

Calendar No. 175

115TH CONGRESS
1ST SESSION

H. R. 2810

IN THE SENATE OF THE UNITED STATES

JULY 18, 2017

Received; read twice and placed on the calendar

AN ACT

To authorize appropriations for fiscal year 2018 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
 2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “National Defense Au-
 5 thorization Act for Fiscal Year 2018”.

6 **SEC. 2. ORGANIZATION OF ACT INTO DIVISIONS; TABLE OF**
 7 **CONTENTS.**

8 (a) DIVISIONS.—This Act is organized into four divi-
 9 sions as follows:

10 (1) Division A—Department of Defense Au-
 11 thorizations.

12 (2) Division B—Military Construction Author-
 13 izations.

14 (3) Division C—Department of Energy Na-
 15 tional Security Authorizations and Other Authoriza-
 16 tions.

17 (4) Division D—Funding Tables.

18 (b) TABLE OF CONTENTS.—The table of contents for
 19 this Act is as follows:

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Sec. 2. Organization of Act into divisions; table of contents.

Sec. 3. Congressional defense committees.

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- Sec. 4601. Military construction.
- Sec. 4602. Military construction for overseas contingency operations.

TITLE XLVII—DEPARTMENT OF ENERGY NATIONAL SECURITY
PROGRAMS

- Sec. 4701. Department of Energy national security programs.

1 SEC. 3. CONGRESSIONAL DEFENSE COMMITTEES.

2 In this Act, the term “congressional defense commit-
3 tees” has the meaning given that term in section
4 101(a)(16) of title 10, United States Code.

1 **DIVISION A—DEPARTMENT OF**
2 **DEFENSE AUTHORIZATIONS**
3 **TITLE I—PROCUREMENT**
4 **Subtitle A—Authorization Of**
5 **Appropriations**

6 **SEC. 101. AUTHORIZATION OF APPROPRIATIONS.**

7 Funds are hereby authorized to be appropriated for
8 fiscal year 2018 for procurement for the Army, the Navy
9 and the Marine Corps, the Air Force, and Defense-wide
10 activities, as specified in the funding table in section 4101.

11 **Subtitle B—Army Programs**

12 **SEC. 111. REPORT ON ACCELERATION OF INCREMENT 2 OF**
13 **THE WARFIGHTER INFORMATION NETWORK-**
14 **TACTICAL.**

15 (a) REPORT.—Not later than January 30, 2018, the
16 Secretary of the Army shall submit to the congressional
17 defense committees a report on options for the accelera-
18 tion of the procurement and fielding of Increment 2 of
19 the Warfighter Information Network-Tactical program of
20 the Army (referred to in this section as “WIN-T Incre-
21 ment 2”).

22 (b) ELEMENTS.—The report under subsection (a)
23 shall include the following:

24 (1) An estimate of the level of funding required
25 to procure a sufficient quantity of WIN-T Increment

1 2 components to field thirty Brigade Combat Teams
2 or equivalent units in the period beginning with fis-
3 cal year 2018 and ending with fiscal year 2022.

4 (2) A plan for fielding WIN-T Increment 2 to
5 all Armored Brigade Combat Teams of the Army
6 and associated combat vehicles, including the Ar-
7 mored Multipurpose Vehicle.

8 (3) A plan for integrating WIN-T Increment 2
9 on the Stryker combat vehicles fielded to Stryker
10 Brigade Combat Teams of the Army.

11 (4) A list of potential upgrades to WIN-T In-
12 crement 2 that may improve program capabilities,
13 including size, weight, and complexity, and the im-
14 pact of these improvements on the cost of the pro-
15 gram.

16 (5) Options for fielding an Expeditionary Com-
17 mand Post capability that effectively integrates
18 WIN-T Increment 2 and command post infrastruc-
19 ture.

20 (6) A detailed plan for upgrading the existing
21 WIN-T Increment 1 system to the latest WIN-T In-
22 crement 2 configuration that includes—

23 (A) an estimate of the level of funding re-
24 quired to implement the plan; and

1 (B) the effect of the plan on the fielding
2 of mobile mission command to the reserve com-
3 ponents of the Army.

4 (7) Any other matters the Secretary determines
5 to be appropriate.

6 **Subtitle C—Navy Programs**

7 **SEC. 121. AIRCRAFT CARRIERS.**

8 (a) SENSE OF CONGRESS ON INCREASE IN NUMBER
9 OF OPERATIONAL AIRCRAFT CARRIERS.—

10 (1) FINDINGS.—Congress finds the following:

11 (A) Aircraft carriers are an essential ele-
12 ment of the Navy’s core missions of forward
13 presence, sea control, ensuring safe sea lanes,
14 and power projection, and provide the flexibility
15 and versatility necessary for the execution of a
16 wide range of additional missions.

17 (B) Forward airpower is integral to the se-
18 curity and joint forces operations of the United
19 States. Carriers play a central role in delivering
20 forward airpower from sovereign territory of the
21 United States in both permissive and non-
22 permissive environments.

23 (C) Aircraft carriers provide the Nation
24 the ability to rapidly and decisively respond to
25 national threats, to conduct worldwide, on-sta-

1 tion diplomacy, and to deter threats to allies,
2 partners, and friends of the United States.

3 (D) Since the end of the cold war, aircraft
4 carrier deployments have increased while the
5 aircraft carrier force structure has declined.

6 (E) Due to the increased array of complex
7 threats across the globe, the Navy's aircraft
8 carriers are operating at maximum capacity, in-
9 creasing deployment lengths and decreasing
10 maintenance periods in order to meet oper-
11 ational requirements.

12 (F) To meet global peacetime and wartime
13 requirements, the Navy has indicated a require-
14 ment to maintain two aircraft carriers deployed
15 overseas and to have three additional aircraft
16 carriers capable of deploying within 90 days.
17 However, the Navy has indicated that the exist-
18 ing aircraft carrier force structure cannot sup-
19 port these military requirements.

20 (G) Despite the requirement to maintain
21 an aircraft carrier strike group in both the
22 United States Central Command and the
23 United States Pacific Command, the Navy has
24 been unable to generate sufficient capacity to
25 support combatant commanders and has devel-

1 oped significant carrier gaps in these critical
2 areas.

3 (H) The continued use of a diminished air-
4 craft carrier force structure has resulted in ex-
5 tensive maintenance availabilities which typi-
6 cally exceed program costs and increase time in
7 shipyards. These expansive maintenance avail-
8 abilities exacerbate existing carrier gaps.

9 (I) Because of maintenance overhaul ex-
10 tensions, the Navy is truncating basic aircraft
11 carrier training to expedite the deployment of
12 available aircraft carriers. Limiting aircraft car-
13 rier training decreases operational capabilities
14 and increases risks to sailors.

15 (J) Despite the objections of the Navy, the
16 Under Secretary of Defense for Acquisition,
17 Technology, and Logistics directed the Navy on
18 August 7, 2015, to perform shock trials on the
19 U.S.S. Gerald R. Ford (CVN-78). The Assist-
20 ant Deputy Chief of Naval Operations for Oper-
21 ations, Plans and Strategy indicated that this
22 action could delay the introduction of the
23 U.S.S. Gerald R. Ford (CVN-78) to the fleet
24 by up to two years, exacerbating existing car-
25 rier gaps.

1 (K) The Navy has adopted a two-phase ac-
2 quisition strategy for the U.S.S. John F. Ken-
3 nedy (CVN-79), an action that will delay the
4 introduction of this aircraft carrier by up to two
5 years, exacerbating existing carrier gaps.

6 (L) Developing an alternative design to the
7 Ford class aircraft carrier is not cost beneficial.
8 A smaller design is projected to incur signifi-
9 cant design and engineering cost while signifi-
10 cantly reducing magazine size, carrier air wing
11 size, sortie rate, and on-station effectiveness
12 among other vital factors as compared to the
13 Ford class. Furthermore, a new design will
14 delay the introduction of future aircraft car-
15 riers, exacerbating existing carrier gaps and
16 threatening the national security of the United
17 States.

18 (M) The 2016 Navy Force Structure As-
19 sessment states “A minimum of 12 aircraft car-
20 riers are required to meet the increased
21 warfighting response requirements of the De-
22 fense Planning Guidance Defeat/Deny force
23 sizing direction.” Furthermore, a new National
24 Defense Strategy is being prepared that will as-
25 sess the defeat/deny force sizing direction and

1 may increase the force structure associated with
2 aircraft carriers.

3 (2) SENSE OF CONGRESS.—It is the sense of
4 Congress that—

5 (A) the United States should expedite de-
6 livery of 12 aircraft carriers;

7 (B) an aircraft carrier should be author-
8 ized every three years;

9 (C) shock trials should be conducted on
10 the U.S.S. John F. Kennedy (CVN-79), as ini-
11 tially proposed by the Navy;

12 (D) construction for the U.S.S. John F.
13 Kennedy (CVN-79) should be accomplished in
14 a single phase; and

15 (E) the United States should continue the
16 Ford class design for the aircraft carrier des-
17 ignated CVN-81.

18 (b) INCREASE IN NUMBER OF OPERATIONAL AIR-
19 CRAFT CARRIERS.—

20 (1) INCREASE.—Section 5062(b) of title 10,
21 United States Code, is amended by striking “11
22 operational aircraft carriers” and inserting “12
23 operational aircraft carriers”.

1 (2) EFFECTIVE DATE.—The amendment made
2 by paragraph (1) shall take effect on September 30,
3 2023.

4 (c) SHOCK TRIALS FOR CVN-78.—Section 128 of
5 the National Defense Authorization Act for Fiscal Year
6 2016 (Public Law 114-92; 129 Stat. 751) is amended—

7 (1) by striking subsections (a) and (b); and

8 (2) by redesignating subsections (c) and (d) as
9 subsections (a) and (b), respectively.

10 (d) PROCUREMENT AUTHORITY FOR AIRCRAFT CAR-
11 RIER PROGRAMS.—

12 (1) PROCUREMENT AUTHORITY IN SUPPORT OF
13 CONSTRUCTION OF FORD CLASS AIRCRAFT CAR-
14 RIERS.—

15 (A) AUTHORITY FOR ECONOMIC ORDER
16 QUANTITY.—The Secretary of the Navy may
17 procure materiel and equipment in support of
18 the construction of the Ford class aircraft car-
19 riers designated CVN-81 and CVN-82 in eco-
20 nomic order quantities when cost savings are
21 achievable.

22 (B) LIABILITY.—Any contract entered into
23 under subparagraph (A) shall provide that any
24 obligation of the United States to make a pay-
25 ment under the contract is subject to the avail-

1 ability of appropriations for that purpose, and
2 that total liability to the Government for termi-
3 nation of any contract entered into shall be lim-
4 ited to the total amount of funding obligated at
5 time of termination.

6 (2) REFUELING AND COMPLEX OVERHAUL OF
7 NIMITZ CLASS AIRCRAFT CARRIERS.—

8 (A) IN GENERAL.—The Secretary of the
9 Navy may carry out the nuclear refueling and
10 complex overhaul of each of the following Nim-
11 itz class aircraft carriers:

12 (i) U.S.S. John C. Stennis (CVN-74).

13 (ii) U.S.S. Harry S. Truman (CVN-
14 75).

15 (iii) U.S.S. Ronald Reagan (CVN-
16 76).

17 (iv) U.S.S. George H.W. Bush (CVN-
18 77).

19 (B) USE OF INCREMENTAL FUNDING.—

20 With respect to any contract entered into under
21 subparagraph (A) for the nuclear refueling and
22 complex overhaul of a Nimitz class aircraft car-
23 rier, the Secretary may use incremental funding
24 for a period not to exceed six years after ad-
25 vance procurement funds for such nuclear re-

1 fueling and complex overhaul effort are first ob-
2 ligated.

3 (C) CONDITION FOR OUT-YEAR CONTRACT
4 PAYMENTS.—Any contract entered into under
5 subparagraph (A) shall provide that any obliga-
6 tion of the United States to make a payment
7 under the contract for a fiscal year after fiscal
8 year 2018 is subject to the availability of appro-
9 priations for that purpose for that later fiscal
10 year.

11 **SEC. 122. PROCUREMENT AUTHORITY FOR ICEBREAKER**
12 **VESSELS.**

13 (a) AUTHORITY.—The Secretary of the Department
14 in which the Coast Guard is operating may enter into a
15 contract or other agreement with the Secretary of the
16 Navy under which the Navy shall act as general agent for
17 the Department in which the Coast Guard is operating
18 for the purpose of entering into a contract on behalf of
19 such Department, beginning with the fiscal year 2018 pro-
20 gram year, for the procurement of the following:

21 (1) Not more than three heavy icebreaker ves-
22 sels.

23 (2) Not more than three medium icebreaker
24 vessels.

1 (b) **CONDITION FOR OUT-YEAR CONTRACT PAY-**
2 **MENTS.**—A contract entered into under subsection (a)
3 shall provide that any obligation of the United States to
4 make a payment under the contract for a fiscal year after
5 fiscal year 2018 is subject to the availability of appropria-
6 tions for that purpose for such later fiscal year.

7 (c) **DEFINITIONS.**—In this section:

8 (1) **HEAVY ICEBREAKER VESSEL.**—The term
9 “heavy icebreaker vessel” means a vessel that is
10 able—

11 (A) to break through nonridged ice that is
12 not less than six feet thick at a speed of three
13 knots;

14 (B) to break through ridged ice that is not
15 less than 21 feet thick; and

16 (C) to operate continuously for 80 days
17 without replenishment.

18 (2) **MEDIUM ICEBREAKER VESSEL.**—The term
19 “medium icebreaker vessel” means a vessel that is
20 able—

21 (A) to break through nonridged ice that is
22 not less than four and one-half feet thick at a
23 speed of three knots; and

24 (B) to operate continuously for 80 days
25 without replenishment.

1 **SEC. 123. LIMITATION ON AVAILABILITY OF FUNDS FOR**
2 **PROCUREMENT OF ICEBREAKER VESSELS.**

3 (a) LIMITATION.—Except as provided in subsection
4 (b), none of the funds authorized to be appropriated by
5 this Act or otherwise made available for the Department
6 of Defense for fiscal year 2018 may be obligated or ex-
7 pended for the procurement of an icebreaker vessel.

8 (b) EXCEPTION.—Notwithstanding the limitation in
9 subsection (a), the Secretary of the Navy may use funds
10 described in such subsection to act as general agent for
11 the Department in which the Coast Guard is operating
12 pursuant to a contract or other agreement entered into
13 under section 122.

14 **SEC. 124. MULTIYEAR PROCUREMENT AUTHORITY FOR VIR-**
15 **GINIA CLASS SUBMARINE PROGRAM.**

16 (a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—
17 Subject to section 2306b of title 10, United States Code,
18 the Secretary of the Navy may enter into one or more
19 multiyear contracts, beginning with the fiscal year 2019
20 program year, for the procurement of up to 13 Virginia
21 class submarines at a rate of not more than 3 submarines
22 per year during the covered period.

23 (b) BASELINE ESTIMATE.—Before entering into any
24 contract for the procurement of a Virginia class submarine
25 under subsection (a), the Secretary of Navy shall deter-

1 mine a baseline estimate for the submarine in accordance
2 with section 2435 of title 10, United States Code.

3 (c) LIMITATION.—The Secretary of the Navy may not
4 enter into a contract for the procurement of a Virginia
5 class submarine under subsection (a) if the contract would
6 increase the cost of the submarine by more than 10 per-
7 cent above the baseline estimate for the submarine deter-
8 mined under subsection (b).

9 (d) AUTHORITY FOR ADVANCE PROCUREMENT.—The
10 Secretary may enter into one or more contracts, beginning
11 in fiscal year 2018, for advance procurement—

12 (1) associated with the vessels for which author-
13 ization to enter into a multiyear procurement con-
14 tract is provided under subsection (a); and

15 (2) for other equipment and subsystems associ-
16 ated with the Virginia class submarine program.

17 (e) CONDITION FOR OUT-YEAR CONTRACT PAY-
18 MENTS.—A contract entered into under subsection (a)
19 shall provide that any obligation of the United States to
20 make a payment under the contract for a fiscal year after
21 fiscal year 2018 is subject to the availability of appropria-
22 tions or funds for that purpose for such later fiscal year.

23 (f) DEFINITIONS.—In this section:

24 (1) COVERED PERIOD.—The term “covered pe-
25 riod” means the 5-year period beginning with the

1 fiscal year 2019 program year and ending with the
2 fiscal year 2023 program year.

3 (2) VIRGINIA CLASS SUBMARINE.—The term
4 “Virginia class submarine” means a block V config-
5 ured Virginia class submarine.

6 **SEC. 125. MULTIYEAR PROCUREMENT AUTHORITY FOR**
7 **ARLEIGH BURKE CLASS DESTROYERS AND**
8 **ASSOCIATED SYSTEMS.**

9 (a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—
10 Subject to section 2306b of title 10, United States Code,
11 the Secretary of the Navy may enter into one or more
12 multiyear contracts, beginning with the fiscal year 2018
13 program year, for the procurement of—

14 (1) up to 15 Arleigh Burke class Flight III
15 guided missile destroyers at a rate of not more than
16 three such destroyers per year during the covered
17 period; and

18 (2) the Aegis weapon systems, AN/SPY-6(v)
19 air and missile defense radar systems, MK 41
20 vertical launching systems, and commercial
21 broadband satellite systems associated with such ves-
22 sels.

23 (b) BASELINE ESTIMATE.—Before entering into any
24 contract for the procurement of an Arleigh Burke class
25 destroyer under subsection (a), the Secretary of Navy

1 shall determine a baseline estimate for the destroyer in
2 accordance with section 2435 of title 10, United States
3 Code.

4 (c) LIMITATION.—The Secretary of the Navy may not
5 enter into a contract for the procurement of a Arleigh
6 Burke class destroyer or any major subprogram under
7 subsection (a) if the contract would increase the cost of
8 the destroyer by more than 10 percent above the baseline
9 estimate for the destroyer determined under subsection
10 (b).

11 (d) AUTHORITY FOR ADVANCE PROCUREMENT.—The
12 Secretary may enter into one or more contracts, beginning
13 in fiscal year 2018, for advance procurement associated
14 with the vessels and systems for which authorization to
15 enter into a multiyear procurement contract is provided
16 under subsection (a).

17 (e) CONDITION FOR OUT-YEAR CONTRACT PAY-
18 MENTS.—A contract entered into under subsection (a)
19 shall provide that any obligation of the United States to
20 make a payment under the contract for a fiscal year after
21 fiscal year 2018 is subject to the availability of appropria-
22 tions or funds for that purpose for such later fiscal year.

23 (f) COVERED PERIOD DEFINED.—The term “covered
24 period” means the 5-year period beginning with the fiscal

1 year 2018 program year and ending with the fiscal year
2 2022 program year.

3 **SEC. 126. LIMITATION ON AVAILABILITY OF FUNDS FOR**
4 **ARLEIGH BURKE CLASS DESTROYER.**

5 (a) **LIMITATION.**—None of the funds authorized to
6 be appropriated by this Act or otherwise made available
7 for fiscal year 2017 for procurement, that are unobligated
8 as of the date of the enactment of this Act, may be obli-
9 gated or expended to procure an Arleigh Burke class de-
10 stroyer (DDG–51) unless the two covered destroyers in-
11 clude an AN/SPY–6(V) air and missile defense radar sys-
12 tem.

13 (b) **WAIVER.**—The Secretary of the Navy may waive
14 the limitation in subsection (a) if the Secretary determines
15 that the cost or schedule risk associated with the integra-
16 tion of the AN/SPY–6(V) air and missile defense radar
17 is unacceptable or incongruous with a business case that
18 relies on stable design, technology maturity, and realistic
19 cost and schedule estimates.

20 (c) **COVERED DESTROYER DEFINED.**—In this sec-
21 tion, the term “covered destroyer” means an Arleigh
22 Burke class destroyer (DDG–51) for which funds were au-
23 thorized to be appropriated by the National Defense Au-
24 thorization Act for Fiscal Year 2017 (Public Law 114–
25 328) and that was fully funded.

1 (d) SENSE OF CONGRESS.—It is the sense of Con-
2 gress that—

3 (1) destroyers authorized to be appropriated by
4 the National Defense Authorization Act for Fiscal
5 Year 2016 (Public Law 114–92) should be config-
6 ured as Arleigh Burke class Flight IIA guided mis-
7 sile destroyers, as initially authorized in section 123
8 of the National Defense Authorization Act for Fiscal
9 Year 2013 (Public Law 112–239; 126 Stat. 1655);
10 and

11 (2) the Department of the Navy should bear
12 the majority risk associated with the share line on
13 a covered destroyer.

14 **SEC. 127. EXTENSIONS OF AUTHORITIES RELATING TO**
15 **CONSTRUCTION OF CERTAIN VESSELS.**

16 (a) EXTENSION OF AUTHORITY TO USE INCRE-
17 MENTAL FUNDING FOR LHA REPLACEMENT.—Section
18 122(a) of the National Defense Authorization Act for fis-
19 cal year 2017 (114–328; 130 Stat. 2030) is amended by
20 striking “for fiscal years 2017 and 2018” and inserting
21 “for fiscal years 2017, 2018, and 2019”.

22 (b) EXTENSION OF FORD CLASS AIRCRAFT CARRIER
23 CONSTRUCTION AUTHORITY.—Section 121(a) of the John
24 Warner National Defense Authorization Act for Fiscal
25 Year 2007 (Public Law 109–364; 120 Stat. 2104), as

1 most recently amended by section 121 of the National De-
2 fense Authorization Act for Fiscal Year 2013 (Public Law
3 112–239; 126 Stat. 1654), is amended by striking “five
4 fiscal years” and inserting “seven fiscal years”.

5 **SEC. 128. MULTIYEAR PROCUREMENT AUTHORITY FOR V-22**
6 **OSPREY AIRCRAFT.**

7 (a) **AUTHORITY FOR MULTIYEAR PROCUREMENT.**—
8 Subject to section 2306b of title 10, United States Code
9 (except as provided in subsection (b)), the Secretary of
10 the Navy may enter into one or more multiyear contracts,
11 beginning with the 2018 program year, for the procure-
12 ment of the following:

13 (1) V-22 Osprey aircraft.

14 (2) Common configuration-readiness and mod-
15 ernization upgrades for V-22 Osprey aircraft.

16 (b) **CONTRACT PERIOD.**—Notwithstanding section
17 2306b(k) of title 10, United States Code, the period cov-
18 ered by a contract entered into on a multiyear basis under
19 the authority of subsection (a) may exceed five years, but
20 may not exceed seven years.

21 (c) **CONDITION FOR OUT-YEAR CONTRACT PAY-**
22 **MENTS.**—A contract entered into under subsection (a)
23 shall provide that any obligation of the United States to
24 make a payment under the contract for a fiscal year after

1 fiscal year 2018 is subject to the availability of appropria-
2 tions or funds for that purpose for such later fiscal year.

3 **SEC. 129. LIMITATION ON AVAILABILITY OF FUNDS FOR**
4 **THE ENHANCED MULTI MISSION PARACHUTE**
5 **SYSTEM.**

6 (a) LIMITATION.—None of the funds authorized to
7 be appropriated by this Act or otherwise made available
8 for the Department of Defense for fiscal year 2018 for
9 the enhanced multi mission parachute system may be used
10 to enter into, or to prepare to enter into, a contract for
11 the procurement of such parachute system until the date
12 on which the Secretary of the Navy submits to the con-
13 gressional defense committees the certification described
14 in subsection (b) and the report described in subsection
15 (c).

16 (b) CERTIFICATION.—The certification described in
17 this subsection is a certification by the Secretary of the
18 Navy that—

19 (1) neither the Marine Corps' currently fielded
20 enhanced multi mission parachute system nor the
21 Army's RA-1 parachute system meet the Marine
22 Corps requirements;

23 (2) the Marine Corps' PARIS, Special Applica-
24 tion Parachute does not meet the Marine Corps re-
25 quirements;

1 (3) the testing plan for the enhanced multi mis-
2 sion parachute system meets all regulatory require-
3 ments; and

4 (4) the Department of the Navy has performed
5 an analysis and determined that a high glide canopy
6 parachute system is not more prone to malfunctions
7 than the currently fielded free fall parachute sys-
8 tems.

9 (c) REPORT.—The report described in this subsection
10 is a report that includes—

11 (1) an explanation of the rationale for using the
12 Parachute Industry Association specification nor-
13 mally used for sports parachutes that are employed
14 from relatively slow flying civilian aircraft at alti-
15 tudes below 10,000 feet for a military parachute;

16 (2) an inventory and cost estimate for any new
17 equipment and training that the Marine Corps will
18 have to be acquire in order to employ a high glide
19 parachute;

20 (3) an explanation of why the Department of
21 the Navy is conducting a paper down select and not
22 conducting any testing until first article testing; and

23 (4) a discussion of the risk assessment for high
24 glide canopies, and specifically how the Department

1 of the Navy is mitigating the risk for malfunctions
2 experienced in other high glide canopy programs.

3 **Subtitle D—Air Force Programs**

4 **SEC. 131. STREAMLINING ACQUISITION OF INTERCONTI-** 5 **NENTAL BALLISTIC MISSILE SECURITY CAPA-** 6 **BILITY.**

7 (a) FINDINGS.—Congress finds the following:

8 (1) On September 25, 2014, then Secretary of
9 the Air Force, Deborah Lee James, submitted a re-
10 port to Congress on the replacement strategy of the
11 Air Force for the UH–1N helicopter, which included
12 the following information:

13 (A) On the age of the airframe: “The UH–
14 1N is a versatile utility helicopter that was ac-
15 cepted into service from 1968-1969.”.

16 (B) On the ability to meet requirements:
17 “The entire fleet supports five general home-
18 land security missions. . .The ability of the
19 UH–1N to accomplish these missions was eval-
20 uated in 2006, and the aircraft was found to be
21 ‘not effective.’ The shortcomings of the UH–1N
22 were derived from specific mission requirements
23 for carrying capacity, airspeed, unrefueled en-
24 durance, mission range, force protection for the
25 floor, specific protection for all aircrew and pas-

1 sengers, survivability, and materiel avail-
2 ability.”.

3 (C) Regarding previous efforts to acquire a
4 replacement aircraft, the report identified ef-
5 forts that date back to 2006, including—

6 (i) an initial analysis of alternatives
7 by Air Force Space Command in 2006;

8 (ii) the common vertical lift support
9 platform program, which was cancelled in
10 2013;

11 (iii) two RAND corporation studies
12 funded in 2013; and

13 (iv) the then-current proposal of the
14 Air Force to procure modified Army UH-
15 60 helicopters.

16 (2) On February 24, 2016, at a hearing before
17 the Committee on Armed Services of the House of
18 Representatives, in response to concerns related to
19 lift, capacity, and hover time of the UH-1N, then
20 Commander of the United States Strategic Com-
21 mand, Admiral Cecil Haney stated: “Congressman,
22 absolutely, in terms of thinking very crisply associ-
23 ated with what we need to do to improve security of
24 our missile fields. . . the attributes you listed are

1 the attributes that concern me in terms of the capa-
2 bility, not just now, but into the future.”.

3 (3) On March 2, 2016, at a hearing before the
4 Committee on Armed Services of the House of Rep-
5 resentatives, the Commander of Air Force Global
6 Strike Command, General Robin Rand stated: “We
7 will not meet the emergency security response with
8 the present helicopter.”.

9 (4) On April 4, 2017, at a hearing before the
10 Committee on Armed Services of the Senate, the
11 Commander of the United States Strategic Com-
12 mand, General John E. Hyten stated: “Of all the
13 things in my portfolio, I can’t even describe how
14 upset I get about the helicopter replacement pro-
15 gram. It’s a helicopter, for gosh sakes. We ought to
16 be able to go out and buy a helicopter and put it in
17 the hands of the people that need it. And we should
18 be able to do that quickly. We’ve been building com-
19 bat helicopters for a long time in this country. I
20 don’t understand why the heck it is so hard to buy
21 a helicopter.”.

22 (b) SENSE OF CONGRESS.—It is the sense of Con-
23 gress that, based on the findings under subsection (a), the
24 Secretary of Defense should have the authority to expedite

1 the procurement of a replacement aircraft for the UH-
2 1N helicopter.

3 (c) WAIVER AND CONTRACT AUTHORITY.—Subject
4 to subsection (d), in procuring a replacement aircraft for
5 the UH-1N helicopter, the Secretary of Defense may—

6 (1) waive any provision of law requiring the use
7 of competitive procedures for the procurement; and

8 (2) enter into a contract for the procurement on
9 a sole-source basis.

10 (d) NOTICE AND CERTIFICATION.—Not later than 15
11 days before exercising the authority under subsection (c),
12 the Secretary shall submit to the congressional defense
13 committees, in writing—

14 (1) notice of the intent of the Secretary to exer-
15 cise such authority; and

16 (2) a certification that—

17 (A) the Secretary has reviewed—

18 (i) the threshold requirements for the
19 UH-1N replacement aircraft program; and

20 (ii) any delays that may have occurred
21 while the Air Force pursued strategies for
22 the procurement of such aircraft on an
23 other than sole-source basis; and

24 (B) after conducting such review, the Sec-
25 retary has determined that entering into a con-

1 tract on a sole-source basis under subsection
2 (c)—

3 (i) is in the national security interests
4 of the United States; and

5 (ii) is necessary to ensure that a UH-
6 1N replacement aircraft enters service by
7 not later than September 30, 2020.

8 **SEC. 132. LIMITATION ON SELECTION OF SINGLE CON-**
9 **TRACTOR FOR C-130H AVIONICS MODERNIZA-**
10 **TION PROGRAM INCREMENT 2.**

11 (a) **LIMITATION.**—The Secretary of the Air Force
12 may not select only a single prime contractor to carry out
13 increment 2 of the C-130H avionics modernization pro-
14 gram until the Secretary submits to the congressional de-
15 fense committees a written certification that, in selecting
16 such a single prime contractor—

17 (1) the Secretary will ensure, to the extent
18 practicable, that commercially available off-the-shelf
19 items are used under the program, including tech-
20 nology solutions and nondevelopmental items; and

21 (2) excessively restrictive military specification
22 standards will not be used to restrict or eliminate
23 full and open competition in the selection process.

24 (b) **DEFINITIONS.**—In this section, the terms “com-
25 mercially available off-the-shelf item”, “full and open com-

1 petition”, and “nondevelopmental item” have the mean-
2 ings given the terms in chapter 1 of title 41, United States
3 Code.

4 **SEC. 133. LIMITATION ON AVAILABILITY OF FUNDS FOR EC-**
5 **130H COMPASS CALL RECAPITALIZATION**
6 **PROGRAM.**

7 (a) LIMITATION.—None of the funds authorized to
8 be appropriated by this Act or otherwise made available
9 for any fiscal year for the EC–130H Compass Call recapiti-
10 talization program of the Air Force may be obligated or
11 expended until a period of 30 days has elapsed following
12 the date on which the Under Secretary of Defense for Ac-
13 quisition, Technology, and Logistics submits to the con-
14 gressional defense committees the certification described
15 in subsection (b).

16 (b) CERTIFICATION.—The certification described in
17 this subsection is a written statement certifying that—

18 (1) an independent review of the acquisition
19 process for the EC–130H Compass Call recapitaliza-
20 tion program of the Air Force has been conducted;
21 and

22 (2) as a result of such review, it has been deter-
23 mined that the acquisition process for such program
24 complies with all applicable laws, guidelines, and
25 best practices.

1 **SEC. 134. COST-BENEFIT ANALYSIS OF UPGRADES TO MQ-9**
2 **REAPER AIRCRAFT.**

3 (a) IN GENERAL.—The Secretary of Defense, in con-
4 sultation with the Secretary of the Air Force, shall con-
5 duct an analysis that compares the costs and benefits of
6 the following:

7 (1) Upgrading fielded MQ-9 Reaper aircraft to
8 a Block 5 configuration.

9 (2) Proceeding with the procurement of MQ-9B
10 aircraft instead of upgrading fielded MQ-9 Reaper
11 aircraft to a Block 5 configuration.

12 (b) REPORT REQUIRED.—

13 (1) IN GENERAL.—Not later than 180 days
14 after the date of the enactment of this Act, the Sec-
15 retary of Defense shall submit to the congressional
16 defense committees a report that includes the results
17 of the cost-benefit analysis conducted under sub-
18 section (a).

19 (2) FORM OF REPORT.—The report required by
20 paragraph (1) shall be submitted in unclassified
21 form, but may include a classified annex.

22 **SEC. 135. INCREASE IN AMOUNTS FOR ENHANCING INTEL-**
23 **LIGENCE, SURVEILLANCE, AND RECONNAIS-**
24 **SANCE CAPABILITY.**

25 (a) INCREASE.—Notwithstanding the amounts set
26 forth in the funding tables in division D, the amount au-

1 thORIZED to be appropriated in section 101 for aircraft pro-
2 curement, Air Force, as specified in the corresponding
3 funding table in division D, for BA 05: Modification of
4 Inservice Aircraft: E-8 (line 056) is hereby increased by
5 \$23,091,000.

6 (b) OFFSET.—Notwithstanding the amounts set forth
7 in the funding tables in division D, the amount authorized
8 to be appropriated in section 101 for aircraft procurement,
9 Air Force, as specified in the corresponding funding table
10 in division D, for BA 05: Modification of Inservice Aircraft
11 / BSA 5: Other Aircraft (line 050) is hereby reduced by
12 \$23,091,000.

13 **Subtitle E—Defense-wide, Joint,**
14 **and Multiservice Matters**

15 **SEC. 141. AUTHORITY FOR PROCUREMENT OF ECONOMIC**
16 **ORDER QUANTITIES FOR THE F-35 AIRCRAFT**
17 **PROGRAM.**

18 (a) AUTHORITY FOR PROCUREMENT OF ECONOMIC
19 ORDER QUANTITIES.—Subject to subsection (c), the Sec-
20 retary of Defense may enter into one or more contracts,
21 beginning with the fiscal year 2018 program year, for the
22 procurement of economic order quantities of the material
23 and equipment described in subsection (b).

1 (b) MATERIAL AND EQUIPMENT DESCRIBED.—The
2 material and equipment described in this subsection is ma-
3 terial and equipment—

4 (1) that has completed formal hardware quali-
5 fication testing for the F-35 aircraft program; and

6 (2) is to be used in procurement contracts to be
7 awarded under the F-35 aircraft program in fiscal
8 years 2019 and 2020.

9 (c) LIMITATIONS.—

10 (1) MAXIMUM AMOUNT.—Of the funds author-
11 ized to be appropriated by this Act or otherwise
12 made available for the Department of Defense for
13 fiscal year 2018 or any fiscal year thereafter for the
14 F-35 aircraft program, not more than \$661,000,000
15 may be obligated or expended to enter into contracts
16 under subsection (a).

17 (2) CERTIFICATION.—The Secretary of Defense
18 may not enter into a contract under subsection (a)
19 until a period of 15 days has elapsed following the
20 date on which the Secretary submits to the congres-
21 sional defense committees a written certification that
22 the contract to be entered into under such sub-
23 section meets the following conditions:

24 (A) The contract will result in significant
25 cost savings as compared to the total antici-

1 pated costs of procuring the property through
2 contracts that are not for economic order quan-
3 tities.

4 (B) The estimates of the cost of the con-
5 tract and the anticipated cost savings resulting
6 from the contract are realistic.

7 (C) The minimum need for the property
8 that is to be procured under the contract is ex-
9 pected to remain substantially unchanged dur-
10 ing the contract period.

11 (D) There is a reasonable expectation that,
12 throughout the contract period, the head of the
13 relevant military department or defense agency
14 will request funding for the contract at the level
15 required to avoid contract cancellation.

16 (E) The design of the property that is to
17 be procured under the contract is expected to
18 remain substantially unchanged and the tech-
19 nical risks associated with such design are not
20 excessive.

21 (F) Entering into the contract will pro-
22 mote the national security interests of the
23 United States.

24 (G) The contract satisfies the conditions
25 described in subparagraphs (C) through (F) of

1 section 2306b(i)(3) of title 10, United States
2 Code.

3 **SEC. 142. LIMITATION ON DEMILITARIZATION OF CERTAIN**
4 **CLUSTER MUNITIONS.**

5 (a) **LIMITATION.**—Except as provided in subsection
6 (c), the Secretary of Defense may not demilitarize any
7 cluster munitions until the date on which the Secretary
8 of Defense submits to the congressional defense commit-
9 tees the certification described in subsection (b).

10 (b) **CERTIFICATION.**—The certification described in
11 this subsection is a written certification that the Depart-
12 ment of Defense has an inventory of covered munitions
13 that meets not less than 75 percent of the operational re-
14 quirements of the Department with respect to cluster mu-
15 nitions across the full range of military operational envi-
16 ronments.

17 (c) **EXCEPTION FOR SAFETY.**—The limitation under
18 subsection (a) shall not apply to the demilitarization of
19 cluster munitions that the Secretary determines—

20 (1) are unserviceable as a result of an inspec-
21 tion, test, field incident, or other significant failure
22 to meet performance or logistics requirements; or

23 (2) are unsafe or could pose a safety risk if not
24 demilitarized or destroyed.

25 (d) **DEFINITIONS.**—In this section:

1 (1) CLUSTER MUNITION.—The term “cluster
2 munition” means a munition that is composed of a
3 nonreusable canister or delivery body that contains
4 multiple, conventional submunitions, without regard
5 to the mode by which the munition is delivered. The
6 term does not include—

7 (A) nuclear, chemical, or biological weap-
8 ons;

9 (B) obscurants;

10 (C) pyrotechnics;

11 (D) non-lethal systems;

12 (E) non-explosive kinetic effect submuni-
13 tions;

14 (F) electronic effects; or

15 (G) landmines.

16 (2) COVERED MUNITIONS.—The term “covered
17 munitions” means cluster munitions containing sub-
18 munitions that, after arming, do not result in more
19 than 1 percent unexploded ordnance (as that term is
20 defined in section 101(e)(5) of title 10, United
21 States Code) across the range of intended oper-
22 ational environments.

23 (3) DEMILITARIZE.—The term “demilitarize”,
24 when used with respect to a cluster munition or
25 components of a cluster munition—

1 (A) means to destroy the military offensive
2 or defensive advantages inherent in the muni-
3 tion or its components; and

4 (B) includes any mutilation, scrapping,
5 melting, burning, or alteration that prevents the
6 use of the munition or its components for the
7 military purposes for which the munition or its
8 components was designed or for a lethal pur-
9 pose.

10 **SEC. 143. REINSTATEMENT OF REQUIREMENT TO PRE-**
11 **SERVE CERTAIN C-5 AIRCRAFT.**

12 Section 141 of the National Defense Authorization
13 Act for Fiscal Year 2013 (Public Law 112–239; 126 Stat.
14 1659), as amended by section 132 of the National Defense
15 Authorization Act for Fiscal Year 2017 (Public Law 114–
16 328), is amended by inserting after subsection (c) the fol-
17 lowing:

18 “(d) PRESERVATION OF CERTAIN RETIRED C-5 AIR-
19 CRAFT.—The Secretary of the Air Force shall preserve
20 each C-5 aircraft that is retired by the Secretary during
21 a period in which the total inventory of strategic airlift
22 aircraft of the Secretary is less than 301, such that the
23 retired aircraft—

24 “(1) is stored in flyable condition;

25 “(2) can be returned to service; and

1 “(3) is not used to supply parts to other air-
2 craft unless specifically authorized by the Secretary
3 of Defense upon a request by the Secretary of the
4 Air Force.”.

5 **SEC. 144. REQUIREMENT THAT CERTAIN AIRCRAFT AND**
6 **UNMANNED AERIAL VEHICLES USE SPECI-**
7 **FIED STANDARD DATA LINK.**

8 Section 157 of the National Defense Authorization
9 Act for Fiscal Year 2013 (Public Law 112–239; 126 Stat.
10 1667) is amended—

11 (1) by amending subsection (b) to read as fol-
12 lows:

13 “(b) SOLICITATIONS.—The Secretary of Defense
14 shall—

15 “(1) ensure that any solicitation issued for a
16 Common Data Link described in subsection (a), re-
17 gardless of whether the solicitation is issued by a
18 military department or a contractor with respect to
19 a subcontract—

20 “(A) conforms to a Department of Defense
21 specification standard, including interfaces and
22 waveforms, existing as of the date of the solici-
23 tation; and

24 “(B) does not include any proprietary or
25 undocumented waveforms or control interfaces

1 or data interfaces as a requirement or criterion
2 for evaluation; and

3 “(2) notify the congressional defense commit-
4 tees not later than 15 days after issuing a solicita-
5 tion for a Common Data Link to be sunset (CDL-
6 TBS) waveform.”; and

7 (2) in subsection (e), in the matter preceding
8 paragraph (1)—

9 (A) by striking “Under Secretary of De-
10 fense for Acquisition, Technology, and Logis-
11 tics” and inserting “Deputy Secretary of De-
12 fense”;

13 (B) by striking “Under Secretary” and in-
14 serting “Deputy Secretary of Defense” ; and

15 (C) by inserting “before October 1, 2023”
16 after “committees”.

17 **TITLE II—RESEARCH, DEVELOP-**
18 **MENT, TEST, AND EVALUA-**
19 **TION**

20 **Subtitle A—Authorization Of**
21 **Appropriations**

22 **SEC. 201. AUTHORIZATION OF APPROPRIATIONS.**

23 Funds are hereby authorized to be appropriated for
24 fiscal year 2018 for the use of the Department of Defense

1 for research, development, test, and evaluation, as speci-
2 fied in the funding table in section 4201.

3 **Subtitle B—Program Require-**
4 **ments, Restrictions, And Limita-**
5 **tions**

6 **SEC. 211. COST CONTROLS FOR PRESIDENTIAL AIRCRAFT**
7 **RECAPITALIZATION PROGRAM.**

8 (a) **FIXED CAPABILITY REQUIREMENTS.**—Except as
9 provided in subsection (b), the capability requirements for
10 aircraft procured under the presidential aircraft recapital-
11 ization program of the Air Force (referred to in this sec-
12 tion as the “PAR Program”) shall be the capability re-
13 quirements identified in version 7.0 of the system require-
14 ment document for the PAR Program dated December 14,
15 2016.

16 (b) **ADJUSTMENTS.**—The Secretary of the Air Force
17 may adjust the capability requirements described in sub-
18 section (a) only if the Secretary submits to the congress-
19 sional defense committees a written determination that
20 such adjustment is necessary—

21 (1) to resolve an ambiguity relating to the capa-
22 bility requirement;

23 (2) to address a problem with the administra-
24 tion of the capability requirement;

1 (3) to lower the development cost or life-cycle
2 cost of the PAR program;

3 (4) to comply with a change in international,
4 Federal, State, or local law or regulation that takes
5 effect after September 30, 2017;

6 (5) to address a safety issue; or

7 (6) subject to subsection (c), to address an
8 emerging threat or vulnerability.

9 (c) LIMITATION ON ADJUSTMENT FOR EMERGING
10 THREAT OR VULNERABILITY.—The Secretary of the Air
11 Force may use the authority under paragraph (6) of sub-
12 section (b) to adjust the requirements described in sub-
13 section (a) only if the Secretary and the Chief of Staff
14 of the Air Force, on a nondelegable basis—

15 (1) jointly determine that such adjustment is
16 necessary and in the interests of the national secu-
17 rity of the United States; and

18 (2) submit to the congressional defense commit-
19 tees notice of such joint determination.

20 (d) FORM OF CONTRACTS.—

21 (1) REQUIREMENT FOR FIXED-PRICE TYPE
22 CONTRACTS.—The contract awarded for the procure-
23 ment of the unmodified commercial aircraft under
24 the PAR program shall be a fixed price type con-
25 tract.

1 (2) ANALYSIS FOR FIXED-PRICE TYPE CON-
2 TRACTS.—The Secretary of the Air Force shall work
3 with the contractor and conduct an analysis of risk
4 and explore opportunities to enter into additional
5 fixed price type contracts for engineering and manu-
6 facturing development beyond the procurement of
7 the unmodified commercial aircraft as described in
8 paragraph (1).

9 (e) QUARTERLY BRIEFINGS.—

10 (1) IN GENERAL.—Beginning not later than
11 October 1, 2017, and on a quarterly basis thereafter
12 through October 1, 2022, the Secretary of the Air
13 Force shall provide to the Committee on Armed
14 Services of the House of Representatives a briefing
15 on the efforts of the Secretary to control costs under
16 the PAR Program.

17 (2) ELEMENTS.—Each briefing under para-
18 graph (1) shall include, with respect to the PAR
19 Program, the following:

20 (A) An overview of the program schedule.

21 (B) A description of each contract awarded
22 under the program, including a description of
23 the type of contract and the status of the con-
24 tract.

1 (C) An assessment of the status of the
2 program with respect to—

3 (i) modification;

4 (ii) testing;

5 (iii) delivery; and

6 (iv) sustainment.

7 (f) SERVICE ACQUISITION EXECUTIVE DEFINED.—

8 In this section, the term “service acquisition executive”
9 has the meaning given that term in section 101(a)(10) of
10 title 10, United States Code.

11 **SEC. 212. CAPITAL INVESTMENT AUTHORITY.**

12 Section 2208(k)(2) of title 10, United States Code,
13 is amended by striking “\$250,000” and inserting
14 “\$500,000”.

15 **SEC. 213. MODIFICATION OF AUTHORITY TO AWARD PRIZES**

16 **FOR ADVANCED TECHNOLOGY ACHIEVE-**
17 **MENTS.**

18 Section 2374a of title 10, United States Code, is
19 amended—

20 (1) in subsection (a), by striking “to award
21 cash prizes” and inserting “to award prizes, which
22 may be cash prizes or nonmonetary prizes,”;

23 (2) in subsection (b), by striking “cash prizes”
24 and inserting “prizes”;

25 (3) in subsection (c)—

1 (A) in paragraph (1), by striking “cash
2 prize of” and inserting “prize valued at”; and

3 (B) by adding at the end the following:

4 “(3) No prize competition may result in the award
5 of a nonmonetary prize valued at more than \$10,000 with-
6 out the approval of the Under Secretary of Defense for
7 Acquisition, Technology, and Logistics.”;

8 (4) in subsection (e)—

9 (A) by inserting “or nonmonetary items”
10 after “accept funds”; and

11 (B) by striking “and from State and local
12 governments,” and inserting “from State and
13 local governments, and from other nongovern-
14 mental sources,”; and

15 (5) by striking subsection (f).

16 **SEC. 214. CRITICAL TECHNOLOGIES FOR COLUMBIA CLASS**
17 **SUBMARINE.**

18 (a) **IN GENERAL.**—For purposes of sections 2366b
19 and 2448b(a)(2) of title 10, United States Code, the com-
20 ponents identified in subsection (b) are deemed to be crit-
21 ical technologies for the Columbia class ballistic missile
22 submarine construction program.

23 (b) **CRITICAL TECHNOLOGIES.**—The components
24 identified in this subsection are—

1 (1) the coordinated stern for the Columbia class
2 ballistic missile submarine;

3 (2) the electric drive system for the submarine;
4 and

5 (3) the nuclear reactor for the submarine.

6 **SEC. 215. JOINT HYPERSONICS TRANSITION OFFICE.**

7 (a) REDESIGNATION.—The joint technology office on
8 hypersonics in the Office of the Secretary of Defense is
9 redesignated as the “Joint Hypersonics Transition Of-
10 fice”. Any reference in a law (other than this section),
11 map, regulation, document, paper, or other record of the
12 United States to the joint technology office on hypersonics
13 shall be deemed to be a reference to the Joint Hypersonics
14 Transition Office.

15 (b) HYPERSONICS DEVELOPMENT.—Section 218 of
16 the John Warner National Defense Authorization Act for
17 Fiscal Year 2007 (Public Law 109–364; 10 U.S.C. 2358
18 note), as amended by section 1079(f) of the National De-
19 fense Authorization Act for Fiscal Year 2016 (Public Law
20 114–192; 129 Stat. 999), is amended—

21 (1) in the heading of subsection (a), by striking
22 “JOINT TECHNOLOGY OFFICE ON HYPERSONICS”
23 and inserting “JOINT HYPERSONICS TRANSITION
24 OFFICE”;

25 (2) in subsection (a)—

1 (A) in the first sentence, by striking “joint
2 technology office on hypersonics” and inserting
3 “Joint Hypersonics Transition Office (in this
4 section referred to as the ‘Office’)”; and

5 (B) in the second sentence, by striking “of-
6 fice” and inserting “Office”;

7 (3) in subsection (b), by striking “joint tech-
8 nology office established under subsection (a)” and
9 inserting “Office”; and

10 (4) by amending subsection (c) to read as fol-
11 lows:

12 “(c) RESPONSIBILITIES.—In carrying out the pro-
13 gram required by subsection (b), the Office shall do the
14 following:

15 “(1) Coordinate and integrate current and fu-
16 ture research, development, test, and evaluation pro-
17 grams and system demonstration programs of the
18 Department of Defense on hypersonics.

19 “(2) Undertake appropriate actions to ensure—

20 “(A) close and continuous integration of
21 the programs on hypersonics of the military de-
22 partments and the Defense Agencies with the
23 programs on hypersonics across the Federal
24 Government; and

1 “(B) that both foundational research and
2 developmental testing resources are adequate
3 and well funded, and that facilities are made
4 available in a timely manner to support
5 hypersonics research, demonstration programs,
6 and system development.

7 “(3) Approve demonstration programs on
8 hypersonic systems to speed the maturation and de-
9 ployment of the systems to the warfighter,.

10 “(4) Ensure that any demonstration program
11 on hypersonic systems that is carried out in any
12 year after its approval under paragraph (3) is car-
13 ried out only if certified under subsection (e) as
14 being consistent with the roadmap under subsection
15 (d).

16 “(5) Develop a well-defined path for hypersonic
17 technologies to transition to operational capabilities
18 for the warfighter.”;

19 (5) in subsection (d)(1), by striking “joint tech-
20 nology office established under subsection (a)” and
21 inserting “Office”; and

22 (6) in subsection (e)—

23 (A) in paragraph (1), by striking “joint
24 technology office established under subsection
25 (a)” and inserting “Office”; and

1 (B) in paragraph (2), by striking “joint
2 technology office” and inserting “Office”.

3 **SEC. 216. HYPERSONIC AIRBREATHING WEAPONS CAPA-**
4 **BILITIES.**

5 (a) IN GENERAL.—The Secretary of Defense may
6 transfer oversight and management of the Hypersonic
7 Airbreathing Weapons Concept from the Defense Ad-
8 vanced Research Projects Agency to a responsible entity
9 of the Air Force. The Secretary of the Air Force, acting
10 through the head of the Air Force Research Laboratory,
11 shall continue—

12 (1) to develop a reusable hypersonics test bed
13 to further probe the high speed flight corridor and
14 to facilitate the testing and development of
15 hypersonic airbreathing weapon systems;

16 (2) to explore emerging concepts and tech-
17 nologies for reusable hypersonics weapons systems
18 beyond current hypersonics programs, focused on ex-
19 perimental flight test capabilities; and

20 (3) to develop defensive technologies and coun-
21 termeasures against potential and identified
22 hypersonic threats.

23 (b) HYPERSONIC AIRBREATHING WEAPON SYSTEM
24 DEFINED.—In this section, the term “hypersonic
25 airbreathing weapon system” means a missile or platform

1 with military utility that operates at speeds near or beyond
2 approximately five times the speed of sound, and that is
3 propelled through the atmosphere with an engine that
4 burns fuel with oxygen from the atmosphere that is col-
5 lected in an inlet.

6 **SEC. 217. LIMITATION ON AVAILABILITY OF FUNDS FOR**
7 **MQ-25 UNMANNED AIR SYSTEM.**

8 (a) **LIMITATION.**—Of the funds authorized to be ap-
9 propriated by this Act or otherwise made available for fis-
10 cal year 2018 for research, development, test, and evalua-
11 tion, Navy, for the MQ-25 unmanned air system, not
12 more than 75 percent may be obligated or expended until
13 a period of 60 days has elapsed following the date on
14 which the certification and report under subsection (b)
15 have been submitted to the congressional defense commit-
16 tees.

17 (b) **CERTIFICATION AND REPORT.**—

18 (1) **CERTIFICATION.**—The Secretary of the
19 Navy shall submit to the congressional defense com-
20 mittees a written certification that—

21 (A) the MQ-25 unmanned air system is
22 required to fill a validated capability gap of the
23 Department of the Navy;

24 (B) the Chief of Naval Operations has re-
25 viewed and approved the initial capability docu-

1 ment and the capability development document
2 relating to such system; and

3 (C) the initial capability document and the
4 capability development document have been pro-
5 vided to the congressional defense committees.

6 (2) REPORT.—The Assistant Secretary of the
7 Navy for Research, Development, and Acquisition
8 shall submit to the congressional defense committees
9 a report that includes—

10 (A) an identification of threshold and ob-
11 jective key performance parameters for the
12 MQ-25 unmanned air system;

13 (B) a certification that the threshold and
14 objective key performance parameters for such
15 system have been established and are achiev-
16 able; and

17 (C) a description of the requirements of
18 such system with respect to—

19 (i) fuel transfer;

20 (ii) equipment for intelligence, surveil-
21 lance, and reconnaissance;

22 (iii) equipment for electronic attack
23 and electronic protection;

24 (iv) communications equipment;

25 (v) weapons payload;

- 1 (vi) range;
- 2 (vii) mission endurance for unrefueled
- 3 and aerial refueled operations;
- 4 (viii) affordability;
- 5 (ix) survivability; and
- 6 (x) interoperability with other Navy
- 7 and joint-service unmanned aerial systems
- 8 and mission control stations.

9 **SEC. 218. LIMITATION ON AVAILABILITY OF FUNDS FOR**

10 **CONTRACT WRITING SYSTEMS.**

11 (a) **LIMITATION.**—Of the funds specified in sub-

12 section (c), not more than 75 percent may be obligated

13 or expended until the date on which the Secretary of De-

14 fense submits to the congressional defense committees the

15 assessment required under subsection (b).

16 (b) **ASSESSMENT REQUIRED.**—The Secretary of De-

17 fense, in coordination with the Secretaries of the military

18 departments, shall submit to the congressional defense

19 committees a written assessment of the requirements for

20 each contract writing information technology system of the

21 Department of Defense and the military departments.

22 Such assessment shall include the following:

- 23 (1) Analysis of the requirements for each such
- 24 contract writing system, including identification of

1 common requirements and any requirements unique
2 to each military department.

3 (2) Identification of legacy systems that provide
4 data to, or receive data from, such contract writing
5 systems.

6 (3) Projected timelines showing when each con-
7 tract writing system is expected to become fully
8 operationally capable and when each legacy system
9 is expected to terminate, based on budget projections
10 included in the most recent future-years defense pro-
11 gram submitted to Congress under section 221 of
12 title 10, United States Code.

13 (4) Assessment of how a shared services model
14 might be applied to replace specific contract writing
15 systems, including analysis of the business process
16 reengineering necessary to move to a shared services
17 model and how shared services can be integrated
18 into the business enterprise architecture of the De-
19 partment.

20 (5) Identification of available shared services
21 for contract writing systems, such as those offered
22 by the General Services Administration or by other
23 sources, that might provide viable alternatives to
24 current contract writing systems.

1 (6) Identification of any gaps in the capabilities
2 of available shared services for contract writing sys-
3 tems, and recommendations for addressing such
4 gaps.

5 (7) Identification of any policy, legal, or statu-
6 tory constraints that would have to be addressed in
7 order to move to a share services model for contract
8 writing systems.

9 (c) FUNDS SPECIFIED.—The funds specified in this
10 subsection are the following—

11 (1) Funds authorized to be appropriated by this
12 Act or otherwise made available for fiscal year 2018
13 for research, development, test, and evaluation for
14 each system described in subsection (d).

15 (2) Funds authorized to be appropriated by this
16 Act or otherwise made available for fiscal year 2018
17 for procurement for each system described in sub-
18 section (d).

19 (d) SYSTEMS DESCRIBED.—The systems described in
20 this subsection are the following:

21 (1) The Contract Writing System of the Army.

22 (2) The Electronic Procurement System of the
23 Navy.

24 (3) The Automated Contract Preparation Sys-
25 tem of the Air Force.

1 (4) The Contract Writing and Administration
2 System of the Defense Contract Management Agen-
3 cy.

4 (5) The Standard Procurement System of the
5 Defense Logistics Agency.

6 **SEC. 219. STRATEGY FOR USE OF VIRTUAL TRAINING TECH-**
7 **NOLOGY.**

8 (a) STRATEGY REQUIRED.—The Secretary of De-
9 fense shall direct the head of each military department—

10 (1) to establish a comprehensive strategy to de-
11 termine what capability gaps exist in the department
12 that can be rectified with virtual training;

13 (2) to review the virtual training possibilities
14 for this gap to determine what virtual training would
15 rectify this gap most efficiently; and

16 (3) to determine what acquisitions would need
17 to be made to acquire the correct amount of tech-
18 nology to achieve desired goals.

19 (b) POST-FIELDING ANALYSIS.—The head of each
20 military department concerned shall create a post-fielding
21 training effectiveness analysis before commencing training
22 using any virtual training technology acquired pursuant
23 to subsection (a).

1 **SEC. 220. INCREASE IN FUNDING FOR ELECTRONICS AND**
2 **ELECTRONIC DEVICES OF THE ARMY.**

3 (a) INCREASE.—Notwithstanding the amounts set
4 forth in the funding tables in division D, the amount au-
5 thorized to be appropriated in section 4201 for research,
6 development, test, and evaluation, Army, as specified in
7 the corresponding funding table in section 4201, for Ap-
8 plied Research, Electronics and Electronic Devices, Line
9 018, is hereby increased by \$2,000,000.

10 (b) OFFSET.—Notwithstanding the amounts set forth
11 in the funding tables in division D, the amount authorized
12 to be appropriated in section 4201 for research, develop-
13 ment, test, and evaluation, Army, as specified in the cor-
14 responding funding table in section 4201, for Advanced
15 Component Development and Prototypes, Technology
16 Maturation Initiatives, Line 072, is hereby reduced by
17 \$2,000,000.

18 **SEC. 221. INCREASE IN FUNDING FOR HISTORICALLY**
19 **BLACK COLLEGES AND UNIVERSITIES AND**
20 **MINORITY INSTITUTIONS.**

21 (a) INCREASE.—Notwithstanding the amounts set
22 forth in the funding tables in division D, the amount au-
23 thorized to be appropriated in section 4201 for research,
24 development, test, and evaluation, Defense-wide, as speci-
25 fied in the corresponding funding table in section 4201,
26 for Basic Research, Historically Black Colleges and Uni-

1 versities/Minority Institutions, Line 006, is hereby in-
2 creased by \$4,135,000.

3 (b) OFFSET.—Notwithstanding the amounts set forth
4 in the funding tables in division D, the amount authorized
5 to be appropriated in section 4201 for research, develop-
6 ment, test, and evaluation, Defense-wide, as specified in
7 the corresponding funding table in section 4201, for Ad-
8 vanced Technology Development, Advanced Innovative
9 Analysis and Concepts, Line 038, is hereby reduced by
10 \$4,135,000.

11 **SEC. 222. ESTABLISHMENT AND EXPANSION OF HACKING**
12 **FOR DEFENSE PROGRAM.**

13 (a) FINDINGS.—Congress finds the following:

14 (1) The MD5 Hacking for Defense Program
15 enables universities nationwide to provide valuable
16 entrepreneurial and innovation education to stu-
17 dents, providing formal training for scientists and
18 engineers to pursue careers in business or govern-
19 ment organizations.

20 (2) The MD5 Hacking for Defense Program is
21 successful in part due to its focus on ensuring that
22 government problems are well-defined and suitable
23 for university courses, ensuring that educators are
24 trained and certified in course methodology and cur-
25 riculum, and providing an ecosystem of government

1 and corporate mentors to student teams to enhance
2 their education and access to clients familiar with
3 specific problems.

4 (3) Hacking for Defense programs provide a
5 unique pathway for veteran students to leverage
6 their military expertise to solve rapidly emerging na-
7 tional security challenges while learning cutting-edge
8 business innovation methodology.

9 (4) The MD5 Hacking for Defense Program's
10 success in the early stages of the innovation con-
11 tinuum should be expanded to offer training to uni-
12 versities nationwide, and government personnel and
13 organizations charged with innovation.

14 (b) ESTABLISHMENT AND EXPANSION OF HACKING
15 FOR DEFENSE PROGRAM.—

16 (1) AUTHORIZATION.—The Secretary of De-
17 fense is authorized to establish a Hacking for De-
18 fense Program under which the Secretary may obli-
19 gate or expend up to \$15,000,000 to support univer-
20 sity-based entrepreneurial education programs, in-
21 cluding—

22 (A) materials to recruit veterans for such
23 programs;

24 (B) model curriculum for such programs;

1 (C) training materials for such programs;

2 and

3 (D) best practices for the conduct of such

4 programs.

5 (2) CONSULTATION.—In carrying out para-
6 graph (1), the Secretary of Defense may consult
7 with the heads of such Federal agencies, univer-
8 sities, and public and private entities engaged in the
9 development of advanced technologies as the Sec-
10 retary determines to be appropriate.

11 (3) ELIGIBILITY.—The Secretary of Defense
12 shall—

13 (A) develop and maintain eligibility criteria
14 for programs to become recognized as Hacking
15 for Defense education sites; and

16 (B) ensure that any recipient of a grant
17 under the Small Business Technology Transfer
18 program or the Small Business Innovation Re-
19 search program has the option to participate in
20 training under the MD5 Hacking for Defense
21 Program.

22 **SEC. 223. PILOT PROGRAM ON INNOVATIVE TECH-**
23 **NOLOGIES.**

24 The Secretary of Defense, in coordination with the
25 Secretary of Energy, shall conduct a pilot program among

1 defense laboratories (as defined in section 2199 of title
2 10, United States Code), national laboratories (as defined
3 in section 188(f) of title 10, United States Code), and pri-
4 vate entities to facilitate the licensure, transfer, and com-
5 mercialization of innovative technologies.

6 **SEC. 224. STEM(MM) JOBS ACTION PLAN.**

7 (a) FINDINGS.—Congress finds the following:

8 (1) Jobs in science, technology, engineering,
9 and math in addition to maintenance and manufac-
10 turing (collectively referred to in this section as
11 “STEM(MM)”) make up a significant portion of the
12 workforce of the Department of Defense.

13 (2) These jobs exist within the organic indus-
14 trial base, research, development, and engineering
15 centers, life-cycle management commands, and logis-
16 tics centers of the Department.

17 (3) Vital to the continued support of the mis-
18 sion of all of the military services, the Department
19 needs to maintain its STEM(MM) workforce.

20 (4) It is known that the demographics of per-
21 sonnel of the Department indicate that many of the
22 STEM(MM) personnel of the Department will be eli-
23 gible to retire in the next few years.

24 (5) Decisive action is needed to replace
25 STEM(MM) personnel as they retire to ensure that

1 the military does not further suffer a skill and
2 knowledge gap and thus a serious readiness gap.

3 (b) ASSESSMENTS AND PLAN OF ACTION.—The Sec-
4 retary of Defense, in conjunction with the Secretary of
5 each military department, shall —

6 (1) perform an assessment of the STEM(MM)
7 workforce for organizations within the Department
8 of Defense, including the numbers and types of posi-
9 tions and the expectations for losses due to retire-
10 ments and voluntary departures;

11 (2) identify the types and quantities of
12 STEM(MM) jobs needed to support future mission
13 work;

14 (3) determine the shortfall between lost
15 STEM(MM) personnel and future requirements;

16 (4) analyze and explain the appropriateness and
17 impact of using reimbursable and working capital
18 fund dollars for new STEM(MM) hires;

19 (5) identify a plan of action to address the
20 STEM(MM) jobs gap, including hiring strategies
21 and timelines for replacement of STEM(MM) em-
22 ployees; and

23 (6) deliver to Congress, not later than Decem-
24 ber 31, 2018, a report specifying such plan of ac-
25 tion.

1 **SEC. 225. APPROPRIATE USE OF AUTHORITY FOR PROTO-**
2 **TYPE PROJECTS.**

3 Section 2371b(d)(1)(A) of title 10, United States
4 Code, is amended by inserting “or nonprofit research in-
5 stitution” after “defense contractor”.

6 **SEC. 226. JET NOISE REDUCTION PROGRAM OF THE NAVY.**

7 (a) IN GENERAL.—The Secretary of the Navy, acting
8 through the Director of the Office of Naval Research, may
9 carry out a jet noise reduction program to study the phys-
10 ics of, and reduce, jet noise produced by high-performance
11 military aircraft.

12 (b) ELEMENTS.—In carrying out the program under
13 subsection (a), the Secretary may—

14 (1) identify material and non-material solutions
15 to reduce jet noise;

16 (2) develop and transition such solutions to the
17 fleet;

18 (3) communicate relevant discoveries to the ci-
19 vilian aviation community; and

20 (4) support the development of theoretical noise
21 models, computational prediction tools, noise control
22 strategies, diagnostic tools, and enhanced source lo-
23 calization.

1 **SEC. 227. PROCESS FOR COORDINATION OF STUDIES AND**
2 **ANALYSIS RESEARCH OF THE DEPARTMENT**
3 **OF DEFENSE.**

4 The Secretary of Defense shall implement a Depart-
5 ment of Defense-wide process under which the heads of
6 the military departments and Defense Agencies respon-
7 sible for managing requests for studies and analysis re-
8 search are required to coordinate annual research requests
9 and ongoing research efforts to minimize duplication and
10 reduce costs.

11 **TITLE III—OPERATION AND**
12 **MAINTENANCE**
13 **Subtitle A—Authorization of**
14 **Appropriations**

15 **SEC. 301. AUTHORIZATION OF APPROPRIATIONS.**

16 Funds are here by authorized to be appropriated for
17 fiscal year 2018 for the use of the Armed Forces and other
18 activities and agencies of the Department of Defense for
19 expenses, not otherwise provided for, for operation and
20 maintenance, as specified in the funding table in section
21 4301.

1 **Subtitle B—Energy and**
2 **Environment**

3 **SEC. 311. CODIFICATION OF AND IMPROVEMENTS TO DE-**
4 **PARTMENT OF DEFENSE CLEARINGHOUSE**
5 **TO COORDINATE DEPARTMENT REVIEW OF**
6 **APPLICATIONS FOR CERTAIN PROJECTS**
7 **THAT MAY HAVE ADVERSE IMPACT ON MILI-**
8 **TARY OPERATIONS AND READINESS.**

9 (a) ESTABLISHMENT OF MILITARY AVIATION,
10 RANGE, AND INSTALLATION ASSURANCE PROGRAM OF-
11 FICE.—

12 (1) CODIFICATION AND IMPROVEMENT OF EX-
13 ISTING LAW.—Chapter 7 of title 10, United States
14 Code, is amended by inserting after section 183 the
15 following new section:

16 **“§ 183a. Military Aviation, Range, and Installation As-**
17 **urance Program Office for review of**
18 **mission obstructions**

19 “(a) ESTABLISHMENT.—(1) The Secretary of De-
20 fense shall establish a Military Aviation, Range, and In-
21 stallation Assurance Program Office.

22 “(2) The Military Aviation, Range, and Installation
23 Assurance Program Office shall be—

1 “(A) organized under the authority, direction,
2 and control of an Assistant Secretary of Defense
3 designated by the Secretary; and

4 “(B) assigned such personnel and resources as
5 the Secretary considers appropriate to carry out this
6 section.

7 “(b) FUNCTIONS.—(1)(A) The Military Aviation,
8 Range, and Installation Assurance Program Office shall
9 serve as a clearinghouse to coordinate Department of De-
10 fense review of applications for energy projects filed with
11 the Secretary of Transportation pursuant to section 44718
12 of title 49 and received by the Department of Defense
13 from the Secretary of Transportation.

14 “(B) To facilitate the review of an application for an
15 energy project submitted pursuant to such section, the
16 Military Aviation, Range, and Installation Assurance Pro-
17 gram Office shall accelerate the development, in coordina-
18 tion with other departments and agencies of the Federal
19 Government, of—

20 “(i) an integrated review process to ensure
21 timely notification and consideration of any applica-
22 tion that may have an adverse impact on military
23 operations and readiness; and

1 “(ii) planning tools necessary to determine the
2 acceptability to the Department of Defense of the
3 energy project proposal included in the application.

4 “(2) The Military Aviation, Range, and Installation
5 Assurance Program Office shall establish procedures for
6 the Department of Defense for the coordinated consider-
7 ation of and response to a request for a review received
8 from another Federal agency, a State government, an In-
9 dian tribal government, a local government, a landowner,
10 or the developer of an energy project, including guidance
11 to personnel at each military installation in the United
12 States on how to initiate such procedures and ensure a
13 coordinated Department response.

14 “(3) The Military Aviation, Range, and Installation
15 Assurance Program Office shall consult with affected mili-
16 tary installations for the review and consideration of pro-
17 posed energy projects.

18 “(4) The Military Aviation, Range, and Installation
19 Assurance Program Office shall develop procedures for
20 conducting early outreach to parties carrying out energy
21 projects that could have an adverse impact on military op-
22 erations and readiness and to clearly communicate to such
23 parties actions being taken by the Department under this
24 section.

1 “(5) The Military Aviation, Range, and Installation
2 Assurance Program Office shall perform such other func-
3 tions as the Secretary of Defense assigns.

4 “(c) REVIEW OF PROPOSED ACTIONS.—(1) Not later
5 than 30 days after receiving from the Secretary of Trans-
6 portation a proper application for an energy project under
7 section 44718 of title 49 that may have an adverse impact
8 on military operations and readiness, the Military Avia-
9 tion, Range, and Installation Assurance Program Office
10 shall conduct a preliminary review of such application.
11 Such review shall—

12 “(A) assess the likely scope, duration, and level
13 of risk of any adverse impact of such energy project
14 on military operations and readiness; and

15 “(B) identify any feasible and affordable ac-
16 tions that could be taken by the Department, the de-
17 veloper of such energy project, or others to mitigate
18 such adverse impact and to minimize risks to na-
19 tional security while allowing such energy project to
20 proceed with development.

21 “(2) If the Military Aviation, Range, and Installation
22 Assurance Program Office determines under paragraph
23 (1) that an energy project will have an adverse impact on
24 military operations and readiness, the Military Aviation,
25 Range, and Installation Assurance Program Office, with

1 the approval of the Secretary of Defense, shall issue to
2 the applicant a notice of presumed risk that describes the
3 concerns identified by the Department in the preliminary
4 review and requests a discussion of possible mitigation ac-
5 tions.

6 “(d) COMPREHENSIVE REVIEW.—(1) The Secretary
7 of Defense shall develop a comprehensive strategy for ad-
8 dressing the military impacts of projects filed with the
9 Secretary of Transportation pursuant to section 44718 of
10 title 49.

11 “(2) In developing the strategy required by para-
12 graph (1), the Secretary of Defense shall—

13 “(A) assess the magnitude of interference posed
14 by projects filed with the Secretary of Transpor-
15 tation pursuant to section 44718 of title 49;

16 “(B) identify geographic areas in which projects
17 filed, or which may be filed in the future, with the
18 Secretary of Transportation pursuant to section
19 44718 of title 49, could have an adverse impact on
20 military operations and readiness, including military
21 training routes, and categorize the risk of adverse
22 impact in each geographic area for the purpose of
23 informing preliminary reviews under subsection
24 (c)(1), early outreach efforts under subsection

1 (b)(4), and online dissemination efforts under para-
2 graph (3);

3 “(C) develop procedures to periodically review
4 and modify geographic areas identified under sub-
5 paragraph (B) and to solicit and identify additional
6 geographic areas as appropriate; and

7 “(D) specifically identify feasible and affordable
8 long-term actions that may be taken to mitigate ad-
9 verse impacts of projects filed, or which may be filed
10 in the future, with the Secretary of Transportation
11 pursuant to section 44718 of title 49, on military
12 operations and readiness, including—

13 “(i) investment priorities of the Depart-
14 ment of Defense with respect to research and
15 development;

16 “(ii) modifications to military operations to
17 accommodate applications for such projects;

18 “(iii) recommended upgrades or modifica-
19 tions to existing systems or procedures by the
20 Department of Defense;

21 “(iv) acquisition of new systems by the De-
22 partment and other departments and agencies
23 of the Federal Government and timelines for
24 fielding such new systems; and

1 “(v) modifications to the projects for which
2 such applications are filed, including changes in
3 size, location, or technology.

4 “(3) The Military Aviation, Range, and Installation
5 Assurance Program Office shall make available online ac-
6 cess to data reflecting geographic areas identified under
7 subparagraph (B) of paragraph (2) and reviewed and
8 modified under subparagraph (C) of such paragraph.

9 “(e) DEPARTMENT OF DEFENSE DETERMINATION
10 OF UNACCEPTABLE RISK.—(1) The Secretary of Defense
11 may not object to an energy project filed with the Sec-
12 retary of Transportation pursuant to section 44718 of title
13 49 unless the Secretary of Defense determines, after giv-
14 ing full consideration to mitigation actions identified pur-
15 suant to this section, that the project would result in an
16 unacceptable risk to the national security of the United
17 States. Such a determination shall constitute a finding
18 pursuant to section 44718(f) of title 49.

19 “(2) Not later than 30 days after making a deter-
20 mination under paragraph (1), the Secretary of Defense
21 shall submit to the congressional defense committees, the
22 Committee on Transportation and Infrastructure of the
23 House of Representatives, and the Committee on Com-
24 merce, Science, and Transportation of the Senate a report
25 on such determination and the basis for such determina-

1 tion. Such report shall include an explanation of the basis
2 of the determination, a discussion of the mitigation op-
3 tions considered, and an explanation of why, in the case
4 of a determination of unacceptable risk, the mitigation op-
5 tions were not feasible or did not resolve the conflict. The
6 Secretary of Defense may provide public notice through
7 the Federal Register of the determination.

8 “(3) The Secretary of Defense may only delegate the
9 responsibility for making a determination under para-
10 graph (1) to the Deputy Secretary of Defense, an Under
11 Secretary of Defense, or a Principal Deputy Under Sec-
12 retary of Defense.

13 “(f) AUTHORITY TO ACCEPT CONTRIBUTIONS OF
14 FUNDS.—The Secretary of Defense is authorized to re-
15 quest and accept a voluntary contribution of funds from
16 an applicant for a project filed with the Secretary of
17 Transportation pursuant to section 44718 of title 49.
18 Amounts so accepted shall remain available until expended
19 for the purpose of offsetting the cost of measures under-
20 taken by the Secretary of Defense to mitigate adverse im-
21 pacts of such a project on military operations and readi-
22 ness or to conduct studies of potential measures to miti-
23 gate such impacts.

24 “(g) EFFECT OF DEPARTMENT OF DEFENSE HAZ-
25 ARD ASSESSMENT.—An action taken pursuant to this sec-

1 tion shall not be considered to be a substitute for any as-
2 sessment or determination required of the Secretary of
3 Transportation under section 44718 of title 49.

4 “(h) SAVINGS CLAUSE.—Nothing in this section shall
5 be construed to affect or limit the application of, or any
6 obligation to comply with, any environmental law, includ-
7 ing the National Environmental Policy Act of 1969 (42
8 U.S.C. 4321 et seq.).

9 “(i) DEFINITIONS.—In this section:

10 “(1) The term ‘adverse impact on military oper-
11 ations and readiness’ means any adverse impact
12 upon military operations and readiness, including
13 flight operations, research, development, testing, and
14 evaluation, and training, that is demonstrable and is
15 likely to impair or degrade the ability of the armed
16 forces to perform their warfighting missions.

17 “(2) The term ‘energy project’ means a project
18 that provides for the generation or transmission of
19 electrical energy.

20 “(3) The term ‘landowner’ means a person that
21 owns a fee interest in real property on which a pro-
22 posed energy project is planned to be located.

23 “(4) The term ‘military installation’ has the
24 meaning given that term in section 2801(c)(4) of
25 this title.

1 “(5) The term ‘military readiness’ includes any
2 training or operation that could be related to combat
3 readiness, including testing and evaluation activities.

4 “(6) The term ‘military training route’ means a
5 training route developed as part of the Military
6 Training Route Program, carried out jointly by the
7 Federal Aviation Administration and the Secretary
8 of Defense, for use by the armed forces for the pur-
9 pose of conducting low-altitude, high-speed military
10 training.

11 “(7) The term ‘unacceptable risk to the na-
12 tional security of the United States’ means the con-
13 struction, alteration, establishment, or expansion, or
14 the proposed construction, alteration, establishment,
15 or expansion, of a structure or sanitary landfill that
16 would—

17 “(A) endanger safety in air commerce, re-
18 lated to the activities of the Department of De-
19 fense;

20 “(B) interfere with the efficient use and
21 preservation of the navigable airspace and of
22 airport traffic capacity at public-use airports,
23 related to the activities of the Department of
24 Defense; or

1 “(C) impair or degrade the capability of
2 the Department of Defense to conduct training,
3 research, development, testing, evaluation, and
4 operations or to maintain military readiness.”.

5 (2) CONFORMING AND CLERICAL AMEND-
6 MENTS.—

7 (A) REPEAL OF EXISTING PROVISION.—
8 Section 358 of the Ike Skelton National De-
9 fense Authorization Act for Fiscal Year 2011
10 (Public Law 111–383; 49 U.S.C. 44718 note)
11 is repealed.

12 (B) REFERENCE TO DEFINITIONS.—Sec-
13 tion 44718(g) of title 49, United States Code,
14 is amended by striking “211.3 of title 32, Code
15 of Federal Regulations, as in effect on January
16 6, 2014” both places it appears and inserting
17 “183a(i) of title 10”.

18 (C) TABLE OF SECTIONS AMENDMENT.—
19 The table of sections at the beginning of chap-
20 ter 7 of title 10, United States Code, is amend-
21 ed by inserting after the item relating to section
22 183 the following new item:

 “183a. Military Aviation, Range, and Installation Assurance Program Office for
 review of mission obstructions.”.

23 (3) DEADLINE FOR INITIAL IDENTIFICATION OF
24 GEOGRAPHIC AREAS.—The initial identification of

1 geographic areas under subsection (d)(2)(B) of sec-
2 tion 183a of title 10, United States Code, as added
3 by paragraph (1), shall be completed not later than
4 180 days after the date of the enactment of this Act.

5 (4) APPLICABILITY OF EXISTING RULES AND
6 REGULATIONS.—Notwithstanding the amendments
7 made by paragraphs (1) and (2), any rule or regula-
8 tion promulgated to carry out section 358 of the Ike
9 Skelton National Defense Authorization Act for Fis-
10 cal Year 2011 (Public Law 111–383; 49 U.S.C.
11 44718 note) that is in effect on the day before the
12 date of the enactment of this Act shall continue in
13 effect and apply to the extent such rule or regulation
14 is consistent with the authority under section 183a
15 of title 10, United States Code, as added by para-
16 graph (1), until such rule or regulation is otherwise
17 amended or repealed.

18 (b) CONFORMING AMENDMENT REGARDING CRIT-
19 ICAL MILITARY-USE AIRSPACE AREAS.—Section 44718 of
20 title 49, United States Code, as amended by subsection
21 (a)(2)(B), is further amended—

22 (1) by redesignating subsection (g) as sub-
23 section (h); and

24 (2) by inserting after subsection (f) the fol-
25 lowing new subsection:

1 “(g) SPECIAL RULE FOR IDENTIFIED GEOGRAPHIC
2 AREAS.—In the case of a proposed structure to be located
3 within a geographic area identified under subsection
4 (d)(2)(B) of section 183a of title 10, the Secretary of
5 Transportation may not issue a determination until the
6 Secretary of Defense issues a determination under sub-
7 section (e) of such section as to whether or not the pro-
8 posed structure represents an unacceptable risk to the na-
9 tional security of the United States (as defined in sub-
10 section (i)(7) of such section).”.

11 **SEC. 312. ENERGY PERFORMANCE GOALS AND MASTER**
12 **PLAN.**

13 Section 2911(c) of title 10, United States Code, is
14 amended—

15 (1) in paragraph (1), by inserting before the pe-
16 riod at the end the following: “, the future demand
17 for energy, and the requirements for the use of en-
18 ergy”;

19 (2) in paragraph (2), by striking “reduce the
20 future demand and the requirements for the use of
21 energy” and inserting “enhance energy resilience to
22 ensure the Department of Defense has the ability to
23 prepare for and recover from energy disruptions that
24 affect mission assurance on military installations”;
25 and

1 (3) by adding at the end the following new
2 paragraph:

3 “(13) Opportunities to leverage financing pro-
4 vided by a non-Department entity to address instal-
5 lation energy needs.”.

6 **SEC. 313. PAYMENT TO ENVIRONMENTAL PROTECTION**
7 **AGENCY OF STIPULATED PENALTY IN CON-**
8 **NECTION WITH UMATILLA CHEMICAL DEPOT,**
9 **OREGON.**

10 (a) **AUTHORITY TO TRANSFER FUNDS.—**

11 (1) **TRANSFER AMOUNT.—**The Secretary of the
12 Army may transfer an amount of not more than
13 \$125,000 to the Hazardous Substance Superfund
14 established under subchapter A of chapter 98 of the
15 Internal Revenue Code of 1986. Any such transfer
16 shall be made without regard to section 2215 of title
17 10, United States Code.

18 (2) **SOURCE OF FUNDS.—**Any transfer under
19 subsection (a) shall be made using funds authorized
20 to be appropriated by this Act or otherwise made
21 available for fiscal year 2018 for Base Realignment
22 and Closure, Army.

23 (b) **PURPOSE OF TRANSFER.—**A transfer under sub-
24 section (a) shall be for the purpose of satisfying a stipu-
25 lated penalty assessed by the Environmental Protection

1 Agency in the settlement agreement approved by the Army
2 on July 14, 2016, against the Umatilla Chemical Depot,
3 Oregon under the Federal Facility Agreement between the
4 Army and the Environmental Protection Agency dated
5 September 19, 1989.

6 (c) ACCEPTANCE OF PAYMENT.—If the Secretary of
7 the Army makes a transfer under subsection (a), the Ad-
8 ministrator of the Environmental Protection Agency shall
9 accept the amount transferred as payment in full of the
10 penalty referred to in subsection (b).

11 **SEC. 314. PAYMENT TO ENVIRONMENTAL PROTECTION**
12 **AGENCY OF STIPULATED PENALTY IN CON-**
13 **NECTION WITH LONGHORN ARMY AMMUNI-**
14 **TION PLANT, TEXAS.**

15 (a) AUTHORITY TO TRANSFER FUNDS.—

16 (1) TRANSFER AMOUNT.—The Secretary of the
17 Army may transfer an amount of not more than
18 \$1,185,000 to the Hazardous Substance Superfund
19 established under subchapter A of chapter 98 of the
20 Internal Revenue Code of 1986. Any such transfer
21 shall be made without regard to section 2215 of title
22 10, United States Code.

23 (2) SOURCE OF FUNDS.—Any transfer under
24 subsection (a) shall be made using funds authorized
25 to be appropriated by this Act or otherwise made

1 available for fiscal year 2018 for Environmental
2 Restoration, Army.

3 (b) PURPOSE OF TRANSFER.—A transfer under sub-
4 section (a) shall be for the purpose of satisfying a stipu-
5 lated penalty assessed by the Environmental Protection
6 Agency on April 5, 2013, against Longhorn Army Ammu-
7 nition Plant, Texas, under the Federal Facility Agreement
8 for Longhorn Army Ammunition Plant, which was entered
9 into between the Army and the Environmental Protection
10 Agency in 1991.

11 (c) ACCEPTANCE OF PAYMENT.—If the Secretary of
12 the Army makes a transfer under subsection (a), the Ad-
13 ministrator of the Environmental Protection Agency shall
14 accept the amount transferred as payment in full of the
15 penalty referred to in subsection (b).

16 **SEC. 315. DEPARTMENT OF DEFENSE CLEANUP AND RE-**
17 **MOVAL OF PETROLEUM, OIL, AND LUBRI-**
18 **CANT ASSOCIATED WITH THE PRINZ EUGEN.**

19 Amounts authorized to be appropriated for the De-
20 partment of Defense may be used for all necessary ex-
21 penses for the removal and cleanup of petroleum, oil, and
22 lubricants associated with the heavy cruiser Prinz Eugen,
23 which was transferred from the United States to the Re-
24 public of the Marshall Islands in 1986.

1 **Subtitle C—Logistics and**
2 **Sustainment**

3 **SEC. 321. REAUTHORIZATION OF MULTI-TRADES DEM-**
4 **ONSTRATION PROJECT.**

5 Section 338 of the National Defense Authorization
6 Act for Fiscal Year 2004 (Public Law 108–136; 10 U.S.C.
7 5013 note), as most recently amended by section 321 of
8 the National Defense Authorization Act for Fiscal Year
9 2013 (Public Law 112–239; 126 Stat. 1694) is amend-
10 ed—

11 (1) in subsection (d), by striking “2018” and
12 inserting “2023”; and

13 (2) in subsection (e), by striking “2019” and
14 inserting “2024”.

15 **SEC. 322. GUIDANCE REGARDING USE OF ORGANIC INDUS-**
16 **TRIAL BASE.**

17 The Secretary of the Army shall maintain the arse-
18 nals with sufficient workloads to ensure affordability and
19 technical competence in all critical capability areas by es-
20 tablishing, not later than 90 days after the enactment of
21 this Act, clear, step-by-step, prescriptive guidance on the
22 process for conducting make-or-buy analyses, including
23 the use of the organic industrial base.

1 **SEC. 323. PROHIBITION ON APPLICATION OF HIRING**
2 **FREEZES AT DEPARTMENT OF DEFENSE IN-**
3 **DUSTRIAL BASE FACILITIES.**

4 Any memorandum, Executive order, or other action
5 by the President to prevent a department or agency of
6 the Federal Government from filling vacant Federal civil-
7 ian employee positions or creating new such positions,
8 shall have no force or effect with respect to any Depart-
9 ment of Defense civilian position at, or in support of—

10 (1) any facility at which depot-level mainte-
11 nance and repair (as that term is defined in section
12 2460 of title 10, United States Code) is carried out;
13 or

14 (2) any facility designated under section 2474
15 of such title as a center for industrial and technical
16 excellence.

17 **Subtitle D—Reports**

18 **SEC. 331. QUARTERLY REPORTS ON PERSONNEL AND UNIT**
19 **READINESS.**

20 (a) **MODIFICATION AND IMPROVEMENT.**—Section
21 482 of title 10, United States Code, is amended—

22 (1) in subsection (a)—

23 (A) by striking “Each report” and insert-
24 ing “The reports for the first and third quar-
25 ters of a calendar year”; and

1 (B) by adding at the end the following new
2 sentence: “The reports for the second and
3 fourth quarters of a calendar year shall contain
4 the information required by subsection (j).”;

5 (2) in subsection (b)—

6 (A) in the subsection heading, by striking
7 “AND REMEDIAL ACTIONS”;

8 (B) in the matter preceding paragraph (1),
9 by striking “Each report” and inserting “A re-
10 port for the second or fourth quarter of a cal-
11 endar year”;

12 (C) in paragraph (1), by inserting “and”
13 after the semicolon;

14 (D) by striking paragraph (2); and

15 (E) by redesignating paragraph (3) as
16 paragraph (2);

17 (3) in subsection (d)(1), by striking “Each re-
18 port” and inserting “A report for the second or
19 fourth quarter of a calendar year”;

20 (4) in subsection (e), by striking “Each report”
21 and inserting “A report for the second or fourth
22 quarter of a calendar year”;

23 (5) in subsection (f)(1), by striking “Each re-
24 port” and inserting “A report for the second or
25 fourth quarter of a calendar year”;

1 (6) in subsection (g)(1), by striking “Each re-
2 port” and inserting “A report for the second or
3 fourth quarter of a calendar year”; and

4 (7) by adding at the end the following new sub-
5 section:

6 “(j) REMEDIAL ACTIONS.—A report for the first or
7 third quarter of a calendar year shall include—

8 “(1) a description of the mitigation plans of the
9 Secretary to address readiness shortfalls and oper-
10 ational deficiencies identified in the report submitted
11 for the preceding calendar quarter; and

12 “(2) for each such shortfall or deficiency, a
13 timeline for resolution, the cost necessary for such
14 resolution, the mitigation strategy the Department
15 will employ until the resolution is in place, and any
16 legislative remedies required.”.

17 (b) CONFORMING AMENDMENTS.—Section 117 of
18 title 10, United States Code, is amended—

19 (1) in subsection (d)—

20 (A) in the subsection heading, by striking
21 “QUARTERLY” and inserting “SEMI-ANNUAL”;
22 and

23 (B) in paragraph (1)(A), by striking
24 “quarterly” and inserting “semi-annual”; and

1 (2) in subsection (e), by striking “each quarter”
2 and inserting “semi-annually”.

3 **SEC. 332. BIENNIAL REPORT ON CORE DEPOT-LEVEL MAIN-**
4 **TENANCE AND REPAIR CAPABILITY.**

5 Section 2464(d) of title 10, United States Code, is
6 amended by adding at the end the following new para-
7 graphs:

8 “(4) Any workload shortfalls at any work
9 breakdown structure category designated as a lower-
10 level category pursuant to Department of Defense
11 Instruction 4151.20, or any successor instruction.

12 “(5) A description of any workload executed at
13 a category designated as a first-level category pursu-
14 ant to such Instruction, or any successor instruction,
15 that could be used to mitigate shortfalls in similar
16 categories.

17 “(6) A description of any progress made on im-
18 plementing mitigation plans developed pursuant to
19 paragraph (3).

20 “(7) A description of core capability require-
21 ments and corresponding workloads at the first level
22 category.

23 “(8) In the case of any shortfall that is identi-
24 fied, a description of the shortfall and an identifica-

1 tion of the subcategory of the work breakdown struc-
2 ture in which the shortfall occurred.

3 “(9) In the case of any work breakdown struc-
4 ture category designated as a special interest item or
5 other pursuant to such Instruction, or any successor
6 instruction, an explanation for such designation.

7 “(10) Whether the core depot-level maintenance
8 and repair capability requirements described in the
9 report submitted under this subsection for the pre-
10 ceding fiscal year have been executed.”.

11 **SEC. 333. ANNUAL REPORT ON PERSONNEL, TRAINING, AND**
12 **EQUIPMENT NEEDS OF NON-FEDERALIZED**
13 **NATIONAL GUARD.**

14 (a) ANNUAL REPORT REQUIRED.—Section 10504 of
15 title 10, United States Code, as amended by section 1051,
16 is further amended—

17 (1) in subsection (a)—

18 (A) in the subsection heading, by striking
19 “REPORT.—” and inserting “REPORT ON
20 STATE OF THE NATIONAL GUARD.—(1)”; and

21 (B) by striking “The report’ ” and insert-
22 ing the following:

23 “(2) The annual report required by paragraph (1)”;
24 and

1 (2) by adding at the end the following new sub-
2 section:

3 “(b) ANNUAL REPORT ON NON-FEDERALIZED SERV-
4 ICE NATIONAL GUARD PERSONNEL, TRAINING, AND
5 EQUIPMENT REQUIREMENTS.—(1) Not later than Janu-
6 ary 31 of each of calendar years 2018 through 2022, the
7 Chief of the National Guard Bureau shall submit to the
8 recipients described in paragraph (3) a report that identi-
9 fies the personnel, training, and equipment required by the
10 non-federalized National Guard—

11 “(A) to support civilian authorities in connec-
12 tion with natural and man-made disasters during the
13 covered period; and

14 “(B) to carry out prevention, protection, miti-
15 gation, response, and recovery activities relating to
16 such disasters during the covered period.

17 “(2) In preparing each report under paragraph (1),
18 the Chief of the National Guard Bureau shall—

19 “(A) consult with the chief executive of each
20 State, the Council of Governors, and other appro-
21 priate civilian authorities;

22 “(B) collect and validate information from each
23 State relating to the personnel, training, and equip-
24 ment requirements described in paragraph (1);

1 “(C) set forth separately the personnel, train-
2 ing, and equipment requirements for—

3 “(i) each of the emergency support func-
4 tions of the National Response Framework; and

5 “(ii) each of the Federal Emergency Man-
6 agement Agency regions;

7 “(D) assess core civilian capability gaps relating
8 to natural and man-made disasters, as identified by
9 States in submissions to the Department of Home-
10 land Security; and

11 “(E) take into account threat and hazard iden-
12 tifications and risk assessments of the Department
13 of Defense, the Department of Homeland Security,
14 and the States.

15 “(3) The annual report required by paragraph (1)
16 shall be submitted to the following officials:

17 “(A) The congressional defense committees, the
18 Committee on Homeland Security of the House of
19 Representatives, and the Committee on Homeland
20 Security and Governmental Affairs of the Senate.

21 “(B) The Secretary of Defense.

22 “(C) The Secretary of Homeland Security.

23 “(D) The Council of Governors.

24 “(E) The Secretary of the Army.

25 “(F) The Secretary of the Air Force.

1 “(G) The Commander of the United States
2 Northern Command.

3 “(H) The Commander of the United States Pa-
4 cific Command.

5 “(I) The Commander of the United States
6 Cyber Command.

7 “(4) In this subsection, the term ‘covered period’
8 means the fiscal year beginning after the date on which
9 a report is submitted under paragraph (1).”.

10 (b) CLERICAL AMENDMENTS.—

11 (1) SECTION HEADING.—The heading of such
12 section is amended to read as follows:

13 **“§ 10504. Chief of National Guard Bureau: annual re-
14 ports”.**

15 (2) TABLE OF CONTENTS.—The table of sec-
16 tions at the beginning of chapter 1011 of title 10,
17 United States Code, is amended by striking the item
18 relating to section 10504 and inserting the fol-
19 lowing:

“10504. Chief of National Guard Bureau: annual reports.”.

20 **SEC. 334. ANNUAL REPORT ON MILITARY WORKING DOGS
21 USED BY THE DEPARTMENT OF DEFENSE.**

22 (a) CAPACITY.—The Secretary of Defense, acting
23 through the Executive Agent for Military Working Dogs
24 (hereinafter in this section referred to as the “Executive
25 Agent”), shall—

1 (1) identify the number of military working
2 dogs required to fulfill the various missions of the
3 Department of Defense for which such dogs are
4 used, including force protection, facility and check
5 point security, and explosives and drug detection;

6 (2) take such steps as are practicable to ensure
7 an adequate number of military working dog teams
8 are available to meet and sustain the mission re-
9 quirements identified in paragraph (1);

10 (3) ensure that the Department's needs and
11 performance standards with respect to military
12 working dogs are readily available to dog breeders
13 and trainers; and

14 (4) coordinate with other Federal, State, and
15 local agencies, nonprofit organizations, universities,
16 and private sector entities, as appropriate, to in-
17 crease the training capacity for military working dog
18 teams.

19 (b) **MILITARY WORKING DOG PROCUREMENT.**—The
20 Secretary, acting through the Executive Agent, shall work
21 to ensure that military working dogs are procured as effi-
22 ciently as possible and at the best value to the Govern-
23 ment, while maintaining the necessary level of quality and
24 encouraging increased domestic breeding.

1 (c) ANNUAL REPORT.—Not later than 90 days after
2 the date of the enactment of the National Defense Author-
3 ization Act for Fiscal Year 2018, and annually thereafter
4 until September 30, 2021, the Secretary, acting through
5 the Executive Agent, shall submit to the congressional de-
6 fense committees a report on the procurement and retire-
7 ment of military working dogs for the fiscal year preceding
8 the fiscal year during which the report is submitted. Each
9 report under this subsection shall include the following for
10 the fiscal year covered by the report:

11 (1) The number of military working dogs pro-
12 cured, by source, by each military department or De-
13 fense Agency.

14 (2) The cost of procuring military working dogs
15 incurred by each military department or Defense
16 Agency.

17 (3) The number of domestically bred and
18 sourced military working dogs procured by each mili-
19 tary department or Defense Agency, including a list
20 of vendors, their location, cost, and the quantity of
21 dogs procured from each vendor.

22 (4) The number of non-domestically bred mili-
23 tary working dogs procured from non-domestic
24 sources by each military department or Defense
25 Agency, including a list of vendors, their location,

1 cost, and the quantity of dogs procured from each
2 vendor.

3 (5) The cost of procuring pre-trained and green
4 dogs for force protection, facility and checkpoint se-
5 curity, and improvised explosive device, other explo-
6 sives, and drug detection.

7 (6) An analysis of the procurement practices of
8 each military department or Defense Agency that
9 limit market access for domestic canine vendors and
10 breeders.

11 (7) The total cost of procuring domestically
12 bred military working dogs versus the total cost of
13 procuring dogs from non-domestic sources.

14 (8) The total number of domestically bred dogs
15 and the number of dogs from foreign sources pro-
16 cured by each military department or Defense Agen-
17 cy and the number and percentage of those dogs
18 that are ultimately deployed for their intended use.

19 (9) An explanation for any significant dif-
20 ference in the cost of procuring military working
21 dogs from different sources.

22 (10) An estimate of the number of military
23 working dogs expected to retire annually and an
24 identification of the primary cause of the retirement
25 of such dogs.

1 (11) An identification of the final disposition of
2 military working dogs no longer in service.

3 (d) **MILITARY WORKING DOG DEFINED.**—For pur-
4 poses of this section, the term “military working dog”
5 means a dog used in any official military capacity, as de-
6 fined by the Secretary of Defense.

7 **SEC. 335. ANNUAL BRIEFINGS ON ARMY EXPLOSIVE ORD-**
8 **NANCE DISPOSAL.**

9 Not later than 60 days after the last day of each of
10 fiscal years 2018 through 2021, the Secretary of the Army
11 shall provide to the Committees on Armed Services of the
12 Senate and House of Representatives briefings on the ac-
13 tions the Army has taken to address the following:

14 (1) Programmed funding and manpower to es-
15 tablish and implement the explosive ordnance dis-
16 posal (hereinafter referred to as “EOD”) assistant
17 commandant position in the Army Ordnance School.

18 (2) EOD personnel talent management, includ-
19 ing command opportunities and promotion within
20 the Army logistics cohort, and career broadening op-
21 portunities, including participation in joint, inter-
22 agency, and multinational EOD commissioned offi-
23 cer and non-commissioned officer positions.

1 (3) How the EOD career path ensures and
2 maintains technical proficiency for EOD-qualified
3 personnel.

4 (4) Efforts to improve EOD proponenty and
5 advocacy across the Army, including activities of the
6 EOD Board of Advisors.

7 (5) Efforts to enhance synchronization of EOD
8 with other Army missions and functions and retain
9 critical interdependencies.

10 (6) Annual funding programmed through the
11 future-years defense program and executed during
12 the preceding fiscal year for EOD requirements in-
13 cluding personnel, training, and equipment.

14 **SEC. 336. REPORT ON EFFECTS OF CLIMATE CHANGE ON**
15 **DEPARTMENT OF DEFENSE.**

16 (a) FINDINGS.—Congress makes the following find-
17 ings:

18 (1) Secretary of Defense James Mattis has
19 stated: “It is appropriate for the Combatant Com-
20 mands to incorporate drivers of instability that im-
21 pact the security environment in their areas into
22 their planning.”.

23 (2) Secretary of Defense James Mattis has
24 stated: “I agree that the effects of a changing cli-
25 mate — such as increased maritime access to the

1 Arctic, rising sea levels, desertification, among oth-
2 ers — impact our security situation.”.

3 (3) Chairman of the Joint Chiefs of Staff Jo-
4 seph Dunford has stated: “It’s a question, once
5 again, of being forward deployed, forward engaged,
6 and be in a position to respond to the kinds of nat-
7 ural disasters that I think we see as a second or
8 third order effect of climate change.”.

9 (4) Former Secretary of Defense Robert Gates
10 has stated: “Over the next 20 years and more, cer-
11 tain pressures-population, energy, climate, economic,
12 environmental-could combine with rapid cultural, so-
13 cial, and technological change to produce new
14 sources of deprivation, rage, and instability.”.

15 (5) Former Chief of Staff of the U.S. Army
16 Gordon Sullivan has stated: “Climate change is a
17 national security issue. We found that climate insta-
18 bility will lead to instability in geopolitics and impact
19 American military operations around the world.”.

20 (6) The Office of the Director of National Intel-
21 ligence (ODNI) has stated: “Many countries will en-
22 counter climate-induced disruptions—such as weath-
23 er-related disasters, drought, famine, or damage to
24 infrastructure—that stress their capacity to respond,
25 cope with, or adapt. Climate-related impacts will also

1 contribute to increased migration, which can be par-
2 ticularly disruptive if, for example, demand for food
3 and shelter outstrips the resources available to assist
4 those in need.”.

5 (7) The Government Accountability Office
6 (GAO) has stated: “DOD links changes in precipita-
7 tion patterns with potential climate change impacts
8 such as changes in the number of consecutive days
9 of high or low precipitation as well as increases in
10 the extent and duration of droughts, with an associ-
11 ated increase in the risk of wildfire. . . this may re-
12 sult in mission vulnerabilities such as reduced live-
13 fire training due to drought and increased wildfire
14 risk.”.

15 (8) A three-foot rise in sea levels will threaten
16 the operations of more than 128 United States mili-
17 tary sites, and it is possible that many of these at-
18 risk bases could be submerged in the coming years.

19 (9) As global temperatures rise, droughts and
20 famines can lead to more failed states, which are
21 breeding grounds of extremist and terrorist organi-
22 zations.

23 (10) In the Marshall Islands, an Air Force
24 radar installation built on an atoll at a cost of

1 \$1,000,000,000 is projected to be underwater within
2 two decades.

3 (11) In the western United States, drought has
4 amplified the threat of wildfires, and floods have
5 damaged roads, runways, and buildings on military
6 bases.

7 (12) In the Arctic, the combination of melting
8 sea ice, thawing permafrost, and sea-level rise is
9 eroding shorelines, which is damaging radar and
10 communication installations, runways, seawalls, and
11 training areas.

12 (13) In the Yukon Training Area, units con-
13 ducting artillery training accidentally started a wild-
14 fire despite observing the necessary practices during
15 red flag warning conditions.

16 (b) SENSE OF CONGRESS.—It is the sense of Con-
17 gress that—

18 (1) climate change is a direct threat to the na-
19 tional security of the United States and is impacting
20 stability in areas of the world both where the United
21 States Armed Forces are operating today, and where
22 strategic implications for future conflict exist;

23 (2) there are complexities in quantifying the
24 cost of climate change on mission resiliency, but the
25 Department of Defense must ensure that it is pre-

1 pared to conduct operations both today and in the
2 future and that it is prepared to address the effects
3 of a changing climate on threat assessments, re-
4 sources, and readiness; and

5 (3) military installations must be able to effec-
6 tively prepare to mitigate climate damage in their
7 master planning and infrastructure planning and de-
8 sign, so that they might best consider the weather
9 and natural resources most pertinent to them.

10 (c) REPORT.—

11 (1) REPORT REQUIRED.—Not later than one
12 year after the date of the enactment of this Act, the
13 Secretary of Defense shall submit to the Committees
14 on Armed Services of the Senate and the House of
15 Representatives a report on vulnerabilities to mili-
16 tary installations and combatant commander re-
17 quirements resulting from climate change over the
18 next 20 years.

19 (2) ELEMENTS.—The report on vulnerabilities
20 to military installations and combatant commander
21 requirements required by paragraph (1) shall include
22 the following:

23 (A) A list of the ten most vulnerable mili-
24 tary installations within each service based on
25 the effects of rising sea tides, increased flood-

1 ing, drought, desertification, wildfires, thawing
2 permafrost, and any other categories the Sec-
3 retary determines necessary.

4 (B) An overview of mitigations that may
5 be necessary to ensure the continued oper-
6 ational viability and to increase the resiliency of
7 the identified vulnerable military installations
8 and the cost of such mitigations.

9 (C) A discussion of the climate-change re-
10 lated effects on the Department, including the
11 increase in the frequency of humanitarian as-
12 sistance and disaster relief missions and the
13 theater campaign plans, contingency plans, and
14 global posture of the combatant commanders.

15 (D) An overview of mitigations that may
16 be necessary to ensure mission resiliency and
17 the cost of such mitigations.

18 (3) FORM.—The report required subparagraph
19 (1) shall be submitted in unclassified form, but may
20 contain a classified annex.

21 **SEC. 337. UPDATED GUIDANCE REGARDING BIENNIAL**
22 **CORE REPORT.**

23 To ensure that the biennial core reporting procedures
24 of the Department of Defense align with the requirements
25 of section 2464 of title 10, United States Code, and that

1 each reporting agency provides accurate and complete in-
2 formation, the Secretary of Defense should direct the
3 Under Secretary of Defense for Acquisition, Technology
4 and Logistics to update the Department of Defense Guid-
5 ance, in particular Department of Defense Instruction
6 4151.20, to require future biennial core reports include
7 instructions to the reporting agencies on how to—

- 8 (1) report additional depot workload performed
9 that has not been identified as a core requirement;
- 10 (2) accurately capture inter-service workload;
- 11 (3) calculate shortfalls; and
- 12 (4) estimate the cost of planned workload.

13 **SEC. 338. REPORT ON ARCTIC READINESS.**

14 (a) **REPORT REQUIRED.**—The Secretary of Defense
15 shall submit to Congress a report on arctic readiness.
16 Such report shall include—

- 17 (1) an analysis of the challenges posed by the
18 rapidly changing arctic region, including the reasons
19 why the arctic region is changing at such a rapid
20 rate;
- 21 (2) an analysis of how the changes will affect
22 other regions, particularly coastal communities;
- 23 (3) an analysis of how the changes will affect
24 military infrastructure; and

1 (4) recommendations for congressional action to
2 address the needs of the Armed Forces, in consulta-
3 tion with the Secretary of Homeland Security with
4 respect to the Coast Guard when it is not operating
5 as a service in the Navy, resulting from changes in
6 the arctic.

7 (b) FORM OF REPORT.—The report required under
8 this section shall be unclassified, but may include a classi-
9 fied annex.

10 **SEC. 339. REPORT ON CYBER CAPABILITY AND READINESS**

11 **SHORTFALLS.**

12 Not later than 180 days after the date of the enact-
13 ment of this Act, the Secretary of the Army shall submit
14 to Congress a report on the Army Combat Training Cen-
15 ters and the current resident cyber capabilities and train-
16 ing at such centers to examine potential training readiness
17 shortfalls and ensure that pre-rotational cyber training
18 needs are met. In preparing the report, the Secretary shall
19 take into account nearby cyber assets that could con-
20 tribute to addressing potential cyber capability and readi-
21 ness shortfalls.

1 **SEC. 340. REPORT ON EFFECTS OF INCREASED AUTOMA-**
2 **TION OF DEFENSE INDUSTRIAL BASE ON**
3 **MANUFACTURING WORKFORCE.**

4 Not later than 180 days after the date of the enact-
5 ment of this Act, the Secretary of Defense shall submit
6 to Congress a report on the effects of the increased auto-
7 mation of the defense industrial base over the ten-year pe-
8 riod beginning on the date that is 30 days after the date
9 of the enactment of this Act. Such report shall include,
10 for the period covered by the report—

11 (1) an estimate of the number of jobs in the
12 United States manufacturing workforce expected to
13 be eliminated due to automation in the defense sec-
14 tor;

15 (2) an analysis describing any new types of jobs
16 that are expected to be established as a result of an
17 increasingly automated process, including an esti-
18 mate of the number of these types of jobs that are
19 expect to be created;

20 (3) an analysis of the potential threats to the
21 national security of the United States that are
22 unique to the automation of the defense industry;

23 (4) a strategy to assist in providing workforce
24 training and transition preparation for workers who
25 may lose manufacturing jobs in the defense industry
26 due to automation;

1 (5) a description of any training necessary for
2 workers affected by automation to more easily tran-
3 sition to new types of jobs within the defense manu-
4 facturing industry; and

5 (6) any actions taken, or planned to be taken,
6 by the Department of Defense to assist in worker
7 transition.

8 **SEC. 340A. COMPTROLLER GENERAL REVIEW OF DEPART-**
9 **MENT OF DEFENSE COST MODELS USED IN**
10 **MAKING PERSONNEL DECISIONS.**

11 (a) REVIEW REQUIRED.—The Comptroller General
12 of the United States shall conduct a review of—

13 (1) the extent to which the Department of De-
14 fense has incorporated feedback and lessons learned
15 from cost comparisons of the performance of De-
16 partment of Defense functions by members of the
17 Armed Forces, Department of Defense employees,
18 and contractor personnel in making workforce deci-
19 sions;

20 (2) the extent to which the Department has
21 used such feedback and lessons learned to improve
22 guidance, including DODI 7041.04 and the full cost
23 of manpower tool; and

24 (3) any other related matter the Comptroller
25 determines appropriate.

1 (b) REPORT AND BRIEFING.—

2 (1) BRIEFING.—Not later than March 1, 2018,
3 the Comptroller General shall provide to the Com-
4 mittees on Armed Services of the Senate and House
5 of Representatives an interim briefing on the review
6 required by subsection (a).

7 (2) REPORT.—Not later than one year after the
8 date of the enactment of this Act, the Comptroller
9 General shall submit to such committees a report on
10 such review.

11 **Subtitle E—Other Matters**

12 **SEC. 341. EXPLOSIVE SAFETY BOARD.**

13 (a) MODIFICATION AND IMPROVEMENT OF AMMUNI-
14 TION STORAGE BOARD.—Section 172 of title 10, United
15 States Code, is amended—

16 (1) by striking “Secretaries of the military de-
17 partments” and inserting “Secretary of Defense”;

18 (2) by inserting “that includes members” after
19 “joint board”;

20 (3) by striking “selected by them” and insert-
21 ing “selected by the Secretaries of the military de-
22 partments,”;

23 (4) by inserting “military” before “officers”;

1 (5) by inserting “designated as the chair and
2 voting members of the board for each military de-
3 partment” after “officers”;

4 (6) by inserting “and other” before “civilian of-
5 ficers”;

6 (7) by striking “or both” and inserting “as nec-
7 essary”; and

8 (8) by striking “keep informed on stored” and
9 inserting “provide oversight on storage and trans-
10 portation of”.

11 (b) CLERICAL AMENDMENTS.—

12 (1) SECTION HEADING.—The heading of section
13 172 of title 10, United States Code, is amended by
14 striking “**Ammunition storage**” and inserting
15 “**Explosive safety**”.

16 (2) TABLE OF SECTIONS.—The table of sections
17 at the beginning of chapter 7 of such title is amend-
18 ed by striking the item relating to section 172 and
19 inserting the following new item:

“172. Explosive safety board.”.

20 **SEC. 342. DEPARTMENT OF DEFENSE SUPPORT FOR MILI-**
21 **TARY SERVICE MEMORIALS AND MUSEUMS**
22 **THAT HIGHLIGHT THE ROLE OF WOMEN IN**
23 **THE ARMED FORCES.**

24 The Secretary of Defense may provide financial sup-
25 port for the acquisition, installation, and maintenance of

1 exhibits, facilities, historical displays, and programs at
2 military service memorials and museums that highlight
3 the role of women in the Armed Forces. The Secretary
4 may enter into a contract with a nonprofit organization
5 for the purpose of performing such acquisition, installa-
6 tion, and maintenance.

7 **SEC. 343. LIMITATION ON AVAILABILITY OF FUNDS FOR AD-**
8 **VANCED SKILLS MANAGEMENT SOFTWARE**
9 **SYSTEM OF THE NAVY.**

10 (a) **LIMITATION.**—None of the funds authorized to
11 be appropriated by this Act or otherwise made available
12 for fiscal year 2018 for the Department of Defense may
13 be obligated or expended for the enhancement of the ad-
14 vanced skills management software system of the Navy
15 until a period of 60 days has elapsed following the date
16 on which Secretary of the Navy makes the submission re-
17 quired under subsection (b)(3).

18 (b) **BRIEFING AND CERTIFICATION.**—The Secretary
19 of the Navy shall—

20 (1) provide to the Committee on Armed Serv-
21 ices of the House of Representatives a briefing on
22 any enhancements that are needed for the advanced
23 skills management software system of the Navy;

24 (2) after providing the briefing under para-
25 graph (1), issue a request for information for such

1 enhancements in accordance with part 15.2 of the
2 Federal Acquisition Regulation; and

3 (3) submit to the Committee on Armed Services
4 of the House of Representatives—

5 (A) the results of the request for informa-
6 tion issued under paragraph (2); and

7 (B) a written certification that—

8 (i) as part of the request for informa-
9 tion, the Secretary solicited information on
10 commercially available off-the-shelf soft-
11 ware solutions that may be used to en-
12 hance the advanced skills management
13 software system of the Navy; and

14 (ii) the Secretary has considered using
15 such solutions.

16 (c) ADVANCED SKILLS MANAGEMENT SOFTWARE
17 SYSTEM DEFINED.—In this section, the term “advanced
18 skills management software system” means a software ap-
19 plication designed to—

20 (1) identify job task requirements for Navy per-
21 sonnel;

22 (2) assist in determining the proficiencies of
23 such personnel;

24 (3) document qualifications and certifications of
25 such personnel; and

1 (4) track the technical training completed by
2 Navy aviation maintenance personnel.

3 **SEC. 344. COST-BENEFIT ANALYSIS OF UNIFORM SPECI-**
4 **FICATIONS FOR AFGHAN MILITARY OR SECU-**
5 **RITY FORCES.**

6 Beginning on the date of the enactment of this Act,
7 whenever the Secretary of Defense enters into a contract
8 for the provision of uniforms for Afghan military or secu-
9 rity forces, the Secretary shall conduct a cost-benefit anal-
10 ysis of the uniform specification for the Afghan military
11 or security forces uniform. Such analysis shall deter-
12 mine—

13 (1) whether there is a more effective alternative
14 uniform specification, considering both operational
15 environment and cost, available to the Afghan mili-
16 tary or security forces;

17 (2) the efficacy of the existing pattern com-
18 pared to other alternatives (both proprietary and
19 non-proprietary patterns; and

20 (3) the costs and feasibility of transitioning the
21 uniforms of the Afghan military or security forces to
22 a pattern owned by the United States, using existing
23 excess inventory where available, and acquiring the
24 rights to the Spec4ce Forest pattern.

1 **SEC. 345. INCREASE IN FUNDING FOR CIVIL MILITARY PRO-**
2 **GRAMS.**

3 (a) INCREASE.—Notwithstanding the amounts set
4 forth in the funding tables in division D, the amount au-
5 thorized to be appropriated for operation and mainte-
6 nance, Defense-wide, as specified in the corresponding
7 funding table in section 4301, for Civil Military Programs
8 is hereby increased by \$25,000,000 (to be used in support
9 of the National Guard Youth Challenge Program).

10 (b) OFFSET.—Notwithstanding the amounts set forth
11 in the funding tables in division D, the amount authorized
12 to be appropriated for operation and maintenance, De-
13 fense-wide, as specified in the corresponding funding table
14 in section 4301, for Operation and Maintenance, Defense-
15 wide is hereby reduced by \$25,000,000.

16 **SEC. 346. REPORT ON MATERNITY UNIFORMS.**

17 (a) REPORT REQUIRED.—Not later than 90 days
18 after the date of the enactment of this Act, the Secretary
19 of Defense shall issue to the congressional defense com-
20 mittees a report regarding maternity uniforms for preg-
21 nant members of the Armed Forces.

22 (b) ELEMENTS.—The report under subsection (a)
23 shall address the following:

24 (1) The design of maternity uniforms.

25 (2) Materials used in the fabrication of mater-
26 nity uniforms.

- 1 (3) The sizing of maternity uniforms.
- 2 (4) Prices of maternity uniforms.
- 3 (5) The availability of maternity uniforms.
- 4 (6) The quality of maternity uniforms.
- 5 (7) The utility of maternity uniforms.

6 **SEC. 347. STATUS OF COMPLIANCE WITH PROCESS FOR**
7 **COMMUNICATING AVAILABILITY OF SURPLUS**
8 **AMMUNITION.**

9 Not later than 30 days after the date of the enact-
10 ment of this Act, the Under Secretary of Defense for Ac-
11 quisition, Technology, and Logistics shall provide to the
12 congressional defense committees a briefing on the status
13 of compliance with section 344 of the National Defense
14 Authorization Act for Fiscal Year 2017 (Public Law 114–
15 328; 130 Stat. 2084).

16 **SEC. 348. INCREASE IN FUNDING FOR NATIONAL GUARD**
17 **COUNTER-DRUG PROGRAMS.**

18 (a) INCREASE.—Notwithstanding the amounts set
19 forth in the funding tables in division D, the amount au-
20 thorized to be appropriated in section 1403 for drug inter-
21 diction and counter-drug activities, Defense-wide, as speci-
22 fied in the corresponding funding table in section 4501,
23 for drug interdiction and counter-drug activities, Defense-
24 wide, is hereby increased by \$10,000,000 (to be used in
25 support of the National Guard counter-drug programs).

1 (b) OFFSET.—Notwithstanding the amounts set forth
2 in the funding tables in division D, the amount authorized
3 to be appropriated in section 201 for research, develop-
4 ment, test, and evaluation, Defense-wide, as specified in
5 the corresponding funding table in section 4201, for Oper-
6 ational System Development, Global Command and Con-
7 trol System, Line 210, is hereby reduced by \$10,000,000.

8 **TITLE IV—MILITARY**

9 **PERSONNEL AUTHORIZATIONS**

10 **Subtitle A—Active Forces**

11 **SEC. 401. END STRENGTHS FOR ACTIVE FORCES.**

12 The Armed Forces are authorized strengths for active
13 duty personnel as of September 30, 2018, as follows:

14 (1) The Army, 486,000.

15 (2) The Navy, 327,900.

16 (3) The Marine Corps, 185,000.

17 (4) The Air Force, 325,100.

18 **SEC. 402. REVISIONS IN PERMANENT ACTIVE DUTY END**

19 **STRENGTH MINIMUM LEVELS.**

20 Section 691(b) of title 10, United States Code, is
21 amended by striking paragraphs (1) through (4) and in-
22 serting the following new paragraphs:

23 “(1) For the Army, 486,000.

24 “(2) For the Navy, 327,900.

25 “(3) For the Marine Corps, 185,000.

1 “(4) For the Air Force, 325,100.”.

2 **Subtitle B—Reserve Forces**

3 **SEC. 411. END STRENGTHS FOR SELECTED RESERVE.**

4 (a) IN GENERAL.—The Armed Forces are authorized
5 strengths for Selected Reserve personnel of the reserve
6 components as of September 30, 2018, as follows:

7 (1) The Army National Guard of the United
8 States, 347,000.

9 (2) The Army Reserve, 202,000.

10 (3) The Navy Reserve, 59,000.

11 (4) The Marine Corps Reserve, 38,500.

12 (5) The Air National Guard of the United
13 States, 106,600.

14 (6) The Air Force Reserve, 69,800.

15 (7) The Coast Guard Reserve, 7,000.

16 (b) END STRENGTH REDUCTIONS.—The end
17 strengths prescribed by subsection (a) for the Selected Re-
18 serve of any reserve component shall be proportionately
19 reduced by—

20 (1) the total authorized strength of units orga-
21 nized to serve as units of the Selected Reserve of
22 such component which are on active duty (other
23 than for training) at the end of the fiscal year; and

24 (2) the total number of individual members not
25 in units organized to serve as units of the Selected

1 Reserve of such component who are on active duty
2 (other than for training or for unsatisfactory partici-
3 pation in training) without their consent at the end
4 of the fiscal year.

5 (c) END STRENGTH INCREASES.—Whenever units or
6 individual members of the Selected Reserve for any reserve
7 component are released from active duty during any fiscal
8 year, the end strength prescribed for such fiscal year for
9 the Selected Reserve of such reserve component shall be
10 increased proportionately by the total authorized strengths
11 of such units and by the total number of such individual
12 members.

13 **SEC. 412. END STRENGTHS FOR RESERVES ON ACTIVE**
14 **DUTY IN SUPPORT OF THE RESERVES.**

15 Within the end strengths prescribed in section
16 411(a), the reserve components of the Armed Forces are
17 authorized, as of September 30, 2018, the following num-
18 ber of Reserves to be serving on full-time active duty or
19 full-time duty, in the case of members of the National
20 Guard, for the purpose of organizing, administering, re-
21 cruiting, instructing, or training the reserve components:

22 (1) The Army National Guard of the United
23 States, 30,155.

24 (2) The Army Reserve, 16,261.

25 (3) The Navy Reserve, 10,101.

1 (4) The Marine Corps Reserve, 2,261.

2 (5) The Air National Guard of the United
3 States, 16,260.

4 (6) The Air Force Reserve, 3,588.

5 **SEC. 413. END STRENGTHS FOR MILITARY TECHNICIANS**
6 **(DUAL STATUS).**

7 (a) IN GENERAL.—The authorized number of mili-
8 tary technicians (dual status) as of September 30, 2018,
9 for the reserve components of the Army and the Air Force
10 (notwithstanding section 129 of title 10, United States
11 Code) shall be the following:

12 (1) For the Army National Guard of the United
13 States, 25,507.

14 (2) For the Army Reserve, 7,427.

15 (3) For the Air National Guard of the United
16 States, 21,893.

17 (4) For the Air Force Reserve, 10,160.

18 (b) VARIANCE.—Notwithstanding section 115 of title
19 10, United States Code, the end strength prescribed by
20 subsection (a) for a reserve component specified in that
21 subsection may be increased—

22 (1) by 3 percent, upon determination by the
23 Secretary of Defense that such action is in the na-
24 tional interest; and

1 (2) by 2 percent, upon determination by the
2 Secretary of the military department concerned that
3 such action would enhance manning and readiness in
4 essential units or in critical specialties or ratings.

5 **SEC. 414. FISCAL YEAR 2018 LIMITATION ON NUMBER OF**
6 **NON-DUAL STATUS TECHNICIANS.**

7 (a) LIMITATIONS.—

8 (1) NATIONAL GUARD.—Within the limitation
9 provided in section 10217(c)(2) of title 10, United
10 States Code, the number of non-dual status techni-
11 cians employed by the National Guard as of Sep-
12 tember 30, 2018, may not exceed the following:

13 (A) For the Army National Guard of the
14 United States, 1,600.

15 (B) For the Air National Guard of the
16 United States, 350.

17 (2) ARMY RESERVE.—The number of non-dual
18 status technicians employed by the Army Reserve as
19 of September 30, 2018, may not exceed 420.

20 (3) AIR FORCE RESERVE.—The number of non-
21 dual status technicians employed by the Air Force
22 Reserve as of September 30, 2018, may not exceed
23 90.

24 (b) NON-DUAL STATUS TECHNICIANS DEFINED.—In
25 this section, the term “non-dual status technician” has the

1 meaning given that term in section 10217(a) of title 10,
2 United States Code.

3 **SEC. 415. MAXIMUM NUMBER OF RESERVE PERSONNEL AU-**
4 **THORIZED TO BE ON ACTIVE DUTY FOR**
5 **OPERATIONAL SUPPORT.**

6 During fiscal year 2018, the maximum number of
7 members of the reserve components of the Armed Forces
8 who may be serving at any time on full-time operational
9 support duty under section 115(b) of title 10, United
10 States Code, is the following:

11 (1) The Army National Guard of the United
12 States, 17,000.

13 (2) The Army Reserve, 13,000.

14 (3) The Navy Reserve, 6,200.

15 (4) The Marine Corps Reserve, 3,000.

16 (5) The Air National Guard of the United
17 States, 16,000.

18 (6) The Air Force Reserve, 14,000.

19 **Subtitle C—Authorization of**
20 **Appropriations**

21 **SEC. 421. MILITARY PERSONNEL.**

22 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
23 are hereby authorized to be appropriated for fiscal year
24 2018 for the use of the Armed Forces and other activities
25 and agencies of the Department of Defense for expenses,

1 not otherwise provided for, for military personnel, as spec-
2 ified in the funding table in section 4401.

3 (b) CONSTRUCTION OF AUTHORIZATION.—The au-
4 thorization of appropriations in subsection (a) supersedes
5 any other authorization of appropriations (definite or in-
6 definite) for such purpose for fiscal year 2018.

7 **TITLE V—MILITARY PERSONNEL** 8 **POLICY**

9 **Subtitle A—Regular and Reserve** 10 **Component Management**

11 **SEC. 501. MODIFICATION OF REQUIREMENTS RELATING TO** 12 **CONVERSION OF CERTAIN MILITARY TECHN-** 13 **CIAN (DUAL STATUS) POSITIONS TO CIVILIAN** 14 **POSITIONS.**

15 (a) REVISED REDUCTION AND DEADLINE.—Section
16 1053(a)(1) of the National Defense Authorization Act for
17 Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 10216
18 note), as amended by section 1084(a)(1) of the National
19 Defense Authorization Act for Fiscal Year 2017 (Public
20 Law 114–328; 130 Stat. 2421), is further amended—

21 (1) by striking “October 1, 2017” and inserting
22 “October 1, 2018”; and

23 (2) by striking “20 percent” and inserting “4.8
24 percent”.

1 (b) REPORTING REQUIREMENT.—Not later than
2 March 1, 2018, the Secretary of Defense shall submit to
3 the Committees on Armed Services of the Senate and the
4 House of Representatives and the Committee on Oversight
5 and Government Reform of the House of Representatives
6 a report containing such recommendations as the Sec-
7 retary considers appropriate for revising section 709 of
8 title 32, United States Code, regarding the employment,
9 use, and status of military technicians in the National
10 Guard. The Secretary shall prepare the recommendations
11 in consultation with the Secretary of the Army, the Sec-
12 retary of the Air Force, and the Chief of the National
13 Guard Bureau.

14 **SEC. 502. PILOT PROGRAM ON USE OF RETIRED SENIOR**
15 **ENLISTED MEMBERS OF THE ARMY NA-**
16 **TIONAL GUARD AS ARMY NATIONAL GUARD**
17 **RECRUITERS.**

18 (a) PILOT PROGRAM AUTHORIZED.—The Secretary
19 of the Army may carry out a pilot program for the Army
20 National Guard under which retired senior enlisted mem-
21 bers of the Army National Guard would serve as contract
22 recruiters for the Army National Guard.

23 (b) OBJECTIVES OF PILOT PROGRAM.—The Sec-
24 retary of the Army shall design any pilot program con-
25 ducted under this section to determine the following:

1 (1) The feasibility and effectiveness of hiring
2 retired senior enlisted members of the Army Na-
3 tional Guard who have retired within the previous
4 two years to serve as recruiters.

5 (2) The merits of hiring such retired senior en-
6 listed members as contractors or as employees of the
7 Department of Defense.

8 (3) The best method of providing a competitive
9 compensation package for such retired senior en-
10 listed members.

11 (4) The merits of requiring such retired senior
12 enlisted members to wear a military uniform while
13 performing recruiting duties under the pilot pro-
14 gram.

15 (c) CONSULTATION.—In developing a pilot program
16 under this section, the Secretary of the Army shall consult
17 with the operators of a previous pilot program carried out
18 by the Army involving the use of contract recruiters.

19 (d) COMMENCEMENT AND DURATION.—The Sec-
20 retary of the Army may commence a pilot program under
21 this section on or after January 1, 2018, and all activities
22 under such a pilot program shall terminate no later than
23 December 31, 2022.

24 (e) REPORTING REQUIREMENT.—If a pilot program
25 is conducted under this section, the Secretary of the Army

1 shall submit to the Committees on Armed Services of the
2 House of Representatives and the Senate a report con-
3 taining an evaluation of the success of the pilot program,
4 including the determinations described in subsection (b).
5 The report shall be submitted not later than January 1,
6 2020.

7 **SEC. 503. EQUAL TREATMENT OF ORDERS TO SERVE ON AC-**
8 **TIVE DUTY UNDER SECTION 12304A AND**
9 **12304B OF TITLE 10, UNITED STATES CODE.**

10 (a) **ELIGIBILITY OF RESERVE COMPONENT MEM-**
11 **BERS FOR PRE-MOBILIZATION HEALTH CARE.**—Section
12 1074(d)(2) of title 10, United States Code, is amended
13 by striking “in support of a contingency operation under”
14 and inserting “under section 12304b of this title or”.

15 (b) **ELIGIBILITY OF RESERVE COMPONENT MEM-**
16 **BERS FOR TRANSITIONAL HEALTH CARE.**—Section
17 1145(a)(2)(B) of title 10, United States Code, is amended
18 by striking “in support of a contingency operation” and
19 inserting “under section 12304b of this title or a provision
20 of law referred to in section 101(a)(13)(B) of this title”.

21 **SEC. 504. DIRECT EMPLOYMENT PILOT PROGRAM FOR**
22 **MEMBERS OF THE NATIONAL GUARD AND RE-**
23 **SERVE.**

24 (a) **PROGRAM AUTHORITY.**—The Secretary of De-
25 fense may carry out a pilot program to enhance the efforts

1 of the Department of Defense to provide job placement
2 assistance and related employment services directly to
3 members in the National Guard and Reserves.

4 (b) ADMINISTRATION.—The pilot program shall be
5 offered to, and administered by, the adjutants general ap-
6 pointed under section 314 of title 32, United States Code.

7 (c) COST-SHARING REQUIREMENT.—As a condition
8 on the provision of funds under this section to a State
9 to support the operation of the pilot program in the State,
10 the State must agree to contribute an amount, derived
11 from non-Federal sources, equal to at least 30 percent of
12 the funds provided by the Secretary of Defense under this
13 section.

14 (d) DIRECT EMPLOYMENT PROGRAM MODEL.—The
15 pilot program should follow a job placement program
16 model that focuses on working one-on-one with a member
17 of a reserve component to cost-effectively provide job
18 placement services, including services such as identifying
19 unemployed and under employed members, job matching
20 services, resume editing, interview preparation, and post-
21 employment follow up. Development of the pilot program
22 should be informed by State direct employment programs
23 for members of the reserve components, such as the pro-
24 grams conducted in California and South Carolina.

1 (e) EVALUATION.—The Secretary of Defense shall
2 develop outcome measurements to evaluate the success of
3 the pilot program.

4 (f) REPORTING REQUIREMENTS.—

5 (1) REPORT REQUIRED.—Not later than Janu-
6 ary 31, 2022, the Secretary of Defense shall submit
7 to the Committees on Armed Services of the Senate
8 and the House of Representatives a report describ-
9 ing the results of the pilot program. The Secretary
10 shall prepare the report in coordination with the
11 Chief of the National Guard Bureau.

12 (2) ELEMENTS OF REPORT.—A report under
13 paragraph (1) shall include the following:

14 (A) A description and assessment of the ef-
15 fectiveness and achievements of the pilot pro-
16 gram, including the number of members of the
17 reserve components hired and the cost-per-
18 placement of participating members.

19 (B) An assessment of the impact of the
20 pilot program and increased reserve component
21 employment levels on the readiness of members
22 of the reserve components.

23 (C) Any other matters considered appro-
24 priate by the Secretary.

25 (g) DURATION OF AUTHORITY.—

1 (1) IN GENERAL.—The authority to carry out
2 the pilot program expires September 30, 2020.

3 (2) EXTENSION.—Upon the expiration of the
4 authority under paragraph (1), the Secretary of De-
5 fense may extend the pilot program for not more
6 than two additional fiscal years.

7 **SEC. 505. DESIGNATING THE EXPLOSIVE ORDNANCE DIS-**
8 **POSAL CORPS AS A BASIC BRANCH OF THE**
9 **ARMY.**

10 Section 3063(a) of title 10, United States Code, is
11 amended—

12 (1) in paragraph (12), by striking “and”;

13 (2) by redesignating paragraph (13) as para-
14 graph (14); and

15 (3) by inserting after paragraph (12) the fol-
16 lowing new paragraph (13):

17 “(13) Explosive Ordnance Disposal Corps;
18 and”.

1 **Subtitle B—General Service Au-**
2 **thorities and Correction of Mili-**
3 **tary Records**

4 **SEC. 511. CONSIDERATION OF ADDITIONAL MEDICAL EVI-**
5 **DENCE BY BOARDS FOR THE CORRECTION**
6 **OF MILITARY RECORDS AND LIBERAL CON-**
7 **SIDERATION OF EVIDENCE RELATING TO**
8 **POST-TRAUMATIC STRESS DISORDER OR**
9 **TRAUMATIC BRAIN INJURY.**

10 (a) IN GENERAL.—Section 1552 of title 10, United
11 States Code, is amended—

12 (1) by redesignating subsections (h) and (i) as
13 subsections (i) and (j), respectively; and

14 (2) by inserting after subsection (g) the fol-
15 lowing new subsection (h):

16 “(h)(1) This subsection applies to a former member
17 of the armed forces whose claim under this section for re-
18 view of a discharge or dismissal is based in whole or in
19 part on matters relating to post-traumatic stress disorder
20 or traumatic brain injury as supporting rationale, or as
21 justification for priority consideration, and whose post-
22 traumatic stress disorder or traumatic brain injury is re-
23 lated to combat or military sexual trauma, as determined
24 by the Secretary concerned.

1 “(2) In the case of a claimant described in paragraph
2 (1), a board established under subsection (a)(1) shall—

3 “(A) review medical evidence of the Secretary
4 of Veterans Affairs or a civilian health care provider
5 that is presented by the claimant; and

6 “(B) review the claim with liberal consideration
7 to the claimant that post-traumatic stress disorder
8 or traumatic brain injury potentially contributed to
9 the circumstances resulting in the discharge or dis-
10 missal or to the original characterization of the
11 claimant’s discharge or dismissal.”.

12 (b) CONFORMING AMENDMENT.—Section
13 1553(d)(3)(A)(ii) of title 10, United States Code, is
14 amended by striking “discharge of a lesser characteriza-
15 tion” and inserting “discharge or dismissal or to the origi-
16 nal characterization of the member’s discharge or dis-
17 missal”.

18 **SEC. 512. PUBLIC AVAILABILITY OF INFORMATION RE-**
19 **LATED TO DISPOSITION OF CLAIMS REGARD-**
20 **ING DISCHARGE OR RELEASE OF MEMBERS**
21 **OF THE ARMED FORCES WHEN THE CLAIMS**
22 **INVOLVE SEXUAL ASSAULT.**

23 (a) **BOARDS FOR THE CORRECTION OF MILITARY**
24 **RECORDS.**—Subsection (i) of section 1552, United States

1 Code, as redesignated by section 511, is amended by add-
2 ing at the end the following new paragraph:

3 “(4) The number and disposition of claims de-
4 cided during the calendar quarter preceding the cal-
5 endar quarter in which such information is made
6 available in which sexual assault is alleged to have
7 contributed, whether in whole or in part, to the
8 original characterization of the discharge or release
9 of the claimant.”.

10 (b) DISCHARGE REVIEW BOARDS.—Section 1553(f)
11 of title 10, United States Code, is amended by adding at
12 the end the following new paragraph:

13 “(4) The number and disposition of claims de-
14 cided during the calendar quarter preceding the cal-
15 endar quarter in which such information is made
16 available in which sexual assault is alleged to have
17 contributed, whether in whole or in part, to the
18 original characterization of the discharge or release
19 of the claimant.”.

20 **SEC. 513. PILOT PROGRAM ON USE OF VIDEO TELECONFER-**
21 **ENCING TECHNOLOGY BY BOARDS FOR THE**
22 **CORRECTION OF MILITARY RECORDS AND**
23 **DISCHARGE REVIEW BOARDS.**

24 (a) PILOT PROGRAM AUTHORIZED.—The Secretary
25 of Defense may carry out a pilot program under which

1 boards for the correction of military records established
2 under section 1552 of title 10, United States Code, and
3 discharge review boards established under section 1553 of
4 such title are authorized to utilize video teleconferencing
5 technology in the performance of their duties.

6 (b) PURPOSE.—The purpose of the pilot program is
7 to evaluate the feasibility and cost-effectiveness of utilizing
8 video teleconferencing technology to allow persons who
9 raise a claim before a board for the correction of military
10 records, persons who request a review by a discharge re-
11 view board, and witnesses who present evidence to such
12 a board to appear before such a board without being phys-
13 ically present.

14 (c) IMPLEMENTATION.—As part of the pilot program,
15 the Secretary of Defense shall make funds available to de-
16 velop the capabilities of boards for the correction of mili-
17 tary records and discharge review boards to effectively use
18 video teleconferencing technology.

19 (d) NO EXPANSION OF ELIGIBILITY.—Nothing in the
20 pilot program is intended to alter the eligibility criteria
21 of persons who may raise a claim before a board for the
22 correction of military records, request a review by a dis-
23 charge review board, or present evidence to such a board.

1 (e) TERMINATION.—The authority of the Secretary
2 of Defense to carry out the pilot program shall terminate
3 on December 31, 2020.

4 **SEC. 514. INCLUSION OF SPECIFIC EMAIL ADDRESS BLOCK**
5 **ON CERTIFICATE OF RELEASE OR DIS-**
6 **CHARGE FROM ACTIVE DUTY (DD FORM 214).**

7 (a) MODIFICATION REQUIRED.—The Secretary of
8 Defense shall modify the Certificate of Release or Dis-
9 charge from Active Duty (DD Form 214) to include a spe-
10 cific block explicitly identified as the location in which a
11 member of the Armed Forces may provide one or more
12 email addresses by which the member may be contacted
13 after discharge or release from active duty in the Armed
14 Forces.

15 (b) DEADLINE FOR MODIFICATION.—The Secretary
16 of Defense shall release a revised Certificate of Release
17 or Discharge from Active Duty (DD Form 214), modified
18 as required by subsection (a), not later than one year after
19 the date of the enactment of this Act.

20 **SEC. 515. PROVISION OF INFORMATION ON NATURALIZA-**
21 **TION THROUGH MILITARY SERVICE.**

22 The Secretary of Defense shall ensure that members
23 of the Army, Navy, Air Force, and Marine Corps who are
24 aliens lawfully admitted to the United States for perma-
25 nent residence are informed of the availability of natu-

1 ralization through service in the Armed Forces under sec-
2 tion 328 of the Immigration and Nationality Act (8 U.S.C.
3 1439) and the process by which to pursue naturalization.
4 The Secretary shall ensure that resources are available to
5 assist qualified members of the Armed Forces to navigate
6 the application and naturalization process.

7 **SEC. 516. TRAINING REQUIREMENTS.**

8 (a) MEMBERS OF BOARDS FOR THE CORRECTION OF
9 MILITARY RECORDS.—Section 534(c)(1) of the National
10 Defense Authorization Act for Fiscal Year 2017 (Public
11 Law 114–328; 10 U.S.C. 1552 note) is amended by add-
12 ing at the end the following new sentence: “This cur-
13 riculum shall also address the proper handling of claims
14 in which a sex-related offense is alleged to have contrib-
15 uted to the original characterization of the discharge or
16 release of the claimant, including guidelines for the consid-
17 eration of evidence substantiating such allegations in ac-
18 cordance with the requirements of section 1554b(b)(3) of
19 title 10, United States Code.”.

20 (b) DEPARTMENT OF DEFENSE PERSONNEL WHO
21 INVESTIGATE CLAIMS OF RETALIATION.—Section 546(a)
22 of the National Defense Authorization Act for Fiscal Year
23 2017 (Public Law 114–328) is amended by striking “sec-
24 tion.” and inserting “section, including guidelines for the
25 consideration of evidence substantiating such allegations

1 in accordance with the requirements of section
2 1554b(b)(3) of title 10, United States Code.”.

3 **SEC. 517. CONFIDENTIAL REVIEW OF CHARACTERIZATION**
4 **OF TERMS OF DISCHARGE OF MEMBERS WHO**
5 **ARE SURVIVORS OF SEX-RELATED OFFENSES.**

6 (a) CODIFICATION OF CURRENT CONFIDENTIAL
7 PROCESS.—

8 (1) CODIFICATION.—Chapter 79 of title 10,
9 United States Code, is amended by inserting after
10 section 1554a a new section 1554b consisting of—

11 (A) a heading as follows:

12 **“§ 1554b. Confidential review of characterization of**
13 **terms of discharge of members of the**
14 **armed forces who are survivors of sex-re-**
15 **lated offenses”;** and

16 (B) a text consisting of the text of section
17 547 of the National Defense Authorization Act
18 for Fiscal Year 2015 (10 U.S.C. 1553 note,
19 Public Law 113–291).

20 (2) CLERICAL AMENDMENT.—The table of sec-
21 tions at the beginning of chapter 79 of such title is
22 amended by inserting after the item relating to sec-
23 tion 1554a the following new item:

“1554b. Confidential review of characterization of terms of discharge of mem-
bers of the armed forces who are survivors of sex-related of-
fenses.”.

1 (3) CONFORMING REPEAL.—Section 547 of the
2 National Defense Authorization Act for Fiscal Year
3 2015 (10 U.S.C. 1553 note, Public Law 113–291)
4 is repealed.

5 (b) CLARIFICATION OF APPLICABILITY TO INDIVID-
6 UALS WHO ALLEGE SEX-RELATED OFFENSES DURING
7 MILITARY SERVICE.—Subsection (a) of section 1554b of
8 title 10, United States Code, as added by subsection (a)
9 of this section, is amended by striking “sex-related of-
10 fense” and inserting the following: “sex-related offense, or
11 alleges that the individual was the survivor of a sex-related
12 offense,”.

13 (c) CONFORMING AMENDMENTS.—Section 1554b of
14 title 10, United States Code, as added by subsection (a),
15 is further amended—

16 (1) by striking “Armed Forces” each place it
17 appears in subsections (a) and (b) and inserting
18 “armed forces”;

19 (2) in subsection (a)—

20 (A) by striking “boards for the correction
21 of military records of the military department
22 concerned” and inserting “boards of the mili-
23 tary department concerned established in ac-
24 cordance with this chapter”; and

1 (B) by striking “such an offense” and in-
 2 serting “a sex-related offense”;

3 (3) in subsection (b), striking “boards for the
 4 correction of military records” in the matter pre-
 5 ceding paragraph (1) and inserting “boards of the
 6 military department concerned established in accord-
 7 ance with this chapter”; and

8 (4) in subsection (e), as redesignated by sub-
 9 section (d)(1)—

10 (B) in paragraph (1), by striking “title 10,
 11 United States Code” and inserting “this title”;
 12 and

13 (C) in paragraphs (2) and (3), by striking
 14 “such title” and inserting “this title”.

15 **Subtitle C—Military Justice and**
 16 **Other Legal Issues**

17 **SEC. 521. CLARIFYING AMENDMENTS RELATED TO THE**
 18 **UNIFORM CODE OF MILITARY JUSTICE RE-**
 19 **FORM BY THE MILITARY JUSTICE ACT OF**
 20 **2016.**

21 (a) ENFORCEMENT OF RIGHTS OF VICTIMS OF OF-
 22 FENSES UNDER UCMJ.—Section 806b(e)(3) of title 10,
 23 United States Code (article 6b(e)(3) of the Uniform Code
 24 of Military Justice), is amended—

25 (1) by inserting “(A)” after “(3)”;

1 (2) by striking “President, and, to the extent
2 practicable, shall have priority over all other pro-
3 ceedings before the court.” and inserting the fol-
4 lowing; “President, subject to section 830a of this
5 title (article 30a).”; and

6 (3) by adding at the end the following new sub-
7 paragraphs:

8 “(B) To the extent practicable, a petition for a writ
9 of mandamus described in this subsection shall have pri-
10 ority over all other proceedings before the Court of Crimi-
11 nal Appeals.

12 “(C) Review of any decision by the Court of Criminal
13 Appeals on a petition for a writ of mandamus described
14 in this subsection shall have priority in the Court of Ap-
15 peals for the Armed Forces, as determined under the rules
16 of the Court of Appeals for the Armed Forces.”.

17 (b) REVIEW OF CERTAIN MATTERS BEFORE REFER-
18 RAL OF CHARGES AND SPECIFICATIONS.—Subsection
19 (a)(1) of section 830a of title 10, United States Code (ar-
20 ticle 30a of the Uniform Code of Military Justice), as
21 added by section 5202 of the Military Justice Act of 2016
22 (division E of Public Law 114–328; 130 Stat. 2904), is
23 amended by adding at the end the following new subpara-
24 graph:

1 “(D) Pre-referral matters under subsection (c)
2 or (e) of section 806b of this title (article 6b).”.

3 (c) DEFENSE COUNSEL ASSISTANCE IN POST-TRIAL
4 MATTERS FOR ACCUSED CONVICTED BY COURT-MAR-
5 TIAL.—Section 838(c)(2) of title 10, United States Code
6 (article 38(c)(2) of the Uniform Code of Military Justice),
7 is amended by striking “section 860 of this title (article
8 60)” and inserting “section 860, 860a, or 860b of this
9 title (article 60, 60a, or 60b)”.

10 (d) LIMITATION ON ACCEPTANCE OF PLEA AGREE-
11 MENTS.—Subsection (b) of section 853a of title 10,
12 United States Code (article 53a of the Uniform Code of
13 Military Justice), as added by section 5237 of the Military
14 Justice Act of 2016 (division E of Public Law 114–328;
15 130 Stat. 2917), is amended—

16 (1) in paragraph (2), by striking “or” after the
17 semicolon;

18 (2) in paragraph (3), by striking the period and
19 inserting a semicolon; and

20 (3) by adding at the end the following new
21 paragraphs:

22 “(4) is prohibited by law; or

23 “(5) is contrary to, or is inconsistent with, a
24 regulation prescribed by the President with respect

1 to terms, conditions, or other aspects of plea agree-
2 ments.”.

3 (e) APPLICABILITY OF STANDARDS AND PROCE-
4 DURES TO SENTENCE APPEAL BY THE UNITED
5 STATES.—Subsection (d)(1) of section 856 of title 10,
6 United States Code (article 56 of the Uniform Code of
7 Military Justice), as added by section 5301 of the Military
8 Justice Act of 2016 (division E of Public Law 114–328;
9 130 Stat. 2919), is amended—

10 (1) in the matter preceding subparagraph (A),
11 by inserting after “concerned,” the following: “and
12 consistent with standards and procedures set forth
13 in regulations prescribed by the President,”; and

14 (2) in subparagraph (B), by inserting before
15 the period at the end the following: “, as determined
16 in accordance with standards and procedures pre-
17 scribed by the President”.

18 (f) SENTENCE OF REDUCTION IN ENLISTED
19 GRADE.—

20 (1) IN GENERAL.—Subsection (a) of section
21 858a of title 10, United States Code (article 58a of
22 the Uniform Code of Military Justice), as amended
23 by section 5303(1) of the Military Justice Act of
24 2016 (division E of Public Law 114–328; 130 Stat.
25 2923), is further amended in the matter after para-

1 graph (3) by striking “, effective on the date” and
2 inserting the following: “, if such a reduction is au-
3 thorized by regulation prescribed by the President.
4 The reduction in pay grade shall take effect on the
5 date”.

6 (2) SECTION HEADING.—The heading of section
7 858a of title 10, United States Code (article 58a of
8 the Uniform Code of Military Justice), is amended
9 to read as follows:

10 **“§ 858a. Art 58a. Sentences: reduction in enlisted**
11 **grade”.**

12 (3) CLERICAL AMENDMENT.—The table of sec-
13 tions at the beginning of subchapter VIII of chapter
14 47 of title 10, United States Code (the Uniform
15 Code of Military Justice) is amended by striking the
16 item relating to section 858a (article 58a) and in-
17 serting the following new item:

“858a. 58a. Sentences: reduction in enlisted grade.”.

18 (g) CONVENING AUTHORITY AUTHORITIES.—Section
19 858b(b) of title 10, United States Code (article 58b(b) of
20 the Uniform Code of Military Justice), is amended in the
21 first sentence by striking “section 860 of this title (article
22 60)” and inserting “section 860a or 860b of this title (ar-
23 ticle 60a or 60b)”.

24 (h) APPEAL BY THE UNITED STATE.—Section
25 862(b) of title 10, United States Code (article 62(b) of

1 the Uniform Code of Military Justice), is amended by
2 striking “, notwithstanding section 866(c) of this title (ar-
3 ticle 66(c))”.

4 (i) REHEARING AND SENTENCING.—Subsection (b)
5 of section 863 of title 10, United States Code (article 63
6 of the Uniform Code of Military Justice), as added by sec-
7 tion 5327 of the Military Justice Act of 2016 (division
8 E of Public Law 114–328; 130 Stat. 2929), is amended
9 by inserting before the period at the end the following:
10 “, subject to such limitations as the President may pre-
11 scribe by regulation”.

12 (j) COURTS OF CRIMINAL APPEALS.—Section 866 of
13 title 10, United States Code (article 66 of the Uniform
14 Code of Military Justice), as amended by section 5330 of
15 the Military Justice Act of 2016 (division E of Public Law
16 114–328; 130 Stat. 2932), is further amended—

17 (1) in subsection (e)(2)(C), by inserting after
18 “required” the following: “by regulation prescribed
19 by the President or”; and

20 (2) in subsection (f)(3), by adding at the end
21 the following new sentence: “If the Court of Appeals
22 for the Armed Forces determines that additional
23 proceedings are warranted, the Court of Criminal
24 Appeals shall order a hearing or other proceeding in

1 accordance with the direction of the Court of Ap-
2 peals for the Armed Forces.”.

3 (k) MILITARY JUSTICE REVIEW PANEL.—Subsection
4 (f) of section 946 of title 10, United States Code (article
5 146 of the Uniform Code of Military Justice), as added
6 by section 5521 of the Military Justice Act of 2016 (divi-
7 sion E of Public Law 114–328; 130 Stat. 2962), is
8 amended—

9 (1) in paragraph (1), by striking “fiscal year
10 2020” in the first sentence and inserting “fiscal
11 year 2021”;

12 (2) in paragraph (2), by striking the sentence
13 beginning “Not later than” and inserting the fol-
14 lowing new sentence: “The analysis under this para-
15 graph shall be included in the assessment required
16 by paragraph (1).”; and

17 (3) by striking paragraph (5) and inserting the
18 following new paragraph (5):

19 “(5) REPORTS.—With respect to each review
20 and assessment under this subsection, the Panel
21 shall submit a report to the Committees on Armed
22 Services of the Senate and the House of Representa-
23 tives. Each report—

24 “(A) shall set forth the results of the re-
25 view and assessment concerned, including the

1 findings and recommendations of the Panel;
2 and

3 “(B) shall be submitted not later than De-
4 cember 31 of the calendar year in which the re-
5 view and assessment is concluded.”.

6 (l) TRANSITIONAL COMPENSATION FOR DEPEND-
7 ENTS OF MEMBERS SEPARATED FOR DEPENDENT
8 ABUSE.—Section 1059(e) of title 10, United States Code,
9 is amended—

10 (1) in paragraph (1)(A)(ii), by striking “the ap-
11 proval of” and all that follows through “as ap-
12 proved,” and inserting “entry of judgment under
13 section 860c of this title (article 60c of the Uniform
14 Code of Military Justice) if the sentence”; and

15 (2) in paragraph (3)(A), by striking “by a
16 court-martial” the second place it appears and all
17 that follows through “include any such punishment,”
18 and inserting “for a dependent-abuse offense and
19 the conviction is disapproved or is otherwise not part
20 of the judgment under section 860c of this title (ar-
21 ticle 60c of the Uniform Code of Military Justice) or
22 the punishment is disapproved or is otherwise not
23 part of the judgment under such section (article),”.

24 (m) BENEFITS FOR DEPENDENTS WHO ARE VIC-
25 TIMS OF ABUSE BY MEMBERS LOSING RIGHT TO RE-

1 TIRED PAY.—Section 1408(h)(10)(A) of title 10, United
2 States Code, is amended by striking “the approval” and
3 all that follows through the end of the subparagraph and
4 inserting “entry of judgment under section 860c of this
5 title (article 60c of the Uniform Code of Military Jus-
6 tice).”.

7 (n) TREATMENT OF CERTAIN OFFENSES PENDING
8 EXECUTION OF MILITARY JUSTICE ACT OF 2016 AMEND-
9 MENTS.—

10 (1) CHILD ABUSE OFFENSES.—With respect to
11 offenses committed before the date designated by the
12 President under section 5542(a) of the Military Jus-
13 tice Act of 2016 (division E of Public Law 114–328;
14 130 Stat. 2967), subsection (b)(2)(B) of section 843
15 of title 10, United States Code (article 43 of the
16 Uniform Code of Military Justice), shall be applied
17 as in effect on December 22, 2016.

18 (2) FRAUDULENT ENLISTMENT OR APPOINT-
19 MENT OFFENSES.—With respect to the period begin-
20 ning on December 23, 2016, and ending on the day
21 before the date designated by the President under
22 section 5542(a) of the Military Justice Act of 2016
23 (division E of Public Law 114–328; 130 Stat.
24 2967), in the application of subsection (h) of section
25 843 of title 10, United States Code (article 43 of the

1 Uniform Code of Military Justice), as added by sec-
2 tion 5225(b) of that Act (130 Stat. 2909), the ref-
3 erence in such subsection (h) to section 904a(1) of
4 title 10, United States Code (article 104a(1) of the
5 Uniform Code of Military Justice), shall be deemed
6 to be a reference to section 883(1) of title 10,
7 United States Code (article 83(1) of the Uniform
8 Code of Military Justice).

9 (o) EFFECTIVE DATE.—The amendments made by
10 this section shall take effect immediately after the amend-
11 ments made by the Military Justice Act of 2016 (division
12 E of Public Law 114–328) take effect as provided for in
13 section 5542 of that Act (130 Stat. 2967).

14 **SEC. 522. MINIMUM CONFINEMENT PERIOD REQUIRED FOR**
15 **CONVICTION OF CERTAIN SEX-RELATED OF-**
16 **FENSES COMMITTED BY MEMBERS OF THE**
17 **ARMED FORCES.**

18 (a) MANDATORY PUNISHMENTS.—Section 856(b)(1)
19 of title 10, United States Code (article 56(b)(1) of the
20 Uniform Code of Military Justice), as amended by section
21 5301 of the Military Justice Act of 2016 (division E of
22 Public Law 114–328; 130 Stat. 2919), is further amended
23 by striking “shall include dismissal or dishonorable dis-
24 charge, as applicable.” and inserting the following: “shall
25 include, at a minimum—

1 “(A) dismissal or dishonorable discharge, as ap-
2 plicable; and

3 “(B) confinement for two years.”.

4 (b) EFFECTIVE DATE.—The amendment made by
5 subsection (a) shall take effect immediately after the
6 amendments made by the Military Justice Act of 2016 (di-
7 vision E of Public Law 114–328) take effect as provided
8 for in section 5542 of that Act (130 Stat. 2967).

9 **SEC. 523. PROHIBITION ON WRONGFUL BROADCAST OR**
10 **DISTRIBUTION OF INTIMATE VISUAL IMAGES.**

11 (a) PROHIBITION.—Subchapter X of chapter 47 of
12 title 10, United States Code, is amended by inserting after
13 section 917 (article 117 of the Uniform Code of Military
14 Justice) the following new section (article):

15 **“§ 917a. Art. 117a. Wrongful broadcast or distribution**
16 **of intimate visual images**

17 “(a) PROHIBITION.—Any person subject to this chap-
18 ter who—

19 “(1) knowingly and wrongfully broadcasts or
20 distributes an intimate visual image of a private
21 area of another person who—

22 “(A) is at least 18 years of age at the time
23 the intimate visual image was created;

1 “(B) is identifiable from the image itself or
2 from information displayed in connection with
3 the image; and

4 “(C) does not explicitly consent to the
5 broadcast or distribution of the intimate visual
6 image;

7 “(2) knows or reasonably should have known
8 that the intimate visual image was made under cir-
9 cumstances in which the person depicted in the inti-
10 mate visual image retained a reasonable expectation
11 of privacy regarding any broadcast or distribution of
12 the intimate visual image; and

13 “(3) knows or reasonably should have known
14 that the broadcast or distribution of the intimate
15 visual image is likely—

16 “(A) to cause harm, harassment, intimidat-
17 tion, emotional distress, or financial loss for the
18 person depicted in the intimate visual image; or

19 “(B) to harm substantially the depicted
20 person with respect to that person’s health,
21 safety, business, calling, career, financial condi-
22 tion, reputation, or personal relationships;

23 is guilty of wrongful distribution of intimate visual images
24 and shall be punished as a court-martial may direct.

25 “(b) DEFINITIONS.—In this section (article):

1 “(1) BROADCAST.—The term ‘broadcast’ means
2 to electronically transmit a visual image with the in-
3 tent that it be viewed by a person or persons.

4 “(2) DISTRIBUTE.—The term ‘distribute’
5 means to deliver to the actual or constructive posses-
6 sion of another person, including transmission by
7 mail or electronic means.

8 “(3) INTIMATE VISUAL IMAGE.—The term ‘inti-
9 mate visual image’ means a photograph, video, film,
10 or recording made by any means that depicts a pri-
11 vate area of a person.

12 “(4) PRIVATE AREA.—The term ‘private area’
13 means the naked or underwear-clad genitalia, anus,
14 buttocks, or female areola or nipple.

15 “(5) REASONABLE EXPECTATION OF PRI-
16 VACY.—The term ‘reasonable expectation of privacy’
17 refers to circumstances in which a reasonable person
18 would believe that an intimate visual image of a pri-
19 vate area of the person would not be broadcast or
20 distributed to another person.”.

21 (b) CLERICAL AMENDMENT.—The table of sections
22 at the beginning of subchapter X of chapter 47 of title
23 10, United States Code (the Uniform Code of Military
24 Justice), is amended by inserting after the item relating
25 to section 917 (article 117) the following new item:

“917a. 117a. Wrongful broadcast or distribution of intimate visual images.”.

1 **SEC. 524. INFORMATION FOR THE SPECIAL VICTIMS' COUN-**
2 **SEL OR VICTIMS' LEGAL COUNSEL.**

3 Section 1044e(b)(6) of title 10, United States Code,
4 is amended by adding at the end the following new sen-
5 tence: "If there is a military prosecution of the alleged
6 sex-related offense, the Special Victims' Counsel or Vic-
7 tims' Legal Counsel shall be entitled to a copy of all case
8 information and documentation that is in the possession
9 of the prosecutor, relevant to such military prosecution,
10 and not privileged."

11 **SEC. 525. SPECIAL VICTIMS' COUNSEL TRAINING REGARD-**
12 **ING THE UNIQUE CHALLENGES OFTEN**
13 **FACED BY MALE VICTIMS OF SEXUAL AS-**
14 **SAULT.**

15 The baseline Special Victims' Counsel training estab-
16 lished under section 1044e(d)(2) of title 10, United States
17 Code, shall include training for Special Victims' Counsel
18 to recognize and deal with the unique challenges often
19 faced by male victims of sexual assault.

20 **SEC. 526. GARNISHMENT TO SATISFY JUDGMENT REN-**
21 **DERED FOR PHYSICALLY, SEXUALLY, OR**
22 **EMOTIONALLY ABUSING A CHILD.**

23 (a) **GARNISHMENT AUTHORITY.**—Section 1408 of
24 title 10, United States Code, is amended by adding at the
25 end the following new subsection:

1 “(1) GARNISHMENT TO SATISFY A JUDGMENT REN-
2 DERED FOR PHYSICALLY, SEXUALLY, OR EMOTIONALLY
3 ABUSING A CHILD.—(1) Subject to paragraph (2), any
4 payment of retired pay that would otherwise be made to
5 a member shall be paid (in whole or in part) by the Sec-
6 retary concerned to another person if and to the extent
7 expressly provided for in the terms of a child abuse gar-
8 nishment order.

9 “(2) A court order providing for the payment of child
10 support or alimony or, with respect to a division of prop-
11 erty, specifically providing for the payment of an amount
12 of the disposable retired pay from a member to the spouse
13 or a former spouse of the member, shall be given priority
14 over a child abuse garnishment order. However, the limita-
15 tions on the amount of disposable retired pay available for
16 payments set forth in paragraphs (1) and (4)(B) of sub-
17 section (e) do not apply to a child abuse garnishment
18 order.

19 “(3) In this section, the term ‘court order’ includes
20 a child abuse garnishment order.

21 “(4) In this subsection, the term ‘child abuse garnish-
22 ment order’ means a final decree issued by a court that—

23 “(A) is issued in accordance with the laws of
24 the jurisdiction of that court; and

1 “(B) provides in the nature of garnishment for
2 the enforcement of a judgment rendered against the
3 member for physically, sexually, or emotionally abus-
4 ing a child.

5 “(5) For purposes of this subsection, a judgment ren-
6 dered for physically, sexually, or emotionally abusing a
7 child is any legal claim perfected through a final enforce-
8 able judgment, which claim is based in whole or in part
9 upon the physical, sexual, or emotional abuse of an indi-
10 vidual under 18 years of age, whether or not that abuse
11 is accompanied by other actionable wrongdoing, such as
12 sexual exploitation or gross negligence.

13 “(6) If the Secretary concerned is served with more
14 than one court order with respect to the retired pay of
15 a member, the disposable retired pay of the member shall
16 be available to satisfy such court orders on a first-come,
17 first-served basis, with any such process being satisfied
18 out of such moneys as remain after the satisfaction of all
19 such processes which have been previously served.

20 “(7) The Secretary concerned shall not be required
21 to vary normal pay and disbursement cycles for retired
22 pay in order to comply with a child abuse garnishment
23 order.”.

24 (b) APPLICATION OF AMENDMENT.—Subsection (l)
25 of section 1408 of title 10, United States Code, as added

1 by subsection (a), shall apply with respect to a court order
2 received by the Secretary concerned on or after the date
3 of the enactment of this Act, regardless of the date of the
4 court order.

5 **SEC. 527. INCLUSION OF INFORMATION IN ANNUAL SAPRO**
6 **REPORTS REGARDING MILITARY SEXUAL**
7 **HARASSMENT AND INCIDENTS INVOLVING**
8 **NONCONSENSUAL DISTRIBUTION OF PRI-**
9 **VATE SEXUAL IMAGES.**

10 (a) **ADDITIONAL REPORTING REQUIREMENTS.**—Sec-
11 tion 1631(b) of the Ike Skelton National Defense Author-
12 ization Act for Fiscal Year 2011 (Public Law 111–383;
13 10 U.S.C. 1561 note) is amended by adding at the end
14 the following new paragraphs:

15 “(13) Information and data collected on official
16 and unofficial reports of sexual harassment involving
17 members of the Armed Forces during the year cov-
18 ered by the report, as follows:

19 “(A) The number of substantiated and un-
20 substantiated reports.

21 “(B) A synopsis of each substantiated re-
22 port.

23 “(C) The action taken in the case of each
24 substantiated report, including the type of dis-

1 disciplinary or administrative sanction imposed, if
2 any, such as—

3 “(i) conviction and sentence by court-
4 martial;

5 “(ii) imposition of non-judicial punish-
6 ment under section 815 of title 10, United
7 States Code (article 15 of the Uniform
8 Code of Military Justice); or

9 “(iii) administrative separation or
10 other type of administrative action im-
11 posed.

12 “(14) Information and data collected during the
13 year covered by the report on each reported incident
14 involving the nonconsensual distribution by a person
15 subject to chapter 47 of title 10, United States Code
16 (the Uniform Code of Military Justice) of a private
17 sexual image of another person, including the fol-
18 lowing:

19 “(A) The number of substantiated and un-
20 substantiated reports.

21 “(B) A synopsis of each substantiated re-
22 port.

23 “(C) The action taken in the case of each
24 substantiated report, including the type of dis-

1 disciplinary or administrative sanction imposed, if
2 any, such as—

3 “(i) conviction and sentence by court-
4 martial;

5 “(ii) imposition of non-judicial punish-
6 ment under section 815 of title 10, United
7 States Code (article 15 of the Uniform
8 Code of Military Justice); or

9 “(iii) administrative separation or
10 other type of administrative action im-
11 posed.”.

12 (b) APPLICATION OF AMENDMENT.—The amendment
13 made by this section shall take effect on the date of the
14 enactment of this Act and apply beginning with the re-
15 ports required to be submitted by March 1, 2018, under
16 section 1631 of the Ike Skelton National Defense Author-
17 ization Act for Fiscal Year 2011 (Public Law 111–383;
18 10 U.S.C. 1561 note).

19 **SEC. 528. INCLUSION OF INFORMATION IN ANNUAL SAPRO**
20 **REPORTS REGARDING SEXUAL ASSAULTS**
21 **COMMITTED BY A MEMBER OF THE ARMED**
22 **FORCES AGAINST THE MEMBER’S SPOUSE OR**
23 **OTHER FAMILY MEMBER.**

24 Beginning with the reports required to be submitted
25 by March 1, 2018, under section 1631 of the Ike Skelton

1 National Defense Authorization Act for Fiscal Year 2011
2 (Public Law 111–383; 10 U.S.C. 1561 note), information
3 regarding a sexual assault committed by a member of the
4 Armed Forces against the spouse or intimate partner of
5 the member or another dependent of the member shall be
6 included in such reports in addition to the annual Family
7 Advocacy Program report. The information shall be pro-
8 vided in such reports in the same manner as information
9 is provided with respect to other official and unofficial re-
10 ports of sexual assault.

11 **SEC. 529. NOTIFICATION OF MEMBERS OF THE ARMED**
12 **FORCES UNDERGOING CERTAIN ADMINIS-**
13 **TRATIVE SEPARATIONS OF POTENTIAL ELIGI-**
14 **BILITY FOR VETERANS BENEFITS.**

15 (a) NOTIFICATION REQUIRED.—A member of the
16 Armed Forces who receives an administrative separation
17 or mandatory discharge under conditions other than hon-
18 orable shall be provided written notification that the mem-
19 ber may petition the Veterans Benefits Administration of
20 the Department of Veterans Affairs to receive, despite the
21 characterization of the member’s service, certain benefits
22 under the laws administered by the Secretary of Veterans
23 Affairs.

24 (b) DEADLINE FOR NOTIFICATION.—Notification
25 under subsection (a) shall be provided to a member de-

1 scribed in such subsection in conjunction with the mem-
2 ber's notification of the administrative separation or man-
3 datory discharge or as soon thereafter as practicable.

4 **SEC. 530. CONSISTENT ACCESS TO SPECIAL VICTIMS' COUN-**
5 **SEL FOR FORMER DEPENDENTS OF MEM-**
6 **BERS OF THE ARMED FORCES.**

7 Not later than one year after the date of the enact-
8 ment of this Act, the Secretary of the Navy shall revise
9 Navy policy regarding the eligibility of former dependents
10 of members of the Armed Forces to representation by a
11 Victims' Legal Counsel so that Navy policy is consistent
12 with Army and Air Force policy regarding Special Victims'
13 Counsel, which provides that a former dependent is eligible
14 for such representation if, while entitled to legal assist-
15 ance, the dependent was the victim of an alleged sex-re-
16 lated offense by a member of the Armed Forces.

17 **SEC. 531. INCLUSION OF ADDITIONAL INFORMATION IN AN-**
18 **NUAL SAPRO REPORTS.**

19 Section 1631 of the Ike Skelton National Defense
20 Authorization Act for Fiscal Year 2011 (Public Law 111-
21 383; 10 U.S.C. 1561 note) is amended by adding at the
22 end the following new subsection:

23 “(h) DEFINITIONS.—

24 “(1) SEXUAL ASSAULT DEFINED.—In this sec-
25 tion, the term ‘sexual assault’ includes rape, sexual

1 assault, forcible sodomy, aggravated sexual contact,
2 abusive sexual contact, and attempts to commit such
3 offenses, as those terms are defined in the Uniform
4 Code of Military Justice.

5 “(2) SEXUAL COERCION DEFINED.—In this sec-
6 tion, the term ‘sexual coercion’ includes unwanted
7 vaginal, oral, or anal sex after the perpetrator pres-
8 sured the victim by means including—

9 “(A) repeated requests to the victim for
10 sex;

11 “(B) expressions of unhappiness due to the
12 victim refusing to have sex with the perpe-
13 trator;

14 “(C) lies;

15 “(D) threats; and

16 “(E) sexual harassment as that term is de-
17 fined in section 1561(e) of title 10, United
18 States Code.”.

19 **SEC. 532. SEXUAL ASSAULT PREVENTION AND RESPONSE.**

20 (a) ARMY.—The Secretary of the Army, in coordina-
21 tion with the Chiefs of the National Guard Bureau and
22 the Army Reserve shall—

23 (1) conduct an evaluation of staffing ap-
24 proaches used to administer the sexual assault pre-
25 vention and response program in the Army National

1 Guard and the Army Reserve. In conducting such
2 evaluation, the Secretary consider opportunities to
3 leverage resources across all Army components and
4 shall conduct an assessment of the number and allo-
5 cation of full-time and collateral-duty personnel, the
6 fill rates for program positions, and the types of po-
7 sitions used; and

8 (2) direct the Chief of the Army Reserve to de-
9 velop and implement an expedited line-of-duty deter-
10 mination process for Army Reserve sexual assault
11 victims, along with a method for tracking the length
12 of time to make the determinations, that ensure
13 members of the Armed Forces who wish to file a
14 confidential or restricted report are able to go
15 through the determination process without disclosing
16 their circumstances to the chain of command.

17 (b) SHARP PROGRAM OFFICE.—The Director of the
18 SHARP Program Office of the Army National Guard
19 shall—

20 (1) communicate and disseminate its guidance
21 on budget development and execution for the
22 SHARP program to all full-time SHARP program
23 personnel;

24 (2) develop clear guidance on budget develop-
25 ment and execution for the SHARP program and

1 disseminate this guidance to its full-time SHARP
2 program personnel; and

3 (3) expand the scope of the midyear review to
4 include monitoring and providing oversight of
5 SHARP program expenditures at the Army National
6 Guard state and Army Reserve command level.

7 (c) NATIONAL GUARD BUREAU.—The Chief of the
8 National Guard Bureau, in collaboration with the Secre-
9 taries of the military departments concerned, shall reas-
10 sess the Office of Complex Administrative Investigation’s
11 timeliness and resources to determine how to improve the
12 timeliness of processing sexual assault investigations in-
13 volving members of the Army National Guard and identify
14 the resources needed to improve the timeliness of such in-
15 vestigations.

16 **Subtitle D—Member Education,**
17 **Training, Resilience, and Tran-**
18 **sition**

19 **SEC. 541. PROHIBITION ON RELEASE OF MILITARY SERV-**
20 **ICE ACADEMY GRADUATES TO PARTICIPATE**
21 **IN PROFESSIONAL ATHLETICS.**

22 (a) UNITED STATES MILITARY ACADEMY.—Section
23 4348(a) of title 10, United States Code, is amended by
24 adding at the end the following new paragraph:

1 “(5) That the cadet will not seek release from
2 the commissioned service obligation of the cadet to
3 pursue a career as a professional athlete and under-
4 stands that the appointment alternative described in
5 paragraph (3) will not be used to allow the cadet to
6 pursue such a career.”.

7 (b) UNITED STATES NAVAL ACADEMY.—Section
8 6959(a) of title 10, United States Code, is amended by
9 adding at the end the following new paragraph:

10 “(5) That the midshipman will not seek release
11 from the commissioned service obligation of the mid-
12 shipman to pursue a career as a professional athlete
13 and understands that the appointment alternative
14 described in paragraph (3) will not be used to allow
15 the midshipman to pursue such a career.”.

16 (c) UNITED STATES AIR FORCE ACADEMY.—Section
17 9348(a) of title 10, United States Code, is amended by
18 adding at the end the following new paragraph:

19 “(5) That the cadet will not seek release from
20 the commissioned service obligation of the cadet to
21 pursue a career as a professional athlete and under-
22 stands that the appointment alternative described in
23 paragraph (2) will not be used to allow the cadet to
24 pursue such a career.”.

1 (d) APPLICATION OF AMENDMENTS.—The Secre-
2 taries of the military departments shall promptly revise
3 the cadet and midshipman service agreements under sec-
4 tions 4348, 6959, and 9348 of title 10, United States
5 Code, to reflect the amendments made by this section. The
6 revised agreement shall apply to cadets and midshipmen
7 who are attending the United States Military Academy,
8 the United States Naval Academy, or the United States
9 Air Force Academy on the date of the enactment of this
10 Act and to persons who begin attendance at such military
11 service academies on or after that date.

12 **SEC. 542. ROTC CYBER INSTITUTES AT THE SENIOR MILI-**
13 **TARY COLLEGES.**

14 (a) PROGRAM AUTHORIZED.—The Secretary of De-
15 fense may carry out a program to establish a Reserve Offi-
16 cers' Training Corps Cyber Institute (referred to in this
17 Act as an "ROTC Cyber Institute") at each of the senior
18 military colleges for purposes of accelerating the develop-
19 ment of foundational expertise in critical cyber operational
20 skills for future military and civilian leaders of the Armed
21 Forces and Department of Defense including such leaders
22 of the reserve components.

23 (b) ELEMENTS.—Each ROTC Cyber Institute estab-
24 lished under the program authorized by subsection (a)
25 shall include the following:

1 (1) Programs to provide future military and ci-
2 vilian leaders of the Armed Forces or the Depart-
3 ment of Defense, as the case may be, who possess
4 cyber operational expertise from beginning through
5 advanced skill levels. Such programs shall include in-
6 struction and practical experiences that lead to rec-
7 ognized certifications in the cyber field.

8 (2) Programs of targeted strategic foreign lan-
9 guage proficiency training for such future leaders
10 that—

11 (A) are designed to significantly enhance
12 critical cyber operational capabilities; and

13 (B) are tailored to current and anticipated
14 readiness requirements.

15 (3) Programs related to mathematical founda-
16 tions of cryptography and courses in cryptographic
17 theory and practice designed to complement and re-
18 inforce cyber education along with the strategic lan-
19 guage programs critical to cyber operations.

20 (4) Programs designed to develop early interest
21 and cyber talent through summer programs for ele-
22 mentary school and secondary school students and
23 dual enrollment opportunities for cyber, strategic
24 language, and cryptography related courses.

1 (5) Training and education programs to expand
2 the pool of qualified cyber instructors necessary to
3 support cyber education in regional school systems.

4 (c) PARTNERSHIPS WITH DEPARTMENT OF DE-
5 FENSE AND THE ARMED FORCES.—Any ROTC Cyber In-
6 stitute established under the program authorized by sub-
7 section (a) may enter into a partnership with one or more
8 components of the Armed Forces, active or reserve, or any
9 agency of the Department of Defense to facilitate the de-
10 velopment of critical cyber skills for students who may
11 pursue a military career.

12 (d) PARTNERSHIPS WITH OTHER SCHOOLS.—Any
13 ROTC Cyber Institute established under the program au-
14 thorized by subsection (a) may enter into a partnership
15 with one or more local educational agencies to facilitate
16 the development of critical cyber skills under the program
17 among students attending the elementary schools and sec-
18 ondary schools of such agencies who may pursue a military
19 career.

20 (e) DEFINITIONS.—In this section:

21 (1) ESEA TERMS.—The terms “elementary
22 school”, “secondary school”, and “local educational
23 agency” have the meanings given the terms in sec-
24 tion 8101 of the Elementary and Secondary Edu-
25 cation Act of 1965 (20 U.S.C. 7801).

1 (2) SENIOR MILITARY COLLEGES.—The term
2 “senior military colleges” means the senior military
3 colleges described in section 2111a(f) of title 10,
4 United States Code.

5 **SEC. 543. LIEUTENANT HENRY OSSIAN FLIPPER LEADER-**
6 **SHIP SCHOLARSHIP PROGRAM.**

7 (a) AUTHORITY.—The Secretary of the Army shall
8 carry out a program to be known as the “Lieutenant
9 Henry Ossian Flipper Leadership Scholarship Program”
10 under which the Secretary may provide financial assist-
11 ance, in accordance with this section, to a person—

12 (1) who is pursuing a recognized postsecondary
13 credential at a minority-serving institution; and

14 (2) who enters into an agreement with the Sec-
15 retary as described in subsection (b).

16 (b) SERVICE AGREEMENT FOR SCHOLARSHIP RE-
17 CIPIENTS.—

18 (1) IN GENERAL.—To receive financial assist-
19 ance under this section—

20 (A) a member of the Army shall enter into
21 an agreement to serve on active duty in the
22 Army for the period of obligated service deter-
23 mined under paragraph (2); and

24 (B) a person who is not a member of the
25 Army shall enter into an agreement to enlist or

1 accept a commission in the Army and to serve
2 on active duty in Army for the period of obli-
3 gated service determined under paragraph (2).

4 (2) PERIOD OF OBLIGATED SERVICE.—The pe-
5 riod of obligated service for a recipient of financial
6 assistance under this section shall be the period de-
7 termined by the Secretary of Army as being appro-
8 priate to obtain adequate service in exchange for the
9 financial assistance. The period of service required
10 of a recipient shall be not less than the period equal
11 to three-fourths of the total period of pursuit of a
12 credential for which the Secretary agrees to provide
13 the recipient with financial assistance under this sec-
14 tion. The period of obligated service is in addition to
15 any other period for which the recipient is obligated
16 to serve on active duty.

17 (3) TERMS OF AGREEMENT.—An agreement en-
18 tered into under this section by a person pursuing
19 a recognized postsecondary credential shall include
20 the following terms:

21 (A) SERVICE START DATE.—The period of
22 obligated service will begin on a date after the
23 award of the credential, as determined by the
24 Secretary of the Army.

1 (B) ACADEMIC PROGRESS.—The person
2 will maintain satisfactory academic progress, as
3 determined by the Secretary, and that failure to
4 maintain such progress constitutes grounds for
5 termination of the financial assistance for the
6 person under this section.

7 (C) OTHER TERMS.—Any other terms and
8 conditions that the Secretary determines to be
9 appropriate for carrying out this section.

10 (c) AMOUNT OF ASSISTANCE.—The amount of the fi-
11 nancial assistance provided for a person under this section
12 shall be the amount determined by the Secretary of the
13 Army as being necessary to pay the person's cost of at-
14 tendance at the minority-serving institution.

15 (d) USE OF ASSISTANCE FOR SUPPORT OF INTERN-
16 SHIPS.—The financial assistance for a person under this
17 section may also be provided to support internship activi-
18 ties of the person at the Department of Defense in periods
19 between the academic years leading to the credential for
20 which assistance is provided the person under this section.

21 (e) REPAYMENT FOR PERIOD OF UNSERVED OBLI-
22 GATED SERVICE.—A member of the Army who does not
23 complete the period of active duty specified in the service
24 agreement under subsection (b) shall be subject to the re-
25 payment provisions of section 303a(e) of title 37.

1 (f) REPORT.—Not later than one year after the date
2 of the enactment of this Act, the Secretary of the Army
3 shall submit to the congressional defense committees a re-
4 port that includes—

5 (1) an assessment of the progress of the Sec-
6 retary in carrying out the scholarship program
7 under this section;

8 (2) the number of scholarships that the Sec-
9 retary intends to award in the academic year begin-
10 ning after the date of the submission of the report;
11 and

12 (3) a description of the Secretary’s efforts to
13 promote the scholarship program at minority-serving
14 institutions.

15 (g) DEFINITIONS.—In this Act:

16 (1) COST OF ATTENDANCE.—The term “cost of
17 attendance” has the meaning given the term in sec-
18 tion 472 of the Higher Education Act of 1965 (20
19 U.S.C. 1087ll).

20 (2) MINORITY-SERVING INSTITUTION.—The
21 term “minority-serving institution” means an insti-
22 tution of higher education described in section
23 371(a) of the Higher Education Act of 1965 (20
24 U.S.C. 1067q(a)).

1 (3) RECOGNIZED POSTSECONDARY CREDEN-
2 TIAL.—The term “recognized postsecondary creden-
3 tial” has the meaning given the term in section 3 of
4 the Workforce Innovation and Opportunity Act (29
5 U.S.C. 3102).

6 **SEC. 544. EXTENSION OF SUICIDE PREVENTION AND RESIL-**
7 **IENCE PROGRAM.**

8 Section 10219(g) of title 10, United States Code, is
9 amended by striking “October 1, 2018” and inserting
10 “October 1, 2019”.

11 **SEC. 545. ANNUAL TRAINING REGARDING THE INFLUENCE**
12 **CAMPAIGN OF THE RUSSIAN FEDERATION.**

13 In addition to any currently mandated training, the
14 Secretary of Defense may furnish annual training to all
15 members of the Armed Forces and all civilian employees
16 of the Department of Defense, regarding attempts by the
17 Russian Federation and its proxies and agents to influence
18 and recruit members of the Armed Forces as part of its
19 influence campaign.

20 **SEC. 546. PROGRAM TO ASSIST MEMBERS IN OBTAINING**
21 **PROFESSIONAL CREDENTIALS.**

22 Section 2015(a)(1) of title 10, United States Code,
23 is amended by striking “and” and inserting “or”.

1 **SEC. 547. EXPANDING ELIGIBILITY FOR THE UNITED**
2 **STATES MILITARY APPRENTICESHIP PRO-**
3 **GRAM.**

4 (a) IN GENERAL.—Not later than 180 days after the
5 date of the enactment of this Act, the Secretary of Defense
6 shall expand eligibility for the United Services Military
7 Apprenticeship Program to include any member of the
8 uniformed services.

9 (b) DEFINITION.—In this section, the term “uni-
10 formed services” has the meaning given such term in sec-
11 tion 101 of title 10, United States Code.

12 **Subtitle E—Defense Dependents’**
13 **Education and Military Family**
14 **Readiness Matters**

15 **SEC. 551. CONTINUATION OF AUTHORITY TO ASSIST LOCAL**
16 **EDUCATIONAL AGENCIES THAT BENEFIT DE-**
17 **PENDENTS OF MEMBERS OF THE ARMED**
18 **FORCES AND DEPARTMENT OF DEFENSE CI-**
19 **VILIAN EMPLOYEES.**

20 (a) ASSISTANCE TO SCHOOLS WITH SIGNIFICANT
21 NUMBERS OF MILITARY DEPENDENT STUDENTS.—Of the
22 amount authorized to be appropriated for fiscal year 2018
23 by section 301 and available for operation and mainte-
24 nance for Defense-wide activities as specified in the fund-
25 ing table in division D, \$50,000,000 shall be available only
26 for the purpose of providing assistance to local educational

1 agencies under subsection (a) of section 572 of the Na-
2 tional Defense Authorization Act for Fiscal Year 2006
3 (Public Law 109–163; 20 U.S.C. 7703b).

4 (b) LOCAL EDUCATIONAL AGENCY DEFINED.—In
5 this section, the term “local educational agency” has the
6 meaning given that term in section 7013(9) of the Ele-
7 mentary and Secondary Education Act of 1965 (20 U.S.C.
8 7713(9)).

9 **SEC. 552. EDUCATION FOR DEPENDENTS OF CERTAIN RE-**
10 **TIRED MEMBERS OF THE ARMED FORCES.**

11 Section 2164(a) of title 10, United States Code, is
12 amended—

13 (1) in paragraph (1)—

14 (A) by inserting “, dependents of retirees,”
15 after “dependents of members of the armed
16 forces”; and

17 (B) by inserting “and the dependents of
18 such retirees” after “such members of the
19 armed forces”; and

20 (2) by adding at the end the following new
21 paragraph:

22 “(4) For purposes of this subsection, the term ‘re-
23 tiree’ means a member or former member of the armed
24 forces who is entitled to retired or retainer pay under this

1 title, or who, but for age, would be eligible for retired or
2 retainer pay under chapter 1223 of this title.”.

3 **SEC. 553. CODIFICATION OF AUTHORITY TO CONDUCT FAM-**
4 **ILY SUPPORT PROGRAMS FOR IMMEDIATE**
5 **FAMILY MEMBERS OF MEMBERS OF THE**
6 **ARMED FORCES ASSIGNED TO SPECIAL OP-**
7 **ERATIONS FORCES.**

8 (a) CODIFICATION OF EXISTING AUTHORITY.—Chap-
9 ter 88 of title 10, United States Code, is amended by in-
10 serting after section 1788 a new section 1788a consisting
11 of—

12 (1) a heading as follows:

13 **“§ 1788a. Family support programs: immediate family**
14 **members of members of special oper-**
15 **ations forces”; and**

16 (2) a text consisting of subsections (a), (b), (d),
17 and (e) of section 554 of the National Defense Au-
18 thorization Act for Fiscal Year 2014 (Public Law
19 113–66; 10 U.S.C. 1788 note), redesignated as sub-
20 sections (a), (b), (c), and (d), respectively.

21 (b) FUNDING.—Subsection (c) of section 1788a of
22 title 10, United States Code, as added and redesignated
23 by subsection (a) of this section, is amended by striking
24 “specified” and all that follows through the end of the sub-
25 section and inserting “, from funds available for Major

1 Force Program 11, to carry out family support programs
2 under this section.”.

3 (c) ELIMINATION OF PILOT PROGRAM REFERENCES
4 AND OTHER CONFORMING AMENDMENTS.—Section
5 1788a of title 10, United States Code, as added by sub-
6 section (a) of this section, is further amended—

7 (1) by striking “Armed Forces” each place it
8 appears and inserting “armed forces”;

9 (2) by striking “pilot” each place it appears;

10 (3) in subsection (a)—

11 (A) in the subsection heading, by striking
12 “PILOT”; and

13 (B) by striking “up to three” and all that
14 follows through “providing” and inserting “pro-
15 grams to provide”; and

16 (4) in subsection (d), as redesignated by sub-
17 section (a) of this section—

18 (A) in paragraph (2), by striking “title 10,
19 United States Code” and inserting “this title”;
20 and

21 (B) in paragraph (3), by striking “such
22 title” and inserting “this title”.

23 (d) CLERICAL AMENDMENT.—The table of sections
24 at the beginning of subchapter I of chapter 88 of title 10,

1 United States Code, is amended by inserting after the
2 item relating to section 1788 the following new item:

“1788a. Family support programs: immediate family members of members of special operations forces.”.

3 (e) CONFORMING REPEAL.—Section 554 of the Na-
4 tional Defense Authorization Act for Fiscal Year 2014
5 (Public Law 113–66; 10 U.S.C. 1788 note) is repealed.

6 **SEC. 554. REIMBURSEMENT FOR STATE LICENSURE AND**
7 **CERTIFICATION COSTS OF A SPOUSE OF A**
8 **MEMBER OF THE ARMED FORCES ARISING**
9 **FROM RELOCATION TO ANOTHER STATE.**

10 (a) REIMBURSEMENT AUTHORIZED.—Section 476 of
11 title 37, United States Code, is amended by adding at the
12 end the following new subsection:

13 “(p)(1) The Secretary concerned may reimburse a
14 member of the armed forces for qualified relicensing costs
15 of the spouse of the member when—

16 “(A) the member is reassigned, either as a per-
17 manent change of station or permanent change of
18 assignment, from a duty station in one State to a
19 duty station in another State; and

20 “(B) the movement of the member’s dependents
21 is authorized at the expense of the United States
22 under this section as part of the reassignment.

1 “(2) Reimbursement provided to a member under
2 this subsection may not exceed \$500 in connection with
3 each reassignment described in paragraph (1).

4 “(3) In this subsection, the term ‘qualified relicensing
5 costs’ means costs, including exam and registration fees,
6 that—

7 “(A) are imposed by the State of the new duty
8 station to secure a license or certification to engage
9 in the same profession that the spouse of the mem-
10 ber engaged in while in the State of the original
11 duty station; and

12 “(B) are paid or incurred by the member or
13 spouse to secure the license or certification from the
14 State of the new duty station after the date on
15 which the orders directing the reassignment de-
16 scribed in paragraph (1) are issued.”.

17 (b) DEVELOPMENT OF RECOMMENDATIONS TO EX-
18 PEDITE LICENSE PORTABILITY FOR MILITARY
19 SPOUSES.—

20 (1) CONSULTATION WITH STATES.—The Sec-
21 retary of Defense, and the Secretary of Homeland
22 Security with respect to the Coast Guard, shall con-
23 sult with States—

24 (A) to identify barriers to the portability
25 between States of a license, certification, or

1 other grant of permission held by the spouse of
2 a member of the Armed Forces to engage in an
3 occupation when the spouse moves between
4 States as part of a permanent change of station
5 or permanent change of assignment of the
6 member; and

7 (B) to develop recommendations for the
8 Federal Government and the States, together or
9 separately, to expedite the portability of such li-
10 censes, certifications, and other grants of per-
11 mission for military spouses.

12 (2) SPECIFIC CONSIDERATIONS.—In conducting
13 the consultation and preparing the recommendations
14 under paragraph (1), the Secretaries shall consider
15 the feasibility of—

16 (A) States accepting licenses, certifi-
17 cations, and other grants of permission de-
18 scribed in paragraph (1) issued by another
19 State and in good standing in that State;

20 (B) the issuance of a temporary license
21 pending completion of State-specific require-
22 ments; and

23 (C) the establishment of an expedited re-
24 view process for military spouses.

1 (3) REPORT REQUIRED.—Not later than March
2 15, 2018, the Secretaries shall submit to the appro-
3 priate congressional committees and the States a re-
4 port containing the recommendations developed
5 under this subsection.

6 (4) APPROPRIATE CONGRESSIONAL COMMIT-
7 TEES.—In this subsection, the term “appropriate
8 congressional committees” means the congressional
9 defense committees, the Committee on Homeland
10 Security and Government Affairs of the Senate, and
11 the Committee on Oversight and Government Re-
12 form of the House of Representatives.

13 **SEC. 555. FIVE-YEAR EXTENSION OF AUTHORITIES RELAT-**
14 **ING TO THE TRANSITION AND SUPPORT OF**
15 **MILITARY DEPENDENT STUDENTS TO LOCAL**
16 **EDUCATIONAL AGENCIES.**

17 Section 574(c)(3) of the John Warner National De-
18 fense Authorization Act for Fiscal Year 2007 (20 U.S.C.
19 7703b note), as most recently amended by section 572 of
20 the National Defense Authorization Act for Fiscal Year
21 2017 (Public Law 114–328; 130 Stat. 2141), is amended
22 by striking “September 30, 2017” and inserting “Sep-
23 tember 30, 2022”.

1 **SEC. 556. ENHANCING MILITARY CHILDCARE PROGRAMS**
2 **AND ACTIVITIES OF THE DEPARTMENT OF**
3 **DEFENSE.**

4 (a) HOURS OF OPERATION OF CHILDCARE DEVELOP-
5 MENT CENTERS OF THE DEPARTMENT OF DEFENSE.—

6 (1) IN GENERAL.—The hours of operation of
7 each childcare development center (CDC) of the De-
8 partment of Defense shall, to the extent practicable,
9 be set and maintained in manner that takes into ac-
10 count the demands and circumstances of members of
11 the Armed Forces, including members of the reserve
12 components, who use such center in facilitation of
13 the performance of their military duties.

14 (2) MATTERS TO BE TAKEN INTO ACCOUNT.—
15 The demands and circumstances to be taken into ac-
16 count under paragraph (1) for purposes of setting
17 and maintaining the hours of operation of a
18 childcare development center shall include the fol-
19 lowing:

20 (A) Mission requirements of units whose
21 members use such center.

22 (B) The unpredictability of work schedules,
23 and fluctuations in day-to-day work hours, of
24 such members.

1 (C) The potential for frequent and pro-
2 longed absences of such members for training,
3 operations, and deployments.

4 (D) The location of such center on the
5 military installation concerned, including the lo-
6 cation in connection with duty locations of
7 members and applicable military family hous-
8 ing.

9 (E) The geographic separation of such
10 members from their extended family.

11 (F) The extent to which spouses of such
12 members are employed or pursuing educational
13 opportunities, whether on a full-time basis or a
14 part-time basis.

15 (G) Such other matters as the Secretary of
16 the military department concerned considers ap-
17 propriate for purposes of this section.

18 (b) **CHILDCARE COORDINATORS FOR MILITARY IN-**
19 **STALLATIONS.—**

20 (1) **CHILDCARE COORDINATORS.—**Each Sec-
21 retary of a military department shall provide for a
22 childcare coordinator at each military installation
23 under the jurisdiction of such Secretary at which are
24 stationed significant numbers of members of the

1 Armed Forces with accompanying dependent chil-
2 dren, as determined by such Secretary.

3 (2) NATURE OF POSITION.—The childcare coor-
4 dinator for a military installation may be an indi-
5 vidual appointed to that position on full-time or
6 part-time basis or an individual appointed to another
7 position whose duties in such other position are con-
8 sistent with the discharge by the person of the du-
9 ties of childcare coordinator.

10 (3) DUTIES.—Each childcare coordinator for an
11 installation shall carry out the duties as follows:

12 (A) Act as an advocate for military fami-
13 lies at the installation on childcare matters both
14 on-installation and off-installation.

15 (B) Work with the commander of the in-
16 stallation in order to seek to ensure that the
17 childcare development centers at the installa-
18 tion, together with any other available childcare
19 options on or in the vicinity of the installa-
20 tion—

21 (i) provide a quality of care (including
22 a caregiver-to-child ratio) commensurate
23 with best practices of private providers of
24 childcare services; and

1 (ii) are responsive to the childcare
2 needs of members stationed at the installa-
3 tion and their families.

4 (C) Work with private providers of
5 childcare services in the vicinity of the installa-
6 tion in order to—

7 (i) track vacancies in the childcare fa-
8 cilities of such providers;

9 (ii) seek to obtain favorable prices for
10 the use of such services by members sta-
11 tioned at the installation; and

12 (iii) otherwise ease the use of such
13 services by such members.

14 (D) Such other duties as the Secretary of
15 the military department concerned shall specify.

16 **Subtitle F—Decorations and**
17 **Awards**

18 **SEC. 561. REPLACEMENT OF MILITARY DECORATIONS AT**
19 **THE REQUEST OF RELATIVES OF DECEASED**
20 **MEMBERS OF THE ARMED FORCES.**

21 Subsection (a) of section 1135 of title 10, United
22 States Code, is amended to read as follows:

23 “(a) REPLACEMENT.—(1) The Secretary concerned
24 shall replace, on a one-time basis, a military decoration
25 upon the request of—

1 “(A) the recipient of the military decoration;

2 “(B) the immediate next of kin of a deceased
3 recipient of a military decoration; or

4 “(C) a relative of a deceased recipient of a mili-
5 tary decoration who is related within the second or
6 third degree of consanguinity to the deceased recipi-
7 ent.

8 “(2) The replacement of a military decoration under
9 subparagraph (A) or (B) of paragraph (1) shall be pro-
10 vided without charge. The replacement of a military deco-
11 ration under subparagraph (C) of such paragraph shall
12 be provided at no cost to the Department of Defense.

13 “(3) The authority provided by this subsection is in
14 addition to any other authority available to the Secretary
15 concerned to replace a military decoration.”.

16 **SEC. 562. CONGRESSIONAL DEFENSE SERVICE MEDAL.**

17 (a) ESTABLISHMENT.—Chapter 57 of title 10,
18 United States Code, is amended by adding at the end the
19 following new section:

20 **“§ 1136. Congressional Defense Service Medal**

21 “(a) ESTABLISHMENT.—The Secretary of Defense
22 shall award, at the behest of and on behalf of Congress,
23 a Congressional Defense Service Medal to a group or other
24 entity to recognize, subject to subsection (c)(1), the exem-
25 plary service or significant achievement of the group or

1 other entity in furtherance of the defense and national se-
2 curity of the United States.

3 “(b) DESIGN AND CONTENT.—A Congressional De-
4 fense Service Medal shall be a gold medal of appropriate
5 design, with suitable emblems, devices, and inscriptions.
6 The Secretary of Defense may design a Congressional De-
7 fense Service Medal to recognize the specific group or
8 other entity and the service or achievement for which the
9 Congressional Defense Service Medal is being awarded.

10 “(c) ELIGIBILITY LIMITATIONS.—

11 “(1) NATURE OF SERVICE OR ACHIEVEMENT.—
12 For a group or other entity to be eligible for the
13 award of a Congressional Defense Service Medal, the
14 service or achievement to be recognized must—

15 “(A) be in the field of endeavor of the
16 group or other entity; and

17 “(B) represent either a lengthy period of
18 continuous superior service or achievement or a
19 single act of service or achievement so signifi-
20 cant that the group or other entity is recog-
21 nized and acclaimed by others in the same field
22 of endeavor, as evidenced by the recipient hav-
23 ing received the highest honors in the field.

24 “(2) EFFECT OF OTHER FEDERAL RECOGNI-
25 TION.—A group or other entity may not receive a

1 Congressional Defense Service Medal in recognition
2 of service or achievement for which the group or
3 other entity received a medal from the United States
4 previously for the same or substantially the same
5 service or achievement.

6 “(3) PROHIBITION ON AWARD TO AN INDI-
7 VIDUAL.—A Congressional Defense Service Medal
8 may not be awarded to a single individual.

9 “(d) TIME LIMITATIONS.—A Congressional Defense
10 Service Medal may not be awarded to a group or entity—

11 “(1) until at least five years after the conclu-
12 sion of the exemplary service or significant achieve-
13 ment for which the Congressional Defense Service
14 Medal is being awarded; and

15 “(2) unless the award is made within 25 years
16 after the conclusion of the exemplary service or sig-
17 nificant achievement for which the Congressional
18 Defense Service Medal is being awarded.

19 “(e) DUPLICATE MEDALS.—The Secretary of De-
20 fense may arrange for the striking and sale of duplicates
21 in bronze of a Congressional Defense Service Medal, at
22 a price sufficient to cover the cost thereof, including labor,
23 materials, dies, use of machinery, and overhead expenses,
24 and the cost of the gold Congressional Defense Service
25 Medal.”.

1 (b) CLERICAL AMENDMENT.—The table of sections
 2 at the beginning of chapter 57 of title 10, United States
 3 Code, is amended by adding at the end the following new
 4 item:

“1136. Congressional Defense Service Medal.”.

5 **SEC. 563. LIMITATIONS ON AUTHORITY TO REVOKE CER-**
 6 **TAIN MILITARY DECORATIONS AWARDED TO**
 7 **MEMBERS OF THE ARMED FORCES.**

8 (a) ARMY.—

9 (1) LIMITATIONS.—Chapter 357 of title 10,
 10 United States Code, is amended by adding at the
 11 end the following new section:

12 **“§ 3757. Military decorations: limitations on revoca-**
 13 **tion**

14 “(a) LIMITATIONS.—Except as provided in sub-
 15 section (b), the President or the Secretary of the Army
 16 may not authorize the revocation of a military decoration
 17 after the actual award of the military decoration to a
 18 member of the armed forces under the jurisdiction of the
 19 Secretary.

20 “(b) EXCEPTIONS.—(1) Subsection (a) does not
 21 apply to the revocation of a military decoration if the rev-
 22 ocation is ordered on account of —

23 “(A) the acquisition of new or additional infor-
 24 mation that calls into question the service for which
 25 the member was awarded the military decoration; or

1 “(B) the conviction of the member for a serious
2 violent felony.

3 “(2) In applying the exception described in paragraph
4 (1)(B), the President and the Secretary of the Army shall
5 take into account, as an extenuating factor, whether the
6 member has been diagnosed with Traumatic Brain Injury
7 (TBI) or Post-Traumatic Stress Disorder (PTSD).

8 “(c) DEFINITIONS.—In this section:

9 “(1) The term ‘military decoration’ means the
10 distinguished-service cross, distinguished-service
11 medal, silver star, distinguished flying cross, or Sol-
12 dier’s Medal. The term does not include the medal
13 of honor.

14 “(2) The term ‘serious violent felony’ has the
15 meaning given that term in section 3559(c)(2)(F) of
16 title 18.”.

17 (2) CLERICAL AMENDMENT.—The table of sec-
18 tions at the beginning of such chapter is amended
19 by adding at the end the following new item:

“3757. Military decorations: limitations on revocation.”.

20 (b) NAVY AND MARINE CORPS.—

21 (1) LIMITATIONS.—Chapter 567 of title 10,
22 United States Code, is amended by adding at the
23 end the following new section:

1 **“§ 6259. Military decorations: limitations on revoca-**
2 **tion**

3 “(a) LIMITATIONS.—Except as provided in sub-
4 section (b), the President or the Secretary of the Navy
5 may not authorize the revocation of a military decoration
6 after the actual award of the military decoration to a
7 member of the armed forces under the jurisdiction of the
8 Secretary.

9 “(b) EXCEPTIONS.—(1) Subsection (a) does not
10 apply to the revocation of a military decoration if the rev-
11 ocation is ordered on account of —

12 “(A) the acquisition of new or additional infor-
13 mation that calls into question the service for which
14 the member was awarded the military decoration; or

15 “(B) the conviction of the member for a serious
16 violent felony.

17 “(2) In applying the exception described in paragraph
18 (1)(B), the President and the Secretary of the Navy shall
19 take into account, as an extenuating factor, whether the
20 member has been diagnosed with Traumatic Brain Injury
21 (TBI) or Post-Traumatic Stress Disorder (PTSD).

22 “(c) DEFINITIONS.—In this section:

23 “(1) The term ‘military decoration’ means the
24 Navy cross, distinguished-service medal, silver star
25 medal, distinguished flying cross, or Navy and Ma-

1 rine Corps Medal. The term does not include the
2 medal of honor.

3 “(2) The term ‘serious violent felony’ has the
4 meaning given that term in section 3559(e)(2)(F) of
5 title 18.”.

6 (2) CLERICAL AMENDMENT.—The table of sec-
7 tions at the beginning of such chapter is amended
8 by adding at the end the following new item:

“6259. Military decorations: limitations on revocation.”.

9 (c) AIR FORCE.—

10 (1) LIMITATIONS.—Chapter 857 of title 10,
11 United States Code, is amended by adding at the
12 end the following new section:

13 **“§ 8757. Military decorations: limitations on revoca-**
14 **tion**

15 “(a) LIMITATIONS.—Except as provided in sub-
16 section (b), the President or the Secretary of the Air Force
17 may not authorize the revocation of a military decoration
18 after the actual award of the military decoration to a
19 member of the armed forces under the jurisdiction of the
20 Secretary.

21 “(b) EXCEPTIONS.—(1) Subsection (a) does not
22 apply to the revocation of a military decoration if the rev-
23 ocation is ordered on account of —

1 “(A) the acquisition of new or additional infor-
2 mation that calls into question the service for which
3 the member was awarded the military decoration; or

4 “(B) the conviction of the member for a serious
5 violent felony.

6 “(2) In applying the exception described in paragraph
7 (1)(B), the President and the Secretary of the Air Force
8 shall take into account, as an extenuating factor, whether
9 the member has been diagnosed with Traumatic Brain In-
10 jury (TBI) or Post-Traumatic Stress Disorder (PTSD).

11 “(c) DEFINITIONS.—In this section:

12 “(1) The term ‘military decoration’ means the
13 Air Force cross, distinguished-service medal, silver
14 star, distinguished flying cross, or Airman’s Medal.
15 The term does not include the medal of honor.

16 “(2) The term ‘serious violent felony’ has the
17 meaning given that term in section 3559(e)(2)(F) of
18 title 18.”.

19 (2) CLERICAL AMENDMENT.—The table of sec-
20 tions at the beginning of such chapter is amended
21 by adding at the end the following new item:

“8757. Military decorations: limitations on revocation.”.

1 **SEC. 564. AWARD OF VIETNAM SERVICE MEDAL TO VET-**
2 **ERANS WHO PARTICIPATED IN MAYAGUEZ**
3 **RESCUE OPERATION.**

4 (a) **AWARD AUTHORIZED.**—The Secretary of the
5 military department concerned shall, upon the application
6 by or on behalf of an individual who is an eligible veteran,
7 award that individual the Vietnam Service Medal, notwith-
8 standing any otherwise applicable requirements for the
9 award of that medal. Any such award shall be made in
10 lieu of any Armed Forces Expeditionary Medal awarded
11 the individual for the individual's participation in the Ma-
12 yaguez rescue operation.

13 (b) **TREATMENT OF DECEASED VETERANS.**—In the
14 case of a veteran who is deceased, the application de-
15 scribed in subsection (a) may be submitted by the next
16 of kin of the veteran.

17 (c) **ELIGIBLE VETERAN.**—For purposes of this sec-
18 tion, the term “eligible veteran” means a veteran of the
19 Armed Forces—

20 (1) who was awarded the Armed Forces Expe-
21 ditionary Medal for participation in military oper-
22 ations known as the Mayaguez rescue operation of
23 May 12–15, 1975; or

24 (2) who participated in such operation.

1 **SEC. 565. AWARD OF MEDALS OR OTHER COMMENDATIONS**
2 **TO HANDLERS OF MILITARY WORKING DOGS**
3 **AND MILITARY WORKING DOGS.**

4 (a) PROGRAM OF AWARD REQUIRED.—Each Sec-
5 retary of a military department shall carry out a program
6 to provide for the award of one or more medals or other
7 commendations to handlers of military working dogs, and
8 to military working dogs, under the jurisdiction of such
9 Secretary to recognize valor or meritorious achievement by
10 such handlers and dogs.

11 (b) MEDAL AND COMMENDATIONS.—Any medal or
12 commendation awarded pursuant to a program under sub-
13 section (a) shall be of such design, and include such ele-
14 ments, as the Secretary of the military department con-
15 cerned shall specify.

16 (c) REGULATIONS.—Medals and commendations
17 shall be awarded under programs under subsection (a) in
18 accordance with regulations prescribed by the Secretary
19 of Defense for purposes of this section.

20 **SEC. 566. ELIGIBILITY OF VETERANS OF OPERATION END**
21 **SWEEP FOR VIETNAM SERVICE MEDAL.**

22 The Secretary of the military department concerned
23 shall, upon the application of an individual who is a vet-
24 eran who participated in Operation End Sweep, award
25 that individual the Vietnam Service Medal, notwith-

1 standing any otherwise applicable requirements for the
2 award of that medal.

3 **SEC. 567. EXPEDITED REPLACEMENT OF MILITARY DECO-**
4 **RATIONS FOR VETERANS OF WORLD WAR II**
5 **AND THE KOREAN WAR.**

6 Section 1135 of title 10, United States Code, is
7 amended—

8 (1) in subsection (b), by striking “When” and
9 inserting “Subject to subsection (c), when”;

10 (2) by redesignating subsection (c) as sub-
11 section (d); and

12 (3) by inserting after subsection (b) the fol-
13 lowing new subsection (c):

14 “(c) **RECIPIENTS OF MILITARY DECORATIONS FOR**
15 **SERVICE IN WORLD WAR II OR THE KOREAN WAR.**—If
16 the recipient was awarded the military decoration for
17 which a replacement is requested for service in World War
18 II or the Korean War, the Secretary concerned shall per-
19 form all actions described—

20 “(1) in subsection (b)(1) in not more than 180
21 days; and

22 “(2) in subsection (b)(2) in not more than 60
23 days.”.

1 **SEC. 568. ATOMIC VETERANS SERVICE MEDAL.**

2 (a) SERVICE MEDAL REQUIRED.—The Secretary of
3 Defense shall design and produce a military service medal,
4 to be known as the “Atomic Veterans Service Medal”, to
5 honor retired and former members of the Armed Forces
6 who are radiation-exposed veterans (as such term is de-
7 fined in section 1112(c)(3) of title 38, United States
8 Code).

9 (b) DISTRIBUTION OF MEDAL.—

10 (1) ISSUANCE TO RETIRED AND FORMER MEM-
11 BERS.—At the request of a radiation-exposed vet-
12 eran, the Secretary of Defense shall issue the Atom-
13 ic Veterans Service Medal to the veteran.

14 (2) ISSUANCE TO NEXT-OF-KIN.—In the case of
15 a radiation-exposed veteran who is deceased, the
16 Secretary may provide for issuance of the Atomic
17 Veterans Service Medal to the next-of-kin of the per-
18 son.

19 (3) APPLICATION.—The Secretary shall prepare
20 and disseminate as appropriate an application by
21 which radiation-exposed veterans and their next-of-
22 kin may apply to receive the Atomic Veterans Serv-
23 ice Medal.

1 **Subtitle G—Miscellaneous Reports**
2 **and Other Matters**

3 **SEC. 571. EXPANSION OF UNITED STATES AIR FORCE INSTI-**
4 **TUTE OF TECHNOLOGY ENROLLMENT AU-**
5 **THORITY TO INCLUDE CIVILIAN EMPLOYEES**
6 **OF THE HOMELAND SECURITY INDUSTRY.**

7 (a) DEFINITION.—Subsection (b) of section 9314a of
8 title 10, United States Code, is amended to read as fol-
9 lows:

10 “(b) COVERED PRIVATE SECTOR EMPLOYEE DE-
11 FINED.—(1) In this section, the term ‘covered private sec-
12 tor employee’ means—

13 “(A) an individual employed by a private firm
14 that is engaged in providing to the Department of
15 Defense significant and substantial defense-related
16 systems, products, or services; or

17 “(B) an individual employed by a private firm
18 in one of the critical infrastructure sectors identified
19 in Presidential Policy Directive 21 (Critical Infra-
20 structure Security and Resilience).

21 “(2) A covered private sector employee admitted for
22 instruction at the United States Air Force Institute of
23 Technology remains eligible for such instruction only so
24 long as the person remains employed by the same firm.”.

1 (b) USE OF DEFINED TERM.—Section 9314a of title
2 10, United States Code, is amended—

3 (1) in subsection (a)—

4 (A) in paragraph (1)—

5 (i) by striking “defense industry em-
6 ployees described in subsection (b)” and
7 inserting “a covered private sector em-
8 ployee”; and

9 (ii) by striking “Any such defense in-
10 dustry employee” and inserting “A covered
11 private sector employee”; and

12 (B) in paragraph (2), by striking “defense
13 industry employees” and inserting “covered pri-
14 vate sector employees”; and

15 (C) in paragraph (3), by striking “defense
16 industry employee” both places it appears and
17 inserting “covered private sector employee”;

18 (2) in subsection (c)—

19 (A) by striking “Defense industry employ-
20 ees” and inserting “A covered private sector
21 employee”; and

22 (B) by striking “defense industry employ-
23 ees” and inserting “covered private sector em-
24 ployees”;

1 (3) in subsection (d)(1), by striking “defense
2 industry employees” and inserting “a covered pri-
3 vate sector employee”; and

4 (4) in subsection (f), by striking “defense in-
5 dustry employees” and inserting “covered private
6 sector employees”.

7 (c) OTHER CONFORMING AMENDMENTS.—Section
8 9314a of title 10, United States Code, is further amend-
9 ed—

10 (1) in subsection (a)(1), by striking “a defense
11 focused” and inserting “a defense-focused or home-
12 land security-focused”; and

13 (2) in subsection (d)—

14 (A) in paragraph (1), by inserting “or
15 homeland security” after “and defense”; and

16 (B) in paragraph (2), by inserting before
17 the period at the end the following: “or the De-
18 partment of Homeland Security, as applicable”.

19 (d) CLERICAL AMENDMENTS.—

20 (1) SECTION HEADING.—The heading of section
21 9314a of title 10, United States Code, is amended
22 to read as follows:

1 **“§ 9314a. United States Air Force Institute of Tech-**
 2 **nology: admission of certain private sec-**
 3 **tor civilians”.**

4 (2) TABLE OF SECTIONS.—The table of sections
 5 at the beginning of chapter 901 of title 10, United
 6 States Code, is amended by striking the item relat-
 7 ing to section 9314a and inserting the following new
 8 item:

“9314a. United States Air Force Institute of Technology: admission of certain
 private sector civilians.”.

9 **SEC. 572. SERVICEMEMBERS’ GROUP LIFE INSURANCE.**

10 Section 1967(f)(4) of title 38, United States Code,
 11 is amended by striking the second sentence.

12 **SEC. 573. VOTER REGISTRATION.**

13 Section 705 of the Servicemembers Civil Relief Act
 14 (50 U.S.C. 4025(a)), is amended by adding at the end
 15 the following new subsection:

16 “(c) REGISTRATION.—

17 “(1) IN GENERAL.—For the purposes of voting
 18 in any election for Federal office (as defined in sec-
 19 tion 301 of the Federal Election Campaign Act of
 20 1971 (52 U.S.C. 30101)) or State or local office, a
 21 servicemember who registers to vote in a State in
 22 which the servicemember is present in compliance
 23 with military orders for a permanent change of sta-
 24 tion shall not, solely by reason of that registration—

1 “(A) be deemed to have acquired a resi-
2 dence or domicile in that State;

3 “(B) be deemed to have become a resident
4 in or a resident of that State; or

5 “(C) be deemed to have lost a residence or
6 domicile in any other State, without regard to
7 whether or not the person intends to return to
8 that State.

9 “(2) NOTIFICATION BY THE SERVICEMEM-
10 BER.—A servicemember who elects to register to
11 vote in the State in which the servicemember is
12 present in compliance with military orders for a per-
13 manent change of station shall notify the Service
14 Voting Action Officer of the military department
15 concerned not later than 10 days after such registra-
16 tion.

17 “(3) NOTIFICATION BY THE SERVICE VOTING
18 ACTION OFFICER.—A Service Voting Action Officer
19 who receives a notification under paragraph (2) shall
20 notify the chief State election official of the State in
21 which the servicemember resides or is domiciled of
22 such registration not later than 10 days after such
23 registration.”.

1 **SEC. 574. SENSE OF CONGRESS REGARDING SECTION 504**
2 **OF TITLE 10, UNITED STATES CODE, ON EX-**
3 **ISTING AUTHORITY OF THE DEPARTMENT OF**
4 **DEFENSE TO ENLIST INDIVIDUALS, NOT OTH-**
5 **ERWISE ELIGIBLE FOR ENLISTMENT, WHOSE**
6 **ENLISTMENT IS VITAL TO THE NATIONAL IN-**
7 **TEREST.**

8 It is the sense of Congress that a statute currently
9 exists, specifically paragraph (2) of subsection (b) of sec-
10 tion 504 of title 10, United States Code, which states that
11 “the Secretary concerned may authorize the enlistment of
12 a person not described in paragraph (1) [of that sub-
13 section] if the Secretary determines that such enlistment
14 is vital to the national interest”.

15 **SEC. 575. SENSE OF CONGRESS REGARDING NON-**
16 **DISCRIMINATION AT UNITED STATES MILI-**
17 **TARY ACADEMY.**

18 Congress affirms the nondiscrimination policy of the
19 United States Military Academy in West Point, New York,
20 including as applied to female cadets, staff, and faculty.

21 **SEC. 576. EXTENSION OF AUTHORITY OF THE SECRETARY**
22 **OF VETERANS AFFAIRS TO PROVIDE FOR THE**
23 **CONDUCT OF MEDICAL DISABILITY EXAMINA-**
24 **TIONS BY CONTRACT PHYSICIANS.**

25 Section 704(c) of the Veterans Benefits Act of 2003
26 (Public Law 108–183; 38 U.S.C. 5101 note) is amended

1 by striking “December 31, 2017” and inserting “Decem-
2 ber 31, 2018”.

3 **SEC. 577. ISSUANCE OF CONSOLIDATED PREGNANCY AND**
4 **PARENTHOOD INSTRUCTION.**

5 The Secretary of Defense shall ensure that each mili-
6 tary department issues a single, consolidated instruction
7 that addresses the decisions, actions, and requirements for
8 members of the Armed Forces relating to pregnancy, the
9 postpartum period, and parenthood.

10 **SEC. 578. PROOF OF PERIOD OF MILITARY SERVICE FOR**
11 **PURPOSES OF INTEREST RATE LIMITATION**
12 **UNDER THE SERVICEMEMBERS CIVIL RELIEF**
13 **ACT.**

14 Section 207(b)(1) of the Servicemembers Civil Relief
15 Act (50 U.S.C. 3937(b)(1)) is amended to read as follows:

16 “(1) PROOF OF MILITARY SERVICE.—

17 “(A) IN GENERAL.—Not later than 180
18 days after the date of a servicemember’s termi-
19 nation or release from military service, in order
20 for an obligation or liability of the servicemem-
21 ber to be subject to the interest rate limitation
22 in subsection (a), the servicemember shall pro-
23 vide to the creditor written notice and a copy
24 of—

1 “(i) the military orders calling the
2 servicemember to military service and any
3 orders further extending military service;
4 or

5 “(ii) any other appropriate indicator
6 of military service, including a certified let-
7 ter from a commanding officer.

8 “(B) INDEPENDENT VERIFICATION BY
9 CREDITOR.—

10 “(i) IN GENERAL.—Regardless of
11 whether a servicemember has provided to a
12 creditor the written notice and documenta-
13 tion under subparagraph (A), the creditor
14 may use, in lieu of such notice and docu-
15 mentation, information retrieved from the
16 Defense Manpower Database Center
17 through the creditor’s normal business re-
18 views of the Database Center for purposes
19 of obtaining information indicating that
20 the servicemember is on active duty.

21 “(ii) SAFE HARBOR.—A creditor that
22 uses the information retrieved from the
23 Defense Manpower Database Center under
24 clause (i) with respect to a servicemember
25 has not failed to treat the debt of the serv-

1 icemember in accordance with subsection

2 (a) if—

3 “(I) such information indicates
4 that, on the date the creditor retrieves
5 such information, the servicemember
6 is not on active duty; and

7 “(II) the creditor has not, as of
8 such date, received the written notice
9 and documentation required under
10 subparagraph (A) with respect to the
11 servicemember.”.

12 **SEC. 579. REPORT REGARDING POSSIBLE IMPROVEMENTS**
13 **TO PROCESSING RETIREMENTS AND MED-**
14 **ICAL DISCHARGES.**

15 (a) **REPORT REQUIRED.**—Not later than 180 days
16 after the date of the enactment of this Act, the Secretary
17 of Defense, in consultation with the Secretary of Veterans
18 Affairs, shall issue a report to the congressional defense
19 committees and the Committees on Veterans’ Affairs of
20 the Senate and House of Representatives regarding pos-
21 sible improvements to the transition of members of the
22 Armed Forces to veteran status.

23 (b) **ELEMENTS.**—The report under subsection (a)
24 shall address the following:

1 (1) Feasibility of requiring members of the
2 Armed Forces to apply for benefits administered by
3 the Secretary of Veterans Affairs before such mem-
4 bers complete discharge from the Armed Forces.

5 (2) Feasibility of requiring members of the
6 Armed Forces to undergo compensation and pension
7 examinations (to be administered by the Secretary of
8 Defense) for purposes of obtaining benefits described
9 in paragraph (1) before such members complete dis-
10 charge from active duty in the Armed Forces.

11 (3) Possible improvements to the timeliness of
12 the process for transitioning members who undergo
13 medical discharge to care provided by the Secretary
14 of Veterans Affairs.

15 **SEC. 580. ESTABLISHMENT OF SEPARATION OATH FOR**
16 **MEMBERS OF THE ARMED FORCES.**

17 (a) FINDINGS.—Congress makes the following find-
18 ings:

19 (1) The United States Armed Forces is the
20 largest, all-volunteer military force in the world, yet
21 less than one percent of the American population
22 serves in the Armed Forces.

23 (2) Each branch of the Armed Forces (Army,
24 Navy, Air Force, Marine Corps, Coast Guard) in-
25 stills in its members a sense of duty and obligation

1 to the United States, their branch of service, and
2 their comrades-in-arms.

3 (3) The Department of Veterans Affairs esti-
4 mates that approximately 20 veterans of the Armed
5 Forces commit suicide each day and a veteran's risk
6 of suicide is 21 percent higher compared to an adult
7 who has not served in the Armed Forces.

8 (4) The Department of Veterans Affairs is ag-
9 gressively undertaking measures to prevent these
10 tragic outcomes, yet suicide rates among veterans
11 remain unacceptably high.

12 (5) Upon enlistment or appointment in the
13 Armed Forces, a new member is obligated to take an
14 oath of office or oath of enlistment.

15 (6) Most members of the Armed Forces view
16 this oath not as an imposition, but as a promise that
17 they are bound to fulfill.

18 (b) ESTABLISHMENT OF SEPARATION OATH.—Sec-
19 tion 502 of title 10, United States Code, is amended—

20 (1) by redesignating subsection (b) as sub-
21 section (c) and, in such subsection, by striking “The
22 oath” and inserting “An oath established by this
23 section”; and

24 (2) by inserting after subsection (a) the fol-
25 lowing new subsection (b):

1 “(b) SEPARATION OATH.—Prior to retirement or
2 other separation from the armed forces, other than sepa-
3 ration pursuant to the sentence of a court-martial, a mem-
4 ber of an armed force may take the following oath:

5 “‘I, — — — — —, recog-
6 nizing that my oath to support and defend the Con-
7 stitution of the United States against all enemies,
8 foreign and domestic, has involved me and my fellow
9 members in experiences that few persons, other than
10 our peers, can understand, do solemnly swear (or af-
11 firm) to continue to be the keeper of my brothers-
12 and sisters-in-arms and protector of the United
13 States and the Constitution; to preserve the values
14 I have learned; to maintain my body and my mind;
15 and to not bring harm to myself without speaking to
16 my fellow veterans first. I take this oath freely and
17 without purpose of evasion, so help me God.’”.

18 (c) CLERICAL AMENDMENTS.—

19 (1) SECTION HEADING.—The heading of section
20 502 of title 10, United States Code, is amended to
21 read as follows:

22 “**§ 502. Enlistment oath and separation oath: who**
23 **may administer**”.

24 (2) TABLE OF SECTIONS.—The table of sections
25 at the beginning of chapter 31 of title 10, United

1 States Code, is amended by striking the item relat-
2 ing to section 502 and inserting the following new
3 item:

“502. Enlistment oath and separation oath: who may administer.”.

4 **SEC. 581. EXTENSION OF REPORTING REQUIREMENT RE-**
5 **GARDING DIVERSITY IN MILITARY LEADER-**
6 **SHIP.**

7 Section 115a(g) of title 10, United States Code, is
8 amended by striking “2017” and inserting “2022”.

9 **TITLE VI—COMPENSATION AND**
10 **OTHER PERSONNEL BENEFITS**
11 **Subtitle A—Pay and Allowances**

12 **SEC. 601. ANNUAL ADJUSTMENT OF BASIC MONTHLY PAY.**

13 The adjustment in the rates of monthly basic pay re-
14 quired by subsection (a) of section 1009 of title 37, United
15 States Code, to be made on January 1, 2018, shall take
16 effect, notwithstanding any determination made by the
17 President under subsection (e) of such section with respect
18 to an alternative pay adjustment to be made on such date.

1 **SEC. 602. LIMITATION ON BASIC ALLOWANCE FOR HOUS-**
2 **ING MODIFICATION AUTHORITY FOR MEM-**
3 **BERS OF THE UNIFORMED SERVICES RESID-**
4 **ING IN MILITARY HOUSING PRIVATIZATION**
5 **INITIATIVE HOUSING.**

6 (a) IN GENERAL.—Paragraph (3) of section 403(b)
7 of title 37, United States Code, is amended by adding at
8 the end the following new subparagraph:

9 “(C) The Secretary of Defense may not reduce the
10 rate of basic allowance for housing in effect on December
11 31, 2017, for a member of a uniformed service who resides
12 in a housing unit acquired or constructed under the alter-
13 native authority of subchapter IV of chapter 169 of title
14 10 (known as the Military Housing Privatization Initia-
15 tive) until January 1, 2019.”.

16 (b) CONFORMING AMENDMENT.—Subparagraph (B)
17 of such paragraph is amended in clause (iv) by striking
18 “Four” and inserting “Subject to subparagraph (C),
19 four”.

20 (c) GAO REVIEW.—Not later than March 1, 2018,
21 the Comptroller General of the United States shall submit
22 to the Committees on Armed Services of the House of
23 Representatives and the Senate a review of the following:

24 (1) An analysis of the impact of reductions in
25 the rate of the basic allowance for housing under
26 section 403 of title 37, United States Code, on the

1 long-term viability of the Military Housing Privatiza-
2 tion Initiative (MHPI).

3 (2) An analysis of projected revenue for the
4 MHPI, considering projected reductions in such
5 basic allowance for housing, which compares pro-
6 jected revenue under the assumption that members
7 of the armed forces will make out-of-pocket pay-
8 ments in addition to rent and under the assumption
9 that members will not make such out-of-pocket pay-
10 ments.

11 (3) An analysis of the extent to which the De-
12 partment of Defense has relied and continues to rely
13 on the assumption that members of the armed forces
14 who live in housing units acquired or constructed
15 under the MHPI will make out-of-pocket payments
16 in addition to basic rent in order to offset reductions
17 in such basic housing allowance.

18 (4) An analysis of the future military construc-
19 tion costs that will be necessary to offset reduced re-
20 investment account distributions as a result of re-
21 ductions in such basic housing allowance, consistent
22 with the requirement included in project ground
23 leases under the MHPI that all assets will be in like-
24 new condition at the end of the lease.

1 (5) The impact on maintenance of housing
2 units acquired or constructed under the MHPI be-
3 cause of the reductions in revenue for the MHPI
4 that will result from reductions in such basic hous-
5 ing allowance.

6 (6) The impacts of the costs described in para-
7 graph (4) and the reduction in revenue described in
8 paragraph (5) on occupancy and revenue generated
9 by occupancy under the MHPI, and the impact of
10 changes in occupancy and associated revenue on the
11 costs described in paragraph (4) and the reduction
12 in revenue described in paragraph (5).

13 (7) The process for establishing the criteria for
14 and the execution of market surveys used to estab-
15 lish the rates of such basic housing allowance.

16 **SEC. 603. HOUSING TREATMENT FOR CERTAIN MEMBERS**
17 **OF THE ARMED FORCES, AND THEIR**
18 **SPOUSES AND OTHER DEPENDENTS, UNDER-**
19 **GOING A PERMANENT CHANGE OF STATION**
20 **WITHIN THE UNITED STATES.**

21 (a) HOUSING TREATMENT.—

22 (1) IN GENERAL.—Chapter 7 of title 37, United
23 States Code, is amended by inserting after section
24 403 the following new section:

1 **“§ 403a. Housing treatment for certain members of**
2 **the Armed Forces, and their spouses and**
3 **other dependents, undergoing a perma-**
4 **nent change of station within the United**
5 **States**

6 “(a) HOUSING TREATMENT FOR CERTAIN MEMBERS
7 WHO HAVE A SPOUSE OR OTHER DEPENDENTS.—

8 “(1) HOUSING TREATMENT REGULATIONS.—

9 The Secretary of Defense shall prescribe regulations
10 that permit a member of the armed forces described
11 in paragraph (2) who is undergoing a permanent
12 change of station within the United States to re-
13 quest the housing treatment described in subsection
14 (b) during the covered relocation period of the mem-
15 ber.

16 “(2) ELIGIBLE MEMBERS.—A member de-
17 scribed in this paragraph is any member who—

18 “(A) has a spouse who is gainfully em-
19 ployed or enrolled in a degree, certificate or li-
20 cense granting program at the beginning of the
21 covered relocation period;

22 “(B) has one or more dependents attend-
23 ing an elementary or secondary school at the
24 beginning of the covered relocation period;

25 “(C) has one or more dependents enrolled
26 in the Exceptional Family Member Program; or

1 “(D) is caring for an immediate family
2 member with a chronic or long-term illness at
3 the beginning of the covered relocation period.

4 “(b) HOUSING TREATMENT.—

5 “(1) CONTINUATION OF HOUSING FOR THE
6 SPOUSE AND OTHER DEPENDENTS.—If a spouse or
7 other dependent of a member whose request under
8 subsection (a) is approved resides in Government-
9 owned or Government-leased housing at the begin-
10 ning of the covered relocation period, the spouse or
11 other dependent may continue to reside in such
12 housing during a period determined in accordance
13 with the regulations prescribed pursuant to this sec-
14 tion.

15 “(2) EARLY HOUSING ELIGIBILITY.—If a
16 spouse or other dependent of a member whose re-
17 quest under subsection (a) is approved is eligible to
18 reside in Government-owned or Government-leased
19 housing following the member’s permanent change
20 of station within the United States, the spouse or
21 other dependent may commence residing in such
22 housing at any time during the covered relocation
23 period.

24 “(3) TEMPORARY USE OF GOVERNMENT-OWNED
25 OR GOVERNMENT-LEASED HOUSING INTENDED FOR

1 MEMBERS WITHOUT A SPOUSE OR DEPENDENT.—If
2 a spouse or other dependent of a member relocates
3 at a time different from the member in accordance
4 with a request approved under subsection (a), the
5 member may be assigned to Government-owned or
6 Government-leased housing intended for the perma-
7 nent housing of members without a spouse or de-
8 pendent until the member’s detachment date or the
9 spouse or other dependent’s arrival date, but only if
10 such Government-owned or Government-leased hous-
11 ing is available without displacing a member without
12 a spouse or dependent at such housing.

13 “(4) **EQUITABLE BASIC ALLOWANCE FOR HOUS-**
14 **ING.**—If a spouse or other dependent of a member
15 relocates at a time different from the member in ac-
16 cordance with a request approved under subsection
17 (a), the amount of basic allowance for housing pay-
18 able may be based on whichever of the following
19 areas the Secretary concerned determines to be the
20 most equitable:

21 “(A) The area of the duty station to which
22 the member is reassigned.

23 “(B) The area in which the spouse or
24 other dependent resides, but only if the spouse
25 or other dependent resides in that area when

1 the member departs for the duty station to
2 which the member is reassigned, and only for
3 the period during which the spouse or other de-
4 pendent resides in that area.

5 “(C) The area of the former duty station
6 of the member, but only if that area is different
7 from the area in which the spouse or other de-
8 pendent resides.

9 “(c) RULE OF CONSTRUCTION RELATED TO CERTAIN
10 BASIC ALLOWANCE FOR HOUSING PAYMENTS.—Nothing
11 in this section shall be construed to limit the payment or
12 the amount of basic allowance for housing payable under
13 section 403(d)(3)(A) of this title to a member whose re-
14 quest under subsection (a) is approved.

15 “(d) HOUSING TREATMENT EDUCATION.—The regu-
16 lations prescribed pursuant to this section shall ensure the
17 relocation assistance programs under section 1056 of title
18 10 include, as part of the assistance normally provided
19 under such section, education about the housing treatment
20 available under this section.

21 “(e) DEFINITIONS.—In this section:

22 “(1) COVERED RELOCATION PERIOD.—(A) Sub-
23 ject to subparagraph (B), the term ‘covered reloca-
24 tion period’, when used with respect to a permanent

1 change of station of a member of the armed forces,
2 means the period that—

3 “(i) begins 180 days before the date of the
4 permanent change of station; and

5 “(ii) ends 180 days after the date of the
6 permanent change of station.

7 “(B) The regulations prescribed pursuant to
8 this section may provide for a lengthening of the
9 covered relocation period of a member for purposes
10 of this section.

11 “(2) DEPENDENT.—The term ‘dependent’ has
12 the meaning given that term in section 401 of this
13 title.

14 “(3) PERMANENT CHANGE OF STATION.—The
15 term ‘permanent change of station’ means a perma-
16 nent change of station described in section 452(b)(2)
17 of this title.”.

18 (2) CLERICAL AMENDMENT.—The table of sec-
19 tions at the beginning of chapter 7 such title is
20 amended by inserting after the item relating to sec-
21 tion 403 the following new item:

“403a. Housing treatment for certain members of the armed forces, and their
spouses and other dependents, undergoing a permanent change
of station within the United States.”.

22 (b) EFFECTIVE DATE.—The amendments made by
23 this section shall take effect on the date of the enactment
24 of this Act, and shall apply with respect to permanent

1 changes of station of members of the Armed Forces that
2 occur on or after October 1 of the fiscal year that begins
3 after such date of enactment.

4 **SEC. 604. PER DIEM ALLOWANCE POLICIES.**

5 (a) POLICY AND REGULATIONS.—

6 (1) EXISTING POLICY AND REGULATIONS.—The
7 Secretary of each military department may not im-
8 plement the policy in the memorandum dated Octo-
9 ber 1, 2014, titled “UTD/CTS for MAP 118-13/
10 CAP 118-13 – Flat Rate Per Diem for Long Term
11 TDY”, regarding per diem allowances, or any regu-
12 lations prescribed pursuant to such memorandum,
13 on or after the date of the enactment of this Act.

14 (2) FUTURE POLICY AND REGULATIONS.—(A)
15 The Secretary of each military department con-
16 cerned may not implement a new policy regarding
17 per diem allowances under section 474 of title 37,
18 United States Code, until after the Secretary of De-
19 fense issues the report under subsection (b).

20 (B) The Secretary of the military department
21 concerned shall notify the appropriate congressional
22 committees not less than 30 days before imple-
23 menting a new policy regarding per diem allowances
24 under section 474 of title 37, United States Code.

1 (b) REPORT.—Not later than 180 days after the date
2 of the enactment of this Act, the Secretary of Defense
3 shall issue a report to the appropriate congressional com-
4 mittees regarding options to reduce travel costs incurred
5 by the Department of Defense, including the adoption of
6 practices used by private entities.

7 (c) APPROPRIATE CONGRESSIONAL COMMITTEES.—
8 In this section, the term “appropriate congressional com-
9 mittees” means the congressional defense committees, the
10 Committee on Homeland Security and Governmental Af-
11 fairs of the Senate, and the Committee on Oversight and
12 Government Reform of the House of Representatives.

13 **SEC. 605. REEVALUATION OF BAH FOR THE MILITARY**
14 **HOUSING AREA INCLUDING STATEN ISLAND.**

15 Not later than 90 days after the date of the enact-
16 ment of this Act, the Secretary of Defense, using the most
17 recent data available to the Secretary, shall reevaluate the
18 basic housing allowance prescribed under section 403(b)
19 of title 37, United States Code, for the military housing
20 area that includes Staten Island, New York.

21 **SEC. 606. APPLICATION OF BASIC ALLOWANCE FOR HOUS-**
22 **ING TO MEMBERS OF THE UNIFORMED SERV-**
23 **ICES IN THE VIRGIN ISLANDS.**

24 (a) IN GENERAL.—Section 403(b) of title 37, United
25 States Code, is amended—

1 (1) in the heading, by inserting “AND THE VIR-
2 GIN ISLANDS” after “THE UNITED STATES”;

3 (2) in paragraph (1), by inserting “and the Vir-
4 gin Islands” after “the United States”; and

5 (3) in paragraphs (2), (3)(A), and (6), by in-
6 serting “or the Virgin Islands” after “the United
7 States” each place it appears.

8 (b) CONFORMING AMENDMENTS.—Section 403(c) of
9 title 37, United States Code, is amended—

10 (1) in the heading, by inserting “OR THE VIR-
11 GIN ISLANDS” after “THE UNITED STATES”; and

12 (2) in paragraphs (1), (2), (3)(A)(i), and
13 (3)(B), by inserting “or the Virgin Islands” after
14 “the United States” each place it appears.

15 (c) EFFECTIVE DATE.—The amendments made by
16 this section shall take effect on the date of the enactment
17 of this Act and shall apply to payments under section 403
18 of title 37, United States Code, beginning on January 1,
19 2018.

1 **Subtitle B—Bonuses and Special**
2 **and Incentive Pays**

3 **SEC. 611. ONE-YEAR EXTENSION OF CERTAIN BONUS AND**
4 **SPECIAL PAY AUTHORITIES FOR RESERVE**
5 **FORCES.**

6 The following sections of title 37, United States
7 Code, are amended by striking “December 31, 2017” and
8 inserting “December 31, 2018”:

9 (1) Section 308b(g), relating to Selected Re-
10 serve reenlistment bonus.

11 (2) Section 308c(i), relating to Selected Reserve
12 affiliation or enlistment bonus.

13 (3) Section 308d(c), relating to special pay for
14 enlisted members assigned to certain high-priority
15 units.

16 (4) Section 308g(f)(2), relating to Ready Re-
17 serve enlistment bonus for persons without prior
18 service.

19 (5) Section 308h(e), relating to Ready Reserve
20 enlistment and reenlistment bonus for persons with
21 prior service.

22 (6) Section 308i(f), relating to Selected Reserve
23 enlistment and reenlistment bonus for persons with
24 prior service.

1 (7) Section 478a(e), relating to reimbursement
2 of travel expenses for inactive-duty training outside
3 of normal commuting distance.

4 (8) Section 910(g), relating to income replace-
5 ment payments for reserve component members ex-
6 periencing extended and frequent mobilization for
7 active duty service.

8 **SEC. 612. ONE-YEAR EXTENSION OF CERTAIN BONUS AND**
9 **SPECIAL PAY AUTHORITIES FOR HEALTH**
10 **CARE PROFESSIONALS.**

11 (a) TITLE 10 AUTHORITIES.—The following sections
12 of title 10, United States Code, are amended by striking
13 “December 31, 2017” and inserting “December 31,
14 2018”:

15 (1) Section 2130a(a)(1), relating to nurse offi-
16 cer candidate accession program.

17 (2) Section 16302(d), relating to repayment of
18 education loans for certain health professionals who
19 serve in the Selected Reserve.

20 (b) TITLE 37 AUTHORITIES.—The following sections
21 of title 37, United States Code, are amended by striking
22 “December 31, 2017” and inserting “December 31,
23 2018”:

24 (1) Section 302c-1(f), relating to accession and
25 retention bonuses for psychologists.

1 (2) Section 302d(a)(1), relating to accession
2 bonus for registered nurses.

3 (3) Section 302e(a)(1), relating to incentive
4 special pay for nurse anesthetists.

5 (4) Section 302g(e), relating to special pay for
6 Selected Reserve health professionals in critically
7 short wartime specialties.

8 (5) Section 302h(a)(1), relating to accession
9 bonus for dental officers.

10 (6) Section 302j(a), relating to accession bonus
11 for pharmacy officers.

12 (7) Section 302k(f), relating to accession bonus
13 for medical officers in critically short wartime spe-
14 cialties.

15 (8) Section 302l(g), relating to accession bonus
16 for dental specialist officers in critically short war-
17 time specialties.

18 **SEC. 613. ONE-YEAR EXTENSION OF SPECIAL PAY AND**
19 **BONUS AUTHORITIES FOR NUCLEAR OFFI-**
20 **CERS.**

21 The following sections of title 37, United States
22 Code, are amended by striking “December 31, 2017” and
23 inserting “December 31, 2018”:

1 (1) Section 312(f), relating to special pay for
2 nuclear-qualified officers extending period of active
3 service.

4 (2) Section 312b(c), relating to nuclear career
5 accession bonus.

6 (3) Section 312c(d), relating to nuclear career
7 annual incentive bonus.

8 **SEC. 614. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**
9 **ING TO TITLE 37 CONSOLIDATED SPECIAL**
10 **PAY, INCENTIVE PAY, AND BONUS AUTHORI-**
11 **TIES.**

12 The following sections of title 37, United States
13 Code, are amended by striking “December 31, 2017” and
14 inserting “December 31, 2018”:

15 (1) Section 331(h), relating to general bonus
16 authority for enlisted members.

17 (2) Section 332(g), relating to general bonus
18 authority for officers.

19 (3) Section 333(i), relating to special bonus and
20 incentive pay authorities for nuclear officers.

21 (4) Section 334(i), relating to special aviation
22 incentive pay and bonus authorities for officers.

23 (5) Section 335(k), relating to special bonus
24 and incentive pay authorities for officers in health
25 professions.

1 (6) Section 336(g), relating to contracting
2 bonus for cadets and midshipmen enrolled in the
3 Senior Reserve Officers' Training Corps.

4 (7) Section 351(h), relating to hazardous duty
5 pay.

6 (8) Section 352(g), relating to assignment pay
7 or special duty pay.

8 (9) Section 353(i), relating to skill incentive
9 pay or proficiency bonus.

10 (10) Section 355(h), relating to retention incen-
11 tives for members qualified in critical military skills
12 or assigned to high priority units.

13 **SEC. 615. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**
14 **ING TO PAYMENT OF OTHER TITLE 37 BO-**
15 **NUSES AND SPECIAL PAYS.**

16 The following sections of title 37, United States
17 Code, are amended by striking “December 31, 2017” and
18 inserting “December 31, 2018”:

19 (1) Section 301b(a), relating to aviation officer
20 retention bonus.

21 (2) Section 307a(g), relating to assignment in-
22 centive pay.

23 (3) Section 308(g), relating to reenlistment
24 bonus for active members.

1 (4) Section 309(e), relating to enlistment
2 bonus.

3 (5) Section 316a(g), relating to incentive pay
4 for members of precommissioning programs pur-
5 suing foreign language proficiency.

6 (6) Section 324(g), relating to accession bonus
7 for new officers in critical skills.

8 (7) Section 326(g), relating to incentive bonus
9 for conversion to military occupational specialty to
10 ease personnel shortage.

11 (8) Section 327(h), relating to incentive bonus
12 for transfer between Armed Forces.

13 (9) Section 330(f), relating to accession bonus
14 for officer candidates.

15 **SEC. 616. REIMBURSEMENT FOR STATE LICENSURE AND**
16 **CERTIFICATION COSTS OF A MEMBER OF THE**
17 **ARMED FORCES ARISING FROM SEPARATION**
18 **FROM THE ARMED FORCES.**

19 (a) REIMBURSEMENT AUTHORIZED.—Section 1143
20 of title 10, United States Code, is amended by adding at
21 the end the following new subsection:

22 “(f) REIMBURSEMENT FOR STATE LICENSURE AND
23 CERTIFICATION COSTS.—(1) The Secretary concerned
24 may reimburse a member of the armed forces who sepa-

1 rates from the armed forces for qualified relicensing costs
2 of the member.

3 “(2) Reimbursement provided to a member under
4 this subsection may not exceed \$500.

5 “(3) In this subsection, the term ‘qualified relicensing
6 costs’ means costs, including exam and registration fees,
7 that—

8 “(A) are imposed by the State in which the
9 member resides after separation from the armed
10 forces to secure a license or certification to engage
11 in a profession; and

12 “(B) are paid or incurred by the member to se-
13 cure the license or certification from the State in
14 which the member resides after separation from the
15 armed forces.”.

16 (b) DEVELOPMENT OF RECOMMENDATIONS TO EX-
17 PEDITE LICENSE PORTABILITY FOR MEMBERS OF THE
18 ARMED FORCES.—

19 (1) CONSULTATION WITH STATES.—The Sec-
20 retary of Defense, and the Secretary of Homeland
21 Security with respect to the Coast Guard, shall con-
22 sult with States—

23 (A) to identify barriers to the portability
24 between States of a license, certification, or
25 other grant of permission held by a member of

1 the Armed Forces to engage in an occupation
2 when the member separates from the Armed
3 Forces; and

4 (B) to develop recommendations for the
5 Federal Government and the States, together or
6 separately, to expedite the portability of such li-
7 censes, certifications, and other grants of per-
8 mission for separated members of the Armed
9 Forces.

10 (2) SPECIFIC CONSIDERATIONS.—In conducting
11 the consultation and preparing the recommendations
12 under paragraph (1), the Secretaries shall consider
13 the feasibility of—

14 (A) States accepting licenses, certifi-
15 cations, and other grants of permission de-
16 scribed in paragraph (1) issued by another
17 State and in good standing in that State;

18 (B) the issuance of a temporary license
19 pending completion of State-specific require-
20 ments; and

21 (C) the establishment of an expedited re-
22 view process for separated members of the
23 Armed Forces.

24 (3) REPORT REQUIRED.—Not later than March
25 15, 2018, the Secretaries shall submit to the appro-

1 appropriate congressional committees and the States a re-
2 port containing the recommendations developed
3 under this subsection.

4 (4) APPROPRIATE CONGRESSIONAL COMMIT-
5 TEES.—In this subsection, the term “appropriate
6 congressional committees” means the congressional
7 defense committees, the Committee on Homeland
8 Security and Government Affairs of the Senate, and
9 the Committee on Oversight and Government Re-
10 form of the House of Representatives.

11 **SEC. 617. INCREASE IN MAXIMUM AMOUNT OF AVIATION**
12 **BONUS FOR 12-MONTH PERIOD OF OBLI-**
13 **GATED SERVICE.**

14 Section 334(c)(1)(B) of title 37, United States Code,
15 is amended by striking “\$35,000” and inserting
16 “\$50,000”.

17 **SEC. 618. TECHNICAL AND CLERICAL AMENDMENTS RELAT-**
18 **ING TO 2008 CONSOLIDATION OF CERTAIN**
19 **SPECIAL PAY AUTHORITIES.**

20 (a) REPAYMENT PROVISIONS.—

21 (1) TITLE 10.—Section 510(i), subsections
22 (a)(3) and (c) of section 2005, paragraphs (1) and
23 (2) of section 2007(e), section 2105, section
24 2123(e)(1)(C), section 2128(c), section 2130a(d),
25 section 2171(g), section 2173(g)(2), paragraphs (1)

1 and (2) of section 2200a(e), section 4348(f), section
2 6959(f), section 9348(f), subsections (a)(2) and (b)
3 of section 16135, section 16203(a)(1)(B), section
4 16301(h), section 16303(d), and the matter pre-
5 ceding subparagraph (A) of paragraph (1) and the
6 matter preceding subparagraph (A) of paragraph (2)
7 of section 16401(f) of title 10, United States Code,
8 are each amended by inserting “or 373” before “of
9 title 37”.

10 (2) TITLE 14.—Section 182(g) of title 14,
11 United States Code, is amended by inserting “or
12 373” before “of title 37”.

13 (b) OFFICERS APPOINTED PURSUANT TO AN AGREE-
14 MENT UNDER SECTION 329 OF TITLE 37.—Section 641
15 of title 10, United States Code, is amended by striking
16 paragraph (6).

17 (c) REENLISTMENT LEAVE.—The matter preceding
18 paragraph (1) of section 703(b) of title 10, United States
19 Code, is amended by inserting “or paragraph (1) or (3)
20 of section 351(a)” after “section 310(a)(2)”.

21 (d) REST AND RECUPERATION ABSENCE: QUALIFIED
22 MEMBERS EXTENDING DUTY AT A DESIGNATED LOCA-
23 TION OVERSEAS.—The matter following paragraph (4) of
24 section 705(a) of title 10, United States Code, is amended
25 by inserting “or 352” after “section 314”.

1 (e) REST AND RECUPERATION ABSENCE: CERTAIN
2 MEMBERS UNDERGOING EXTENDED DEPLOYMENT TO A
3 COMBAT ZONE.—Section 705a(b)(1)(B) of title 10,
4 United States Code, is amended by inserting or “352(a)”
5 after “section 305”.

6 (f) MILITARY PAY AND ALLOWANCES CONTINUANCE
7 WHILE IN A MISSING STATUS.—Section 552(a)(2) of title
8 37, United States Code, is amended by inserting “or para-
9 graph (2) of section 351(a)” after “section 301”.

10 (g) MILITARY PAY AND ALLOWANCES.—Section
11 907(d) of title 37, United States Code, is amended—

12 (1) in paragraph (1)—

13 (A) in subparagraph (A), by inserting “or
14 351” after “section 301”;

15 (B) in subparagraph (B), by inserting “or
16 352” after “section 301c”;

17 (C) in subparagraph (C), by inserting “or
18 353(a)” after “section 304”;

19 (D) in subparagraph (D), by inserting “or
20 352” after “section 305”;

21 (E) in subparagraph (E), by inserting “or
22 352” after “section 305a”;

23 (F) in subparagraph (F), by inserting “or
24 352” after “section 305b”;

1 (G) in subparagraph (G), by inserting “or
2 352” after “section 307a”;

3 (H) in subparagraph (I), by inserting “or
4 352” after “section 314”;

5 (I) in subparagraph (J), by striking “316”
6 and inserting “353(b)”;

7 (J) in subparagraph (K), by striking
8 “323” and inserting “355”;

9 (2) in paragraph (2)—

10 (A) in subparagraph (A), by inserting “or
11 352” after “section 307”;

12 (B) in subparagraph (B), by striking
13 “308” and inserting “331”;

14 (C) in subparagraph (C), by striking
15 “309” and inserting “331”;

16 (D) in subparagraph (D), by inserting “or
17 353” after “section 320”.

18 (h) PAY AND ALLOWANCES.—Section 208(a)(2) of
19 the Public Health Service Act (42 U.S.C. 210(a)(2)) is
20 amended by inserting “or 373” after “303a(b)”.

1 **SEC. 619. IMPROVED EMPLOYMENT ASSISTANCE FOR MEM-**
2 **BERS OF THE ARMED FORCES AND VET-**
3 **ERANS.**

4 (a) IMPROVED EMPLOYMENT SKILLS
5 VERIFICATION.—Section 1143(a) of title 10, United
6 States Code, is amended—

7 (1) by inserting “(1)” before “The Secretary of
8 Defense”; and

9 (2) by adding at the end the following new
10 paragraph:

11 “(2) In order to improve the accuracy and complete-
12 ness of a certification or verification of job skills and expe-
13 rience required by paragraph (1), the Secretary of Defense
14 and the Secretary of Homeland Security with respect to
15 the Coast Guard when it is not operating as a service in
16 the Navy shall—

17 “(A) establish a database to record all training
18 performed by members of the armed forces that may
19 have application to employment in the civilian sector;
20 and

21 “(B) make unclassified information regarding
22 such information available to States and other po-
23 tential employers referred to in subsection (c) so
24 that State and other entities may allow military
25 training to satisfy licensing or certification require-
26 ments to engage in a civilian profession.”.

1 (b) IMPROVED ACCURACY OF CERTIFICATES OF
2 TRAINING AND SKILLS.—Section 1143(a) of title 10,
3 United States Code, is further amended by inserting after
4 paragraph (2), as added by subsection (a), the following
5 new paragraph:

6 “(3) The Secretary of Defense and the Secretary of
7 Homeland Security with respect to the Coast Guard when
8 it is not operating as a service in the Navy shall ensure
9 that a certification or verification of job skills and experi-
10 ence required by paragraph (1) is rendered in such a way
11 that States and other potential employers can confirm the
12 accuracy and authenticity of the certification or
13 verification.”.

14 (c) IMPROVED RESPONSIVENESS TO CERTIFICATION
15 REQUESTS.—Section 1143(c) of title 10, United States
16 Code, is amended—

17 (1) by inserting “(1)” before “For the pur-
18 pose”; and

19 (2) by adding at the end the following new
20 paragraph:

21 “(2) A State may use a certification or verification
22 of job skills and experience provided to a member of the
23 armed forces under subsection (a) and request the Depart-
24 ment of Defense or the Coast Guard, as the case may be,
25 to confirm the accuracy and authenticity of the certifi-

1 cation or verification. A response confirming or denying
2 the information shall be provided within five business
3 days.”.

4 (d) IMPROVED NOTICE TO MEMBERS.—Section
5 1142(b)(4)(A) of title 10, United States Code, is amended
6 by inserting before the semicolon the following: “, includ-
7 ing State-submitted and approved lists of military training
8 and skills that satisfy occupational certifications and li-
9 censes”.

10 **Subtitle C—Disability Pay, Retired** 11 **Pay, and Survivor Benefits**

12 **SEC. 621. FINDINGS AND SENSE OF CONGRESS REGARDING** 13 **THE SPECIAL SURVIVOR INDEMNITY ALLOW-** 14 **ANCE.**

15 (a) FINDINGS.—Congress finds the following:

16 (1) Dependency and indemnity compensation
17 administered by the Department of Veterans Affairs
18 provides financial support to the surviving spouses,
19 children, and dependent parents of deceased vet-
20 erans.

21 (2) The survivor benefit plan administered by
22 the Department of Defense provides an inflation-ad-
23 justed annuity to the eligible survivors of certain de-
24 ceased military personnel.

1 (3) The amount of compensation a surviving
2 spouse may receive under the survivor benefit plan
3 is offset on a dollar-for-dollar basis by any amount
4 of dependency and indemnity compensation the sur-
5 viving spouse receives.

6 (b) SENSE OF CONGRESS.—It is the sense of Con-
7 gress that—

8 (1) the special survivor indemnity allowance
9 was created to assist surviving spouses and begin to
10 repay the offset described in subsection (a)(3); and

11 (2) such offset should be repealed as soon as
12 possible.

13 **Subtitle D—Other Matters**

14 **SEC. 631. LAND CONVEYANCE AUTHORITY, ARMY AND AIR** 15 **FORCE EXCHANGE SERVICE PROPERTY, DAL-** 16 **LAS, TEXAS.**

17 (a) CONVEYANCE AUTHORIZED.—The Army and Air
18 Force Exchange Service may convey, by sale, exchange,
19 or a combination thereof, all right, title, and interest of
20 the United States in and to a parcel of real property, in-
21 cluding improvements thereon, that is located at 8901
22 Autobahn Drive in Dallas, Texas, and was purchased
23 using nonappropriated funds of the Army and Air Force
24 Exchange Service.

25 (b) CONSIDERATION.—

1 (1) IN GENERAL.—Consideration for the real
2 property conveyed under subsection (a) shall be at
3 least equal to the fair market value of the property,
4 as determined by the Army and Air Force Exchange
5 Service.

6 (2) TREATMENT OF CASH CONSIDERATION.—
7 Any cash consideration received from the conveyance
8 of the property under subsection (a) may be retained
9 by the Army and Air Force Exchange Service since
10 the property was acquired using nonappropriated
11 funds.

12 (c) DESCRIPTION OF PROPERTY.—The exact acreage
13 and legal description of the real property to be conveyed
14 under subsection (a) shall be determined by a survey satis-
15 factory to the Army and Air Force Exchange Service. The
16 recipient of the property shall be required to cover the cost
17 of the survey.

18 (d) ADDITIONAL TERMS AND CONDITIONS.—The
19 Army and Air Force Exchange Service may require such
20 additional terms and conditions in connection with the
21 conveyance under subsection (a) as the Army and Air
22 Force Exchange Service considers appropriate to protect
23 the interests of the United States.

1 **SEC. 632. REPORT REGARDING MANAGEMENT OF MILITARY**
2 **COMMISSARIES AND EXCHANGES.**

3 (a) **REPORT REQUIRED.**—Not later than 180 days
4 after the date of the enactment of this Act, the Secretary
5 of Defense shall submit to the congressional defense com-
6 mittees a report regarding management practices of mili-
7 tary commissaries and exchanges.

8 (b) **ELEMENTS.**—The report required under this sec-
9 tion shall include a cost-benefit analysis with the goals
10 of—

11 (1) reducing the costs of operating military
12 commissaries and exchanges by \$2,000,000,000 dur-
13 ing fiscal years 2018 through 2022; and

14 (2) not raising costs for patrons of military
15 commissaries and exchanges.

16 **TITLE VII—HEALTH CARE**
17 **PROVISIONS**

18 **Subtitle A—TRICARE and Other**
19 **Health Care Benefits**

20 **SEC. 701. PHYSICAL EXAMINATIONS FOR MEMBERS OF A**
21 **RESERVE COMPONENT WHO ARE SEPA-**
22 **RATING FROM THE ARMED FORCES.**

23 Section 1145 of title 10, United States Code, is
24 amended—

25 (1) by redesignating subsections (d) and (e) as
26 subsections (e) and (f), respectively; and

1 (2) by inserting after subsection (c) the fol-
2 lowing new subsection (d):

3 “(d) PHYSICAL EXAMINATIONS FOR CERTAIN MEM-
4 BERS OF A RESERVE COMPONENT.—(1) The Secretary
5 concerned shall provide a physical examination pursuant
6 to subsection (a)(5) to each member of a reserve compo-
7 nent who—

8 “(A) during the two-year period before the date
9 on which the member is scheduled to be separated
10 from the armed force served on active duty in sup-
11 port of a contingency operation for a period of more
12 than 30 days;

13 “(B) will not otherwise receive such an exam-
14 ination under such subsection; and

15 “(C) elects to receive such a physical examina-
16 tion.

17 “(2) The Secretary concerned shall—

18 “(A) provide the physical examination under
19 paragraph (1) to a member during the 90-day period
20 before the date on which the member is scheduled to
21 be separated from the armed forces; and

22 “(B) issue orders to such a member to receive
23 such physical examination.

24 “(3) A member may not be entitled to health care
25 benefits pursuant to subsection (a), (b), or (c) solely by

1 reason of being provided a physical examination under
2 paragraph (1).

3 “(4) In providing to a member a physical examination
4 under paragraph (1), the Secretary concerned shall pro-
5 vide to the member a record of the physical examination.”.

6 **SEC. 702. MENTAL HEALTH EXAMINATIONS BEFORE MEM-**
7 **BERS SEPARATE FROM THE ARMED FORCES.**

8 (a) IN GENERAL.—Section 1145(a)(5)(A) of title 10,
9 United States Code, is amended by inserting “and a men-
10 tal health examination conducted pursuant to section
11 1074n of this title” after “a physical examination”.

12 (b) CONFORMING AMENDMENT.—Section 1074n(a)
13 of such title is amended by inserting “(and before separa-
14 tion from active duty pursuant to section 1145(a)(5)(A)
15 of this title)” after “each calendar year”.

16 **SEC. 703. PROVISION OF HYPERBARIC OXYGEN THERAPY**
17 **FOR CERTAIN MEMBERS OF THE ARMED**
18 **FORCES.**

19 (a) HBOT TREATMENT.—

20 (1) IN GENERAL.—Chapter 55 of title 10,
21 United States Code, is amended by inserting after
22 section 1074n the following new section:

1 **“§ 1074o. Provision of hyperbaric oxygen therapy for**
2 **certain members**

3 “(a) IN GENERAL.—The Secretary may furnish
4 hyperbaric oxygen therapy available at a military medical
5 treatment facility to a covered member if such therapy is
6 prescribed by a physician to treat post-traumatic stress
7 disorder or traumatic brain injury.

8 “(b) COVERED MEMBER DEFINED.—In this section,
9 the term ‘covered member’ means a member of the armed
10 forces who is—

11 “(1) serving on active duty; and

12 “(2) diagnosed with post-traumatic stress dis-
13 order or traumatic brain injury.”.

14 (2) CLERICAL AMENDMENT.—The table of sec-
15 tions at the beginning of such chapter is amended
16 by inserting after the item relating to section 1074n
17 the following new item:

“1074o. Provision of hyperbaric oxygen therapy for certain members.”.

18 (b) EFFECTIVE DATE.—The amendments made by
19 subsection (a) shall take effect 90 days after the date of
20 the enactment of this Act.

1 **SEC. 704. MENTAL HEALTH ASSESSMENTS FOR MEMBERS**
2 **OF THE ARMED FORCES DEPLOYED IN SUP-**
3 **PORT OF A CONTINGENCY OPERATION.**

4 Section 1074m(a)(1)(B) of title 10, United States
5 Code, is amended by striking “Until January 1, 2019,
6 once” and inserting “Once”.

7 **SEC. 705. COUNSELING AND TREATMENT FOR SUBSTANCE**
8 **USE DISORDERS AND CHRONIC PAIN MAN-**
9 **AGEMENT SERVICES FOR MEMBERS WHO**
10 **SEPARATE FROM THE ARMED FORCES.**

11 Section 1145(a)(6)(B)(i) of title 10, United States
12 Code, is amended—

13 (1) in subclause (I)—

14 (A) by inserting “, substance use dis-
15 order,” after “post-traumatic stress disorder”;
16 and

17 (B) by striking “and” at the end;

18 (2) by redesignating subclause (II) as subclause
19 (III); and

20 (3) by inserting after subclause (I) the fol-
21 lowing:

22 “(II) chronic pain management
23 services, including counseling and
24 treatment of co-occurring mental
25 health disorders and alternatives to
26 opioid analgesics; and”.

1 **SEC. 706. EXPANSION OF SEXUAL TRAUMA COUNSELING**
2 **AND TREATMENT FOR MEMBERS OF THE RE-**
3 **SERVE COMPONENTS.**

4 Section 1720D(a)(2)(A) of title 38, United States
5 Code, is amended—

6 (1) by striking “on active duty”; and

7 (2) by inserting before the period at the end the
8 following: “that was suffered by the member while
9 serving on active duty, active duty for training, or
10 inactive duty training.”.

11 **Subtitle B—Health Care**
12 **Administration**

13 **SEC. 711. CLARIFICATION OF ROLES OF COMMANDERS OF**
14 **MILITARY MEDICAL TREATMENT FACILITIES**
15 **AND SURGEONS GENERAL.**

16 (a) **ROLE OF COMMANDERS.**—Section 1073c(a)(2) of
17 title 10, United States Code, is amended—

18 (1) by redesignating subparagraphs (A) and
19 (B) as subparagraphs (B) and (C), respectively; and

20 (2) by inserting before subparagraph (B) the
21 following new subparagraph (A):

22 “(A) the operation of such facility;”.

23 (b) **ROLE OF SURGEONS GENERAL.**—

24 (1) **SURGEON GENERAL OF THE ARMY.**—Sec-
25 tion 3036(f) of title 10, United States Code, is

1 amended by adding at the end the following new
2 paragraph:

3 “(4)(A) The Surgeon General is responsible—

4 “(i) for the medical readiness provided by the
5 military medical treatment facilities of the Army;
6 and

7 “(ii) for maintaining a ready medical force of
8 the Army.

9 “(B) In carrying out subparagraph (A), the Surgeon
10 General shall provide operational oversight of readiness
11 matters of the military medical treatment facilities of the
12 Army.”.

13 (2) SURGEON GENERAL OF THE NAVY.—Section
14 5137(b) of title 10, United States Code, is amended
15 by adding at the end the following new paragraph:

16 “(4)(A) The Surgeon General is responsible—

17 “(i) for the medical readiness provided by the
18 military medical treatment facilities of the Navy;
19 and

20 “(ii) for maintaining a ready medical force of
21 the Navy.

22 “(B) In carrying out subparagraph (A), the Surgeon
23 General shall provide operational oversight of readiness
24 matters of the military medical treatment facilities of the
25 Navy.”.

1 (3) SURGEON GENERAL OF THE AIR FORCE.—
2 Section 8036(b) of title 10, United States Code, is
3 amended by adding at the end the following new
4 paragraph:

5 “(4)(A) The Surgeon General is responsible—

6 “(i) for the medical readiness provided by the
7 military medical treatment facilities of the Air
8 Force; and

9 “(ii) for maintaining a ready medical force of
10 the Air Force.

11 “(B) In carrying out subparagraph (A), the Surgeon
12 General shall provide operational oversight of readiness
13 matters of the military medical treatment facilities of the
14 Air Force.”.

15 **SEC. 712. MAINTENANCE OF INPATIENT CAPABILITIES OF**
16 **MILITARY MEDICAL TREATMENT FACILITIES**
17 **LOCATED OUTSIDE THE UNITED STATES.**

18 In carrying out section 1073d of title 10, United
19 States Code, the Secretary of Defense shall ensure that
20 each military medical treatment facility located outside the
21 United States maintains, at a minimum, the inpatient ca-
22 pabilities of such facility as of September 30, 2016.

1 **SEC. 713. REGULAR UPDATE OF PRESCRIPTION DRUG**
2 **PRICING STANDARD UNDER TRICARE RETAIL**
3 **PHARMACY PROGRAM.**

4 Section 1074g(d) of title 10, United States Code, is
5 amended by adding at the end the following new para-
6 graph:

7 “(3) With respect to the TRICARE retail pharmacy
8 program described in subsection (a)(2)(E)(ii), the Sec-
9 retary shall ensure that a contract entered into with a
10 TRICARE pharmacy program contractor includes require-
11 ments described in section 1860D–12(b)(6) of the Social
12 Security Act (42 U.S.C. 1395w–112(b)(6)) to ensure the
13 provision of information regarding the pricing standard
14 for prescription drugs.”.

15 **SEC. 714. RESIDENCY REQUIREMENTS FOR PODIATRISTS.**

16 (a) REQUIREMENT.—In addition to any other quali-
17 fication required by law or regulation, the Secretary of De-
18 fense shall ensure that to serve as a podiatrist in the
19 Armed Forces, an individual must have successfully com-
20 pleted a three-year podiatric medicine and surgical resi-
21 dency.

22 (b) APPLICATION.—Subsection (a) shall apply with
23 respect to an individual who is commissioned as an officer
24 in the Armed Forces on or after the date that is one year
25 after the date of the enactment of this Act.

1 **SEC. 715. TRAINING REQUIREMENT FOR HEALTH CARE**
2 **PROFESSIONALS PRESCRIBING OPIOIDS FOR**
3 **TREATMENT OF PAIN IN THE ARMED**
4 **FORCES.**

5 (a) IN GENERAL.—(1) The Secretary of Defense
6 shall ensure that to serve as a health care professional
7 in the Department of Defense as an individual who is au-
8 thorized to prescribe or otherwise dispense opioids for the
9 treatment of pain, the professional (other than a phar-
10 macist) must comply with the 12-hour training require-
11 ment of paragraph (2) at least once during each 3-year
12 period or be licensed in a State that requires equivalent
13 (or greater) training described in paragraph (2) with re-
14 spect to the prescribing or dispensing of opioids for the
15 treatment of pain.

16 (2) The training requirement of this paragraph is
17 that the professional has completed not less than 12 hours
18 of training (through classroom situations, seminars at pro-
19 fessional society meetings, electronic communications, or
20 otherwise) with respect to—

21 (A) pain management treatment guidelines and
22 best practices;

23 (B) early detection of opioid addiction; and

24 (C) the treatment and management of opioid-
25 dependent patients,

1 that is provided by the American Society of Addiction
2 Medicine, the American Academy of Addiction Psychiatry,
3 the American Medical Association, the American Osteo-
4 pathic Association, the American Psychiatric Association,
5 the American Academy of Pain Management, the Amer-
6 ican Pain Society, the American Academy of Pain Medi-
7 cine, the American Board of Pain Medicine, the American
8 Society of Interventional Pain Physicians, or any other or-
9 ganization that the Secretary of Defense determines is ap-
10 propriate for purposes of this subsection.

11 (b) ESTABLISHMENT OF TRAINING MODULES.—(1)
12 The Secretary of Defense shall establish or support the
13 establishment of one or more training modules to be used
14 to meet the training requirement under subsection (a).

15 (2) To be eligible to receive support under paragraph
16 (1), an entity shall be—

17 (A) one of the organizations listed in paragraph
18 (2) of subsection (a); or

19 (B) any other organization that the Secretary
20 determines is appropriate to provide training under
21 such subsection.

1 **Subtitle C—Other Matters**

2 **SEC. 721. ONE YEAR EXTENSION OF PILOT PROGRAM FOR**
3 **PRESCRIPTION DRUG ACQUISITION COST**
4 **PARITY IN THE TRICARE PHARMACY BENE-**
5 **FITS PROGRAM.**

6 Section 743(d) of the National Defense Authorization
7 Act for Fiscal Year 2017 (Public Law 114–328) is amend-
8 ed—

9 (1) by striking “October 1, 2017” and inserting
10 “October 1, 2018”; and

11 (2) by striking “September 30, 2018” and in-
12 serting “September 30, 2019”.

13 **SEC. 722. PILOT PROGRAM ON HEALTH CARE ASSISTANCE**
14 **SYSTEM.**

15 (a) PILOT PROGRAM.—The Secretary of Defense
16 shall carry out a pilot program to provide a health care
17 assistance service to certain covered beneficiaries enrolled
18 in TRICARE Prime or TRICARE Select to improve the
19 health outcomes and patient experience for covered bene-
20 ficiaries with complex medical conditions.

21 (b) ELEMENTS.—The pilot program under subsection
22 (a) may include the following elements:

23 (1) Assisting families with complex medical con-
24 ditions to understand and use the health benefits
25 under the TRICARE program.

1 (2) Supporting such families in accessing and
2 navigating the health care delivery system.

3 (3) Providing such families with information to
4 allow the families to make informed decisions with
5 health care providers.

6 (4) Improving the health outcomes for such
7 families.

8 (c) DURATION.—The Secretary shall carry out the
9 pilot program for an amount of time determined appro-
10 priate by the Secretary during the five-year period begin-
11 ning January 1, 2018.

12 (d) REPORT.—Not later than January 1, 2021, the
13 Secretary shall submit to the Committees on Armed Serv-
14 ices of the House of Representatives and the Senate a re-
15 port containing an evaluation of the success of the pilot
16 program under subsection (a), including an analysis of the
17 implementation of the elements under subsection (b).

18 (e) DEFINITIONS.—In this section, the terms “cov-
19 ered beneficiary”, “TRICARE Prime”, “TRICARE pro-
20 gram”, and “TRICARE Select” have the meaning given
21 those terms in section 1072 of title 10, United States
22 Code.

1 **SEC. 723. RESEARCH OF CHRONIC TRAUMATIC**
2 **ENCEPHALOPATHY.**

3 Of the funds authorized to be appropriated by this
4 Act or otherwise made available for fiscal year 2018 for
5 advanced development for research, development, test, and
6 evaluation for the Defense Health Program, not more than
7 \$25,000,000 may be used to award grants to medical re-
8 searchers and universities to support research into early
9 detection of chronic traumatic encephalopathy.

10 **SEC. 724. SENSE OF CONGRESS ON ELIGIBILITY OF VICTIMS**
11 **OF ACTS OF TERROR FOR EVALUATION AND**
12 **TREATMENT AT MILITARY TREATMENT FA-**
13 **CILITIES.**

14 Section 717 of the National Defense Authorization
15 Act for Fiscal Year 2017 (Public Law 114–328) is amend-
16 ed by striking subsection (d) and inserting the following
17 new subsections:

18 “(d) **SENSE OF CONGRESS.**—It is the sense of Con-
19 gress that the civilians covered by this section include
20 United States victims of domestic and international ter-
21 rorism.

22 “(e) **DEFINITIONS.**—In this section:

23 “(1) The term ‘act of terror’ means an act of
24 domestic terrorism or international terrorism, as
25 those terms are defined in section 2331 of title 18,
26 United States Code.

1 “(2) The term ‘covered beneficiary’ has the
2 meaning given that term in section 1072 of title 10,
3 United States Code.

4 “(3) The term ‘victim’, with respect to an act
5 of terror, means an individual who suffered physical
6 injury as a direct result of the act of terror.”.

7 **SEC. 725. PROHIBITION ON AVAILABILITY OF FUNDS FOR**
8 **TERMINATION OF VETS4WARRIORS CRISIS**
9 **HOTLINE PROGRAM.**

10 None of the funds authorized to be appropriated by
11 this Act or otherwise made available for fiscal year 2018
12 for the Department of Defense may be obligated or ex-
13 pended to terminate the Vets4Warriors crisis hotline pro-
14 gram unless the Secretary of Defense has submitted to
15 the congressional defense committees a report describing
16 a sufficient replacement to such program.

17 **SEC. 726. REPORT ON IMPLEMENTATION OF GAO REC-**
18 **COMMENDATIONS.**

19 Not later than 180 days after the date of the enact-
20 ment of this Act, the Secretary of Defense shall submit
21 a report to the congressional defense committees on the
22 implementation by the Department of Defense of the rec-
23 ommendations from the Government Accountability Office
24 report entitled “Actions Needed to Ensure Post-Trau-
25 matic Stress Disorder and Traumatic Brain Injury Are

1 Considered in Misconduct Separations” and published
2 May 16, 2017.

3 **SEC. 727. AUTHORIZATION OF INTERGOVERNMENTAL**
4 **AGREEMENTS FOR THE PROVISION OF**
5 **HEALTH SCREENINGS.**

6 Section 2679(e)(1) of title 10, United States Code,
7 is amended by adding at the end the following new sen-
8 tence: “Such term includes health screenings for condi-
9 tions relating to the exposure of perfluorooctanesulfonic
10 acid and perfluorooctanoic acid in communities near for-
11 merly used defense sites that have been identified by the
12 Secretary of Defense as sources of such acids.”

13 **SEC. 728. STUDY ON SAFE OPIOID PRESCRIBING PRAC-**
14 **TICES.**

15 (a) **STUDY.**—The Secretary of Defense shall conduct
16 a study on the effectiveness of the training provided to
17 military health care providers regarding opioid prescribing
18 practices, initiatives in opioid safety, the use of the VA/
19 DOD Clinical Practice Guideline for Management of
20 Opioid Therapy for Chronic Pain, and other related train-
21 ing.

22 (b) **ELEMENTS.**—The study under subsection (a)
23 shall address the effectiveness of training with respect to
24 the following:

1 (1) Reducing the total number of prescription
2 opioids dispensed by the Department of Defense to
3 beneficiaries of health care furnished by the Depart-
4 ment.

5 (2) Reducing the average dosage prescribed by
6 a military health care provider to such beneficiaries.

7 (3) Reducing the average number of doses per
8 prescription for treatment of acute pain.

9 (4) Reducing the average duration of opioid
10 therapy for chronic pain.

11 (5) Reducing the number of overdoses due to
12 prescription opioids for patients with acute pain and
13 patients undergoing opioid therapy for chronic pain.

14 (6) Providing counseling and referrals to treat-
15 ment alternatives to opioid analgesics.

16 (7) Providing education on the risks of opioid
17 medications to individuals for whom such medica-
18 tions are prescribed, and to their families, with spe-
19 cial consideration given to raising awareness among
20 adolescents on such risks.

21 (8) Effectiveness in communicating to military
22 health care providers changes in Department policies
23 regarding opioid safety and prescribing practices.

24 (c) BRIEFING.—Not later than one year after the
25 date of the enactment of this Act, the Secretary shall pro-

1 vide to the Committees on Armed Services of the House
2 of Representatives and the Senate a briefing on the results
3 of the study under subsection (a).

4 **SEC. 729. TICK-BORNE DISEASES.**

5 Using funds authorized to be appropriated by this
6 Act or otherwise made available for fiscal year 2018 for
7 the Defense Health program, the Secretary of Defense
8 may authorize grants to medical researchers and univer-
9 sities to support testing ticks for the purpose of improving
10 the detection and diagnosis of tick-borne diseases.

11 **SEC. 730. REPORT.**

12 For each of the fiscal years 2018 through 2021, the
13 Secretary of Defense shall submit to Congress a report
14 on the Department of Defense's—

15 (1) activities and programs with respect to in-
16 fectious disease;

17 (2) priority areas with respect to infectious dis-
18 ease; and

19 (3) current policy and planning documents with
20 respect to infectious disease.

1 **SEC. 731. PROVISION OF SUPPORT BY DEPARTMENT OF DE-**
2 **FENSE TO DEPARTMENT OF VETERANS AF-**
3 **FAIRS REGARDING ELECTRONIC HEALTH**
4 **RECORD SYSTEM.**

5 (a) SUPPORT.—The Secretary of Defense may sup-
6 port the Secretary of Veterans Affairs, to the extent the
7 Secretaries jointly consider feasible and advisable, in the
8 development and implementation of an electronic health
9 record system that—

10 (1) is derivative of the Military Health System
11 Genesis record currently being developed and imple-
12 mented by the Secretary of Defense; and

13 (2) achieves complete interoperability with the
14 Military Health System Genesis.

15 (b) ANNUAL REVIEW.—The Secretary of Defense and
16 the Secretary Veterans Affairs shall jointly conduct an an-
17 nual review of the efforts undertaken by the Secretaries
18 to achieve complete interoperability between the electronic
19 health record of the Department of Veterans Affairs and
20 the Military Health System Genesis.

21 (c) ANNUAL REPORT.—

22 (1) REPORTS.—Not later than 60 days after
23 completing each annual review under subsection (b),
24 the Secretary of Defense and the Secretary of Vet-
25 erans Affairs shall jointly submit to the Committees
26 on Armed Services and the Committees on Veterans'

1 Affairs of the Senate and the House of Representa-
2 tives a report on the review.

3 (2) ELEMENTS.—Each report under paragraph
4 (1) shall include an assessment of the following:

5 (A) Milestones reached as part of the
6 schedule of development and acquisition as de-
7 veloped by the Department of Defense and the
8 Department of Veterans Affairs.

9 (B) Costs associated with development and
10 implementation.

11 (C) Actions, if any, of the Secretary of De-
12 fense in supporting the Secretary of Veterans
13 Affairs pursuant to subsection (a) with respect
14 to the development and implementation of an
15 electronic health record system and in achieving
16 complete interoperability with the Military
17 Health System Genesis.

18 (D) Status of the adoption of the national
19 standards and architectural requirements iden-
20 tified by the Interagency Program Office of the
21 Departments and in collaboration with the Of-
22 fice of the National Coordinator for Health In-
23 formation Technology of the Department of
24 Health and Human Services.

1 (d) **TERMINATION.**—The requirements under sub-
2 section (b) and (c) shall terminate on the date on which
3 the Secretary of Defense and the Secretary of Veterans
4 Affairs jointly certify to the Committees on Armed Serv-
5 ices and the Committees on Veterans’ Affairs of the Sen-
6 ate and the House of Representatives that the electronic
7 health records of both the Department of Defense and the
8 Department of Veterans Affairs are completely interoper-
9 able.

10 (e) **INTEROPERABILITY DEFINED.**—In this section,
11 the term “interoperability” refers to the ability of different
12 electronic health records systems or software to meaning-
13 fully exchange information in real time and provide useful
14 results to one or more systems.

15 **SEC. 732. INCREASED COLLABORATION WITH NIH TO COM-**
16 **BAT TRIPLE NEGATIVE BREAST CANCER.**

17 The Office of Health of the Department of Defense
18 shall work in collaboration with the National Institutes of
19 Health to—

- 20 (1) identify specific genetic and molecular tar-
21 gets and biomarkers for triple negative breast can-
22 cer; and
- 23 (2) provide information useful in biomarker se-
24 lection, drug discovery, and clinical trials design that
25 will enable both—

1 (A) triple negative breast cancer patients
2 to be identified earlier in the progression of
3 their disease; and

4 (B) the development of multiple targeted
5 therapies for the disease.

6 **SEC. 733. ENCOURAGING TRANSITION OF MILITARY MED-**
7 **ICAL PROFESSIONALS INTO EMPLOYMENT**
8 **WITH VETERANS HEALTH ADMINISTRATION.**

9 (a) IN GENERAL.—The Secretary of Defense shall es-
10 tablish a program to encourage an individual who serves
11 in the Armed Forces with a military occupational specialty
12 relating to the provision of health care to seek employment
13 with the Veterans Health Administration when the indi-
14 vidual has been discharged or released from service in the
15 Armed Forces or is contemplating separating from such
16 service.

17 (b) RULE OF CONSTRUCTION.—Nothing in this sec-
18 tion shall be construed to—

19 (1) create any additional authority not other-
20 wise provided in law to convert a former member of
21 the Armed Services to an employee of the Veterans
22 Health Administration; or

23 (2) circumvent any existing requirement relat-
24 ing to a detail, reassignment, or other transfer of

1 such a former member to the Veterans Health Ad-
2 ministration.

3 **TITLE VIII—ACQUISITION POL-**
4 **ICY, ACQUISITION MANAGE-**
5 **MENT, AND RELATED MAT-**
6 **TERS**

7 **Subtitle A—Defense Acquisition**
8 **Streamlining and Transparency**

9 **PART I—ACQUISITION SYSTEM STREAMLINING**

10 **SEC. 801. PROCUREMENT THROUGH ONLINE MARKET-**
11 **PLACES.**

12 (a) ESTABLISHMENT OF PROGRAM.—The Adminis-
13 trator of General Services shall establish a program to
14 procure commercial products through online marketplaces
15 for purposes of expediting procurement and ensuring rea-
16 sonable pricing of commercial products. The Adminis-
17 trator shall carry out the program in accordance with this
18 section, through more than one contract with more than
19 one online marketplace provider, and shall design the pro-
20 gram to enable Government-wide use of such market-
21 places.

22 (b) USE OF PROGRAM BY SECRETARY OF DE-
23 FENSE.—The Secretary of Defense shall purchase, as ap-
24 propriate, commercial products for the Department of De-

1 fense using the program established pursuant to sub-
2 section (a).

3 (c) CRITERIA FOR ONLINE MARKETPLACES.—The
4 Administrator shall ensure that an online marketplace
5 used under the program established pursuant to sub-
6 section (a)—

7 (1) is used widely in the private sector, includ-
8 ing in business-to-business e-commerce;

9 (2) provides dynamic selection, in which sup-
10 pliers and products may be frequently updated, and
11 dynamic pricing, in which product prices may be fre-
12 quently updated;

13 (3) enables offers from multiple suppliers on
14 the same or similar products to be sorted or filtered
15 based on product and shipping price, delivery date,
16 and reviews of suppliers or products;

17 (4) does not feature or prioritize a product of
18 a supplier based on any compensation or fee paid to
19 the online marketplace by the supplier that is exclu-
20 sively for such featuring or prioritization on the on-
21 line marketplace;

22 (5) provides the capability for procurement
23 oversight controls, including spending limits, order
24 approval, and order tracking;

1 (6) provides consolidated invoicing, payment,
2 and customer service functions for all transactions;

3 (7) satisfies requirements for supplier and prod-
4 uct screening in subsection (d); and

5 (8) collects information necessary to fulfill the
6 information requirements in subsection (h).

7 (d) SUPPLIER AND PRODUCT SCREENING.—The Ad-
8 ministrators shall—

9 (1) provide or ensure electronic availability to
10 an online marketplace provider awarded a contract
11 pursuant to subsection (a), no less frequently than
12 the first day of each month—

13 (A) the list of suspended and debarred
14 contractors contained in the System of Award
15 Management maintained by the General Serv-
16 ices Administration, or any successor system;

17 (B) a list of suppliers, by product, that
18 certify compliance with the requirements of sec-
19 tion 2533a or 2533b of title 10, United States
20 Code;

21 (C) a list of suppliers, by product, that
22 comply with the requirements of, or are subject
23 to an exception under, chapter 83 of title 41,
24 United States Code;

1 (D) a list of suppliers, by product, with re-
2 spect to which the President has issued a waiv-
3 er under section 301 of the Trade Agreements
4 Act of 1979 (19 U.S.C. 2511);

5 (E) a list of products, by supplier, that are
6 suitable for the Federal Government to procure
7 pursuant to section 2410n of title 10, United
8 States Code, or section 8503 of title 41, United
9 States Code; and

10 (F) a list of suppliers, by product, that are
11 small business concerns;

12 (2) conduct reviews of suppliers to establish the
13 lists required under paragraph (1);

14 (3) ensure that an online marketplace used
15 under the program established pursuant to sub-
16 section (a) provides the ability to search suppliers
17 and products and identify such suppliers and prod-
18 ucts as authorized or not authorized for purchase
19 during the procurement and order approval process
20 based on the most recent lists provided pursuant to
21 paragraph (1).

22 (e) RELATIONSHIP TO OTHER PROVISIONS OF
23 LAW.—(1) Notwithstanding any other provision of law, a
24 procurement of a product made through an online market-

1 place under the program established pursuant to sub-
2 section (a)—

3 (A) is deemed to satisfy requirements for full
4 and open competition pursuant to section 2304 of
5 title 10, United States Code, and section 3301 of
6 title 41, United States Code, if there are offers from
7 two or more suppliers of such a product or similar
8 product with substantially the same physical, func-
9 tional, or performance characteristics on the online
10 marketplace; and

11 (B) is deemed to be an award of a prime con-
12 tract for purposes of the goals established under sec-
13 tion 15(g) of the Small Business Act (15 U.S.C.
14 644(g)), if the purchase is from a supplier that is
15 a small business concern.

16 (2) Nothing in this subsection shall be construed as
17 limiting the authority of a department or agency to re-
18 strict competition to small business concerns.

19 (f) REQUIREMENT TO USE STANDARD TERMS AND
20 CONDITIONS OF ONLINE MARKETPLACES.—Notwith-
21 standing any other provision of law, a procurement of a
22 product through a commercial online marketplace used
23 under the program established pursuant to subsection (a)
24 shall be made under the standard terms and conditions
25 of the marketplace relating to purchasing on the market-

1 place, and the Administrator shall not require an online
2 marketplace to modify its standard terms and conditions
3 as a condition of receiving a contract pursuant to sub-
4 section (a).

5 (g) PROCEDURES FOR AWARD OF CONTRACT.—Not-
6 withstanding section 2304 of title 10, United States Code,
7 or any other provision of law, the award of a contract to
8 an online marketplace provider pursuant to subsection (a)
9 may be made without the use of full and open competition.

10 (h) ORDER INFORMATION.—

11 (1) IN GENERAL.—The Administrator shall re-
12 quire each online marketplace provider awarded a
13 contract pursuant to subsection (a) to provide to the
14 General Services Administration, not less frequently
15 than the first day of each month, the ability to elec-
16 tronically access the following information with re-
17 spect to each product ordered during the preceding
18 month:

19 (A) The product name and description.

20 (B) The date and time of the order.

21 (C) The product price.

22 (D) The person or entity within the de-
23 partment or agency that purchased the product
24 and, if appropriate, the official who authorized
25 the purchase.

1 (E) The delivery address specified in the
2 order for the product.

3 (F) The number of suppliers that offered
4 the same product or a similar product with sub-
5 stantially the same physical, functional, or per-
6 formance characteristics on the same date and
7 time that the product was ordered.

8 (2) DATA SYSTEM.—The Administrator shall
9 ensure that order information listed in paragraph
10 (1) is entered into the Federal Procurement Data
11 System described in section 1122 of title 41, United
12 States Code.

13 (i) LIMITATION ON INFORMATION DISCLOSURE.—In
14 any contract awarded to an online marketplace provider
15 pursuant to subsection (a), the Administrator shall require
16 that the provider agree not to sell or otherwise make avail-
17 able to any third party any of the information listed in
18 subsection (h)(1) in a manner that identifies the Federal
19 Government, or any of its departments or agencies, as the
20 purchaser, except with written consent of the Adminis-
21 trator.

22 (j) COMPTROLLER GENERAL REVIEW OF SMALL
23 BUSINESS PARTICIPATION.—

24 (1) REPORT REQUIREMENT.—Not later than
25 three years after a contract with an online market-

1 place provider is awarded pursuant to subsection
2 (a), the Comptroller General of the United States
3 shall submit to the committees listed in paragraph
4 (2) a report on small business participation in the
5 program established pursuant to subsection (a). The
6 report shall include—

7 (A) the number of small business concerns
8 that have registered or that have sold goods
9 with at least one online marketplace provider;

10 (B) trends in small business participation;

11 (C) the effect, if any, of the program on
12 the ability of agencies to meet goals established
13 under section 15(g) of the Small Business Act
14 (15 U.S.C. 644(g)); and

15 (D) a discussion of the limitations, if any,
16 to small business participation in the program.

17 (2) COMMITTEES.—The committees listed in
18 this paragraph are the following:

19 (A) The Committees on Armed Services of
20 the Senate and House of Representatives.

21 (B) The Committee on Homeland Security
22 and Governmental Affairs of the Senate and the
23 Committee on Oversight and Government Re-
24 form of the House of Representatives.

1 (C) The Committee on Small Business and
2 Entrepreneurship of the Senate and the Com-
3 mittee on Small Business of the House of Rep-
4 resentatives.

5 (k) DEFINITIONS.—In this section:

6 (1) ONLINE MARKETPLACE PROVIDER.—The
7 term “online marketplace provider” means a com-
8 mercial, non-Government entity providing an online
9 portal for the purchase of commercial products ag-
10 gregated, distributed, sold, or manufactured by such
11 entity. The term does not include an online portal
12 managed by the Government for, or predominantly
13 for use by, Government agencies.

14 (2) COMMERCIAL PRODUCT.—The term “com-
15 mercial product” means a commercially available off-
16 the-shelf item, as defined in section 104 of title 41,
17 United States Code, except the term does not in-
18 clude services.

19 (3) SMALL BUSINESS CONCERN.—The term
20 “small business concern” has the meaning given
21 such term under section 3 of the Small Business Act
22 (15 U.S.C. 632).

1 **SEC. 802. PERFORMANCE OF INCURRED COST AUDITS.**

2 (a) IN GENERAL.—Chapter 137 of title 10, United
3 States Code, is amended by inserting after section 2313a
4 the following new section:

5 **“§ 2313b. Performance of incurred cost audits**

6 “(a) COMPLIANCE WITH STANDARDS OF RISK AND
7 MATERIALITY.—Not later than October 1, 2020, the Sec-
8 retary of Defense shall comply with commercially accepted
9 standards of risk and materiality in the performance of
10 each incurred cost audit of costs associated with a contract
11 of the Department of Defense.

12 “(b) CONDITIONS FOR THE USE OF QUALIFIED PRI-
13 VATE AUDITORS TO PERFORM INCURRED COST AU-
14 DITS.—(1) The Secretary shall use a qualified private
15 auditor to perform a sufficient number of incurred cost
16 audits of contracts of the Department of Defense in order
17 to ensure that—

18 “(A) any backlog of incurred cost audits of the
19 Defense Contract Audit Agency is eliminated by Oc-
20 tober 1, 2020;

21 “(B) incurred cost audits are completed not
22 later than one year after the date of receipt of a
23 qualified incurred cost submission;

24 “(C) sufficient private sector capacity exists to
25 meet the current and future needs of the Depart-

1 ment of Defense for the performance of incurred
2 cost audits;

3 “(D) qualified private auditors are used to per-
4 form a substantial number of incurred cost audits on
5 an ongoing basis to improve the efficiency and effec-
6 tiveness of the performance of incurred cost audits;

7 “(E) the Defense Contract Audit Agency is able
8 to devote ample resources to high priority audits;
9 and

10 “(F) multi-year auditing is conducted only to
11 address outstanding incurred cost audits for which a
12 qualified incurred cost submission was submitted to
13 the Defense Contract Audit Agency more than 12
14 months before the date of the enactment of this sec-
15 tion.

16 “(2)(A) Not later than October 1, 2018, the
17 Secretary of Defense shall submit to the congress-
18 sional defense committees a copy of the acquisition
19 plan required by the Federal Acquisition Regulation
20 for the task order contract to be awarded under sub-
21 paragraph (B). Such plan shall also include—

22 “(i) a description of the incurred cost au-
23 dits that the Secretary determines are appro-
24 priate to be conducted by qualified private audi-

1 tors, including the approximate number and
2 dollar value of such incurred cost audits; and

3 “(ii) an estimate of the number and dollar
4 value of incurred cost audits to be conducted by
5 qualified private auditors for each of the fiscal
6 years 2019 through 2025 necessary to meet the
7 requirements of paragraph (1).

8 “(B) Not later than October 1, 2019, the Sec-
9 retary of Defense or a Federal department or agency
10 authorized by the Secretary shall award an indefinite
11 delivery-indefinite quantity task order contract to
12 two or more qualified private auditors to perform in-
13 curred cost audits of costs associated with contracts
14 of the Department of Defense.

15 “(C) The Defense Contract Management Agen-
16 cy, a contract administration office of a military de-
17 partment, or an authorized entity outside of the De-
18 partment of Defense shall issue a task order to per-
19 form an incurred cost audit to a qualified private
20 auditor under a task order contract awarded under
21 subparagraph (B), if issuing such task order will as-
22 sist the Secretary in meeting the requirements of
23 paragraph (1). Such task order may be issued only
24 to a qualified private auditor that certifies that the

1 qualified private auditor possesses the necessary
2 independence to perform such an audit.

3 “(D) A qualified private auditor performing an
4 incurred cost audit of a contract of the Department
5 of Defense shall develop and maintain complete and
6 accurate working papers on each incurred cost audit.
7 All working papers and reports on the incurred cost
8 audit prepared by such qualified private auditor
9 shall be the property of the Department of Defense,
10 except that the qualified private auditor may retain
11 a complete copy of all working papers to support
12 such reports made pursuant to this section.

13 “(E) The Defense Contract Audit Agency may
14 not conduct further audit or review of an incurred
15 cost audit performed by a qualified private auditor
16 pursuant to this section unless requested to do so as
17 part of conducting contract quality assurance func-
18 tions in accordance with the Federal Acquisition
19 Regulation.

20 “(3)(A) Effective October 1, 2022, the Defense
21 Contract Audit Agency may issue unqualified audit
22 findings for an incurred cost audit only if the De-
23 fense Contract Audit Agency is peer reviewed by a
24 commercial auditor and passes such peer review.
25 This peer review shall be conducted in accordance

1 with the peer review requirements of generally ac-
2 cepted government auditing standards of the Comp-
3 troller General of the United States and shall be
4 deemed to meet the requirements of the Defense
5 Contract Audit Agency for a peer review under such
6 standards.

7 “(B) The peer review referred to in sub-
8 paragraph (A) shall occur not less frequently
9 than once every three years.

10 “(C) Not later than October 1, 2019, the
11 Secretary of Defense shall provide to the Com-
12 mittee on Armed Services of the House of Rep-
13 resentatives an update on the process of secur-
14 ing a commercial auditor to perform the peer
15 review referred to in subparagraph (A).

16 “(4) The Secretary of Defense shall consider
17 the results of an incurred cost audit performed
18 under this section without regard to whether the De-
19 fense Contract Audit Agency or a qualified private
20 auditor performed the audit.

21 “(5) The contracting officer for a contract that
22 is the subject of an incurred cost audit shall have
23 the sole discretion to accept or reject an audit find-
24 ing on direct costs of the contract.

1 “(c) MATERIALITY STANDARDS FOR INCURRED COST
2 AUDITS.—(1) Not later than October 1, 2020, and except
3 as provided in paragraph (2), the minimum materiality
4 standard used by an auditor shall—

5 “(A) for an incurred cost audit of costs in
6 an amount less than or equal to \$100,000, be
7 4 percent of such costs;

8 “(B) for an incurred cost audit of costs in
9 an amount greater than \$100,000 but less than
10 \$500,000, be \$2,000 plus 2 percent of such
11 costs;

12 “(C) for an incurred cost audit of costs in
13 an amount greater than \$500,000 but less than
14 \$1,000,000, be \$5,000 plus 1 percent of such
15 costs;

16 “(D) for an incurred cost audit of costs in
17 an amount greater than \$1,000,000 but less
18 than \$5,000,000, be \$8,000 plus 0.9 percent of
19 such costs;

20 “(E) for an incurred cost audit of costs in
21 an amount greater than \$5,000,000 but less
22 than \$10,000,000, be \$13,000 plus 0.8 percent
23 of such costs;

24 “(F) for an incurred cost audit of costs in
25 an amount greater than \$10,000,000 but less

1 than \$50,000,000, be \$23,000 plus 0.7 percent
2 of such costs;

3 “(G) for an incurred cost audit of costs in
4 an amount greater than \$50,000,000 but less
5 than \$100,000,000, be \$73,000 plus 0.6 per-
6 cent of such costs;

7 “(H) for an incurred cost audit of costs in
8 an amount greater than \$100,000,000 but less
9 than \$500,000,000, be \$153,000 plus 0.52 per-
10 cent of such costs; and

11 “(I) for an incurred cost audit of costs in
12 an amount greater than \$500,000,000, be
13 \$503,000 plus 0.45 percent of such costs.

14 “(2) An auditor that performs an incurred cost
15 audit under this section may use a materiality
16 standard of a lesser amount than the materiality
17 standard described under paragraph (1) with respect
18 to a particular qualified incurred cost submission
19 from a contractor based on an assessment of risk
20 presented by such qualified incurred cost submis-
21 sion. The risk shall be assessed by the auditor in ac-
22 cordance with generally accepted government audit-
23 ing standards and guidance issued by the Secretary
24 of Defense.

1 “(3) Not later than March 1, 2019, the Comp-
2 troller General of the United States shall submit to
3 the congressional defense committees a report on
4 practices for assessing risk and materiality in audit-
5 ing, which shall include—

6 “(A) a summary of commercially accepted
7 standards of risk and materiality and Govern-
8 ment standards for risk and materiality as re-
9 lated to incurred cost audits;

10 “(B) examples of how commercial auditing
11 firms apply such standards in developing meth-
12 odologies for conducting incurred cost audits;
13 and

14 “(C) recommendations, if appropriate, to
15 modify the minimum materiality standards
16 under paragraph (1) to be consistent with com-
17 mercially accepted standards of risk and mate-
18 riality.

19 “(4) Not later than October 1, 2019, and every
20 5 years thereafter, the Secretary of Defense shall
21 submit to the congressional defense committees a re-
22 port on commercially accepted standards of risk and
23 materiality as related to incurred cost audits. The
24 report may contain recommendations to modify the
25 materiality standards under paragraph (1) to be

1 consistent with such commercially accepted stand-
2 ards of risk and materiality.

3 “(d) TIMELINESS OF INCURRED COST AUDITS.—(1)
4 The Secretary of Defense shall ensure that all incurred
5 cost audits performed pursuant to subsection (b) are per-
6 formed in a timely manner.

7 “(2) The Secretary of Defense shall notify a
8 contractor within 60 days after receipt of an in-
9 curred cost submission from the contractor whether
10 the submission is a qualified incurred cost submis-
11 sion.

12 “(3) With respect to qualified incurred cost
13 submissions received on or after the date of the en-
14 actment of this section, audit findings shall be
15 issued for an incurred cost audit not later than one
16 year after the date of receipt of such qualified in-
17 curred cost submission.

18 “(4) If audit findings are not issued within one
19 year after the date of receipt of a qualified incurred
20 cost submission, such qualified incurred cost submis-
21 sion shall be considered accepted in its entirety un-
22 less the Secretary of Defense can demonstrate that
23 the contractor unreasonably withheld information
24 necessary to perform the incurred cost audit.

1 “(f) REVIEW OF AUDIT PERFORMANCE.—Not later
2 than April 1, 2025, the Comptroller General of the United
3 States shall provide a report to the congressional defense
4 committees that evaluates for the period beginning on Oc-
5 tober 1, 2019, and ending on August 31, 2023—

6 “(1) the timeliness, individual cost, and quality
7 of incurred cost audits, set forth separately by in-
8 curred cost audits performed by the Defense Con-
9 tract Audit Agency and by qualified private auditors;

10 “(2) the cost to contractors of the Department
11 of Defense for incurred cost audits, set forth sepa-
12 rately by incurred cost audits performed by the De-
13 fense Contract Audit Agency and by qualified pri-
14 vate auditors;

15 “(3) the effect, if any, on other types of audits
16 conducted by the Defense Contract Audit Agency
17 that results from incurred cost audits conducted by
18 qualified private auditors; and

19 “(4) the capability and capacity of commercial
20 auditors to conduct incurred cost audits for the De-
21 partment of Defense.

22 “(g) DEFINITIONS.—In this section:

23 “(1) The term ‘commercial auditor’ means a
24 private entity engaged in the business of performing
25 audits.

1 “(2) The term ‘flexibly priced contract’
2 means—

3 “(A) a cost-type contract, fixed-price in-
4 centive fee contract, or price-redeterminable
5 contract, or a task order issued under an indefi-
6 nite delivery-indefinite quantity task order con-
7 tract, for which final payment is based on
8 actual costs incurred; or

9 “(B) the materials portion of a time-and-
10 materials contract or labor-hour contract of the
11 Department of Defense.

12 “(3) The term ‘incurred cost audit’ means an
13 audit of charges to the Government by a contractor
14 under a flexibly priced contract.

15 “(4) The term ‘materiality standard’ means a
16 dollar amount of misstatements, including omissions,
17 contained in an incurred cost audit that would be
18 material if the misstatements, individually or in the
19 aggregate, could reasonably be expected to influence
20 the economic decisions of the Government made on
21 the basis of the incurred cost audit.

22 “(5) The term ‘qualified incurred cost submis-
23 sion’ means a submission by a contractor of costs in-
24 curred under a flexibly priced contract that has been

1 qualified by the Department of Defense as sufficient
2 to conduct an incurred cost audit.

3 “(6) The term ‘qualified private auditor’ means
4 a commercial auditor—

5 “(A) that performs audits in accordance
6 with generally accepted government auditing
7 standards of the Comptroller General of the
8 United States; and

9 “(B) that has received a passing peer re-
10 view rating, as defined by generally accepted
11 Government auditing standards.”.

12 (b) CLERICAL AMENDMENT.—The table of sections
13 at the beginning of such chapter is amended by inserting
14 after the item relating to section 2313a the following new
15 item:

“2313b. Performance of incurred cost audits.”.

16 **SEC. 803. MODIFICATIONS TO COST OR PRICING DATA AND**
17 **REPORTING REQUIREMENTS.**

18 (a) MODIFICATIONS TO SUBMISSIONS OF COST OR
19 PRICING DATA.—

20 (1) TITLE 10.—Subsection (a) of section 2306a
21 of title 10, United States Code, is amended—

22 (A) by striking “December 5, 1990” each
23 place it appears and inserting “June 30, 2018”;

24 (B) by striking “December 5, 1991” each
25 place it appears and inserting “July 1, 2018”;

1 (C) by striking “\$100,000” each place it
2 appears and inserting “\$750,000”;

3 (D) in paragraph (1)—

4 (i) in subparagraphs (A)(i), (B)(i),
5 (C)(i), (C)(ii), and (D)(i), by striking
6 “\$500,000” and inserting “\$2,500,000”;
7 and

8 (ii) in subparagraph (B)(ii), by strik-
9 ing “\$500,000” and inserting “\$750,000”;

10 (E) in paragraph (6), by striking “Decem-
11 ber 5, 1990” and inserting “June 30, 2018”;
12 and

13 (F) in paragraph (7), by striking “to the
14 amount” and all that follows through “higher
15 multiple of \$50,000.” and inserting “in accord-
16 ance with section 1908 of title 41.”.

17 (2) TITLE 41.—Section 3502 of title 41, United
18 States Code, is amended—

19 (A) in subsection (a)—

20 (i) by striking “October 13, 1994”
21 each place it appears and inserting “June
22 30, 2018”;

23 (ii) by striking “\$100,000” each place
24 it appears and inserting “\$750,000”;

1 (iii) in paragraphs (1)(A), (2)(A),
2 (3)(A), (3)(B), and (4)(A), by striking
3 “\$500,000” and inserting “\$2,500,000”;
4 and

5 (iv) in paragraph (2)(B), by striking
6 “\$500,000” and inserting “\$750,000”;

7 (B) in subsection (f), by striking “October
8 13, 1994” and inserting “June 30, 2018”; and

9 (C) in subsection (g), by striking “to the
10 amount” and all that follows through “higher
11 multiple of \$50,000.” and inserting “in accord-
12 ance with section 1908.”.

13 (b) MODIFICATION TO AUTHORITY TO REQUIRE SUB-
14 MISSION.—Paragraph (1) of section 2306a(d) of title 10,
15 United States Code, is amended by striking “the con-
16 tracting officer shall require submission of” and all the
17 follows through “to the extent necessary” and inserting
18 “the offeror shall be required to submit to the contracting
19 officer data other than certified cost or pricing data (if
20 requested by the contracting officer), to the extent nec-
21 essary”.

22 (c) COMPTROLLER GENERAL REVIEW OF MODIFICA-
23 TIONS TO COST OR PRICING DATA SUBMISSION REQUIRE-
24 MENTS.—Not later than March 1, 2022, the Comptroller
25 General of the United States shall submit to the congress-

1 sional defense committees a report on the implementation
2 and effect of the amendments made by subsections (a) and
3 (b).

4 (d) REQUIREMENTS FOR DEFENSE CONTRACT
5 AUDIT AGENCY REPORT.—

6 (1) IN GENERAL.—Section 2313a of title 10,
7 United States Code, is amended—

8 (A) in subsection (a)(2)—

9 (i) in subparagraph (A)—

10 (I) by inserting “and dollar
11 value” after “number”; and

12 (II) by inserting “, set forth sep-
13 arately by type of audit” after “pend-
14 ing”;

15 (ii) in subparagraph (C), by inserting
16 “, both from the date of receipt of a quali-
17 fied incurred cost submission and from the
18 date the audit begins” after “audit”;

19 (iii) by amending subparagraph (D) to
20 read as follows:

21 “(D) the sustained questioned costs, set
22 forth separately by type of audit, both as a
23 total value and as a percentage of the total
24 questioned costs for the audit;”;

1 (iv) by striking subparagraph (E);

2 and

3 (v) by inserting after subparagraph

4 (D) the following new subparagraphs:

5 “(E) the total number and dollar value of
6 incurred cost audits completed, and the method
7 by which such incurred cost audits were com-
8 pleted;

9 “(F) the aggregate cost of performing au-
10 dits, set forth separately by type of audit;

11 “(G) the ratio of sustained questioned
12 costs to the aggregate costs of performing au-
13 dits, set forth separately by type of audit; and

14 “(H) the total number and dollar value of
15 audits that are pending for a period longer than
16 one year as of the end of the fiscal year covered
17 by the report, and the fiscal year in which the
18 qualified submission was received, set forth sep-
19 arately by type of audit;” and

20 (B) by adding at the end the following new
21 subsection:

22 “(d) DEFINITIONS.—

23 “(1) The terms ‘incurred cost audit’ and ‘quali-
24 fied incurred cost submission’ have the meaning
25 given those terms in section 2313b of this title.

1 “(2) The term ‘sustained questioned costs’
2 means questioned costs that were recovered by the
3 Federal Government as a result of contract negotia-
4 tions related to such questioned costs.”.

5 (2) EXEMPTION TO REPORT TERMINATION RE-
6 QUIREMENTS.—Section 1080 of the National De-
7 fense Authorization Act for Fiscal Year 2016 (Pub-
8 lic Law 114–92; 129 Stat. 1000; 10 U.S.C. 111
9 note), as amended by section 1061(j) of the National
10 Defense Authorization Act for Fiscal Year 2017
11 (Public Law 114–328), does not apply to the report
12 required to be submitted to Congress under section
13 2313a of title 10, United States Code.

14 (e) ADJUSTMENT TO VALUE OF COVERED CON-
15 TRACTS FOR REQUIREMENTS RELATING TO ALLOWABLE
16 COSTS.—Subparagraph (B) of section 2324(l)(1) of title
17 10, United States Code, is amended by striking “to the
18 equivalent” and all that follows through “higher multiple
19 of \$50,000.” and inserting “in accordance with section
20 1908 of title 41.”.

1 **PART II—EARLY INVESTMENTS IN ACQUISITION**

2 **PROGRAMS**

3 **SEC. 811. REQUIREMENT TO EMPHASIZE RELIABILITY AND**

4 **MAINTAINABILITY IN WEAPON SYSTEM DE-**

5 **SIGN.**

6 (a) SUSTAINMENT FACTORS IN WEAPON SYSTEM

7 DESIGN.—

8 (1) IN GENERAL.—Chapter 144 of title 10,

9 United States Code, is amended by adding at the

10 end the following new section:

11 **“§ 2442. Sustainment factors in weapon system design**

12 “(a) IN GENERAL.—The Secretary of Defense shall

13 ensure that the defense acquisition system gives ample em-

14 phasis to sustainment factors, particularly those factors

15 that are affected principally by the design of a weapon

16 system, in the development of a weapon system.

17 “(b) REQUIREMENTS PROCESS.—The Secretary shall

18 ensure that reliability and maintainability are included in

19 the performance attributes of the key performance param-

20 eter on sustainment during the development of capabilities

21 requirements.

22 “(c) SOLICITATION AND AWARD OF CONTRACTS.—

23 “(1) REQUIREMENT.—The program manager of

24 a weapon system shall include in the solicitation for

25 and terms of a covered contract for the weapon sys-

26 tem clearly defined and measurable requirements for

1 engineering activities and design specifications for
2 reliability and maintainability.

3 “(2) EXCEPTION.—If the program manager de-
4 termines that engineering activities and design speci-
5 fications for reliability or maintainability should not
6 be a requirement in a covered contract, the program
7 manager shall document in writing the justification
8 for the decision.

9 “(3) SOURCE SELECTION CRITERIA.—The Sec-
10 retary shall ensure that sustainment factors, includ-
11 ing reliability and maintainability, are given ample
12 emphasis in the process for source selection. The
13 Secretary shall encourage the use of objective reli-
14 ability and maintainability criteria in the evaluation
15 of competitive proposals.

16 “(d) CONTRACT PERFORMANCE.—

17 “(1) IN GENERAL.—The Secretary shall ensure
18 that the Department of Defense uses best practices
19 for responding to the positive or negative perform-
20 ance of a contractor in meeting the sustainment re-
21 quirements of a covered contract for a weapon sys-
22 tem. The Secretary shall encourage the use of incen-
23 tive fees authorized in paragraph (2) in all covered
24 contracts for weapons systems. The Secretary shall
25 take the necessary actions to enable program offices

1 to execute the recovery options required for each
2 covered contract under paragraph (3).

3 “(2) AUTHORITY FOR INCENTIVE FEES.—The
4 Secretary of Defense is authorized to pay an incen-
5 tive fee to a contractor that exceeds the design speci-
6 fication requirements for reliability or maintain-
7 ability for a covered contract. In exercising the au-
8 thority provided in this paragraph, the Secretary
9 may provide in the terms of the contract for the
10 payment of an incentive fee to a contractor not later
11 than the date of acceptance of the last item under
12 the contract.

13 “(3) RECOVERY OPTIONS.—(A) Any covered
14 contract for a weapon system shall include terms for
15 amounts to be paid by the contractor to the Govern-
16 ment for failure to meet the design specification re-
17 quirements for reliability and maintainability of the
18 contract by the date of acceptance of the last item
19 under the contract. Terms for such amounts shall be
20 included in the solicitation for the contract. Such
21 terms shall include provisions providing that—

22 “(i) the contractor, at no or minimal cost
23 to the Government as determined by the Sec-
24 retary and included in the contract, identifies
25 the cause of the failure in the system design,

1 develops an engineering change, and, in the
2 case of a production contract, modifies all end
3 items to be delivered or already delivered under
4 the contract; or

5 “(ii) the contractor provides the Govern-
6 ment—

7 “(I) a refund in the amount required
8 to identify the cause of the failure in the
9 system design, develop an engineering
10 change, and modify all end items delivered
11 under the contract; and

12 “(II) associated technical data re-
13 quired to make the necessary modifica-
14 tions.

15 “(B) The Secretary may waive the requirement
16 in subparagraph (A) with respect to a covered con-
17 tract if the Secretary determines that such require-
18 ment is not in the national security interests of the
19 United States.

20 “(4) MEASUREMENT OF RELIABILITY AND
21 MAINTAINABILITY.—In carrying out paragraphs (2)
22 and (3), the program manager shall base determina-
23 tions of a contractor’s performance on reliability and
24 maintainability data collected during developmental
25 testing and operational testing.

1 “(e) COVERED CONTRACT DEFINED.—In this sec-
2 tion, the term ‘covered contract’, with respect to a weapon
3 system, means a contract—

4 “(1) for the engineering and manufacturing de-
5 velopment of a weapon system; or

6 “(2) for the production of a weapon system.”.

7 (2) CLERICAL AMENDMENT.—The table of sec-
8 tions at the beginning of subchapter I of such chap-
9 ter is amended by adding at the end the following
10 new item:

“2442. Sustainment factors in weapon system design.”.

11 (b) EFFECTIVE DATE FOR CERTAIN PROVISIONS.—
12 Subsections (c) and (d) of section 2442 of title 10, United
13 States Code, as added by subsection (a), shall apply with
14 respect to any covered contract (as defined in that section)
15 for which the contract solicitation is issued on or after
16 the date occurring one year after the date of the enact-
17 ment of this Act.

18 (c) INVESTMENT PROGRAM AUTHORIZED.—

19 (1) IN GENERAL.—The Secretary of Defense
20 shall establish an investment program for funding
21 engineering changes to the design of a weapon sys-
22 tem in the engineering and manufacturing develop-
23 ment phase or in the production phase of an acquisi-
24 tion program to improve reliability or maintain-
25 ability of the weapon system and reduce projected

1 operating and support costs. The program may be
2 funded from the Defense Modernization Account au-
3 thorized in section 2216 of title 10, United States
4 Code. A program manager may apply for available
5 funds by presenting a business case analysis of the
6 anticipated return on investment of such funds.

7 (2) BRIEFING REQUIRED.—Not later than 180
8 days after the date of the enactment of this Act, the
9 Secretary of Defense, in consultation with the Secre-
10 taries of the military departments, shall provide a
11 briefing to the Committees on Armed Services in the
12 Senate and the House of Representatives on an im-
13 plementation plan for the program authorized under
14 paragraph (1). The implementation plan shall set
15 forth the process by which program managers apply
16 for available funds, including information on the val-
17 idation of business case analyses and the evaluation
18 of applications. The briefing shall also include the
19 results of a review of past or existing programs to
20 improve reliability and maintainability and reduce
21 operating and support costs of weapon systems, an
22 assessment of best practices and lessons learned
23 from these programs, and an assessment of the op-
24 portunities for consolidation of existing similar pro-
25 grams.

1 **SEC. 812. LICENSING OF APPROPRIATE INTELLECTUAL**
2 **PROPERTY TO SUPPORT MAJOR WEAPON**
3 **SYSTEMS.**

4 (a) NEGOTIATION OF PRICE FOR TECHNICAL DATA
5 BEFORE DEVELOPMENT OR PRODUCTION OF MAJOR
6 WEAPON SYSTEM.—

7 (1) REQUIREMENT.—Chapter 144 of title 10,
8 United States Code, is amended by inserting after
9 section 2438 the following new section:

10 **“§ 2439. Negotiation of price for technical data before**
11 **development or production of major**
12 **weapon systems**

13 “The Secretary of Defense shall ensure that the De-
14 partment of Defense, before selecting a contractor for the
15 engineering and manufacturing development of a major
16 weapon system, or for the production of a major weapon
17 system, negotiates a price for technical data to be deliv-
18 ered under a contract for such development or produc-
19 tion.”.

20 (2) CLERICAL AMENDMENT.—The table of sec-
21 tions at the beginning of such chapter is amended
22 by inserting after the item relating to section 2438
23 the following new item:

“2439. Negotiation of price for technical data before development or production
of major weapon systems.”.

1 (3) EFFECTIVE DATE.—Section 2439 of title
2 10, United States Code, as added by paragraph (1),
3 shall apply with respect to any contract for engineer-
4 ing and manufacturing development of a major
5 weapon system, or for the production of a major
6 weapon system, for which the contract solicitation is
7 issued on or after the date occurring one year after
8 the date of the enactment of this Act.

9 (b) WRITTEN DETERMINATION FOR MILESTONE B
10 APPROVAL.—

11 (1) IN GENERAL.—Subsection (a)(3) of section
12 2366b of title 10, United States Code, is amended—

13 (A) by striking “and” at the end of sub-
14 paragraph (M); and

15 (B) by inserting after subparagraph (N)
16 the following new subparagraph:

17 “(O) appropriate actions have been taken
18 to negotiate and enter into a contract or con-
19 tract options for the technical data required to
20 support the program; and”.

21 (2) EFFECTIVE DATE.—Section 2366b(a)(3)(O)
22 of title 10, United States Code, as added by para-
23 graph (1), shall apply with respect to any major de-
24 fense acquisition program receiving Milestone B ap-

1 proval on or after the date occurring one year after
2 the date of the enactment of this Act.

3 (c) PREFERENCE FOR NEGOTIATION OF CUS-
4 TOMIZED LICENSE AGREEMENTS.—Section 2320 of title
5 10, United States Code, is amended—

6 (1) by redesignating subsections (f) and (g) as
7 subsection (g) and (h), respectively; and

8 (2) by inserting after subsection (e) the fol-
9 lowing new subsection (f):

10 “(f) PREFERENCE FOR SPECIALLY NEGOTIATED LI-
11 CENSES.—The Secretary of Defense shall, to the max-
12 imum extent practicable, negotiate and enter into a con-
13 tract with a contractor for a specially negotiated license
14 for technical data to support the product support strategy
15 of a major weapon system or subsystem of a major weapon
16 system. In performing the assessment and developing the
17 corresponding strategy required under subsection (e) for
18 such a system or subsystem, a program manager shall
19 consider the use of specially negotiated licenses to acquire
20 customized technical data appropriate for the particular
21 elements of the product support strategy.”.

22 **SEC. 813. MANAGEMENT OF INTELLECTUAL PROPERTY**
23 **MATTERS WITHIN THE DEPARTMENT OF DE-**
24 **FENSE.**

25 (a) MANAGEMENT OF INTELLECTUAL PROPERTY.—

1 (1) IN GENERAL.—Chapter 137 of title 10,
2 United States Code, is amended by inserting after
3 section 2321 the following new section:

4 **“§ 2322. Management of intellectual property matters**
5 **within the Department of Defense**

6 “(a) OFFICE AND DIRECTOR OF INTELLECTUAL
7 PROPERTY.—(1) There is an Office of Intellectual Prop-
8 erty within the Office of the Under Secretary of Defense
9 for Acquisition and Sustainment.

10 “(2) The Office shall be headed by a Director of In-
11 tellectual Property, who shall have the qualifications de-
12 scribed in paragraph (3). The Director is responsible in
13 the Department of Defense to the Under Secretary of De-
14 fense for Acquisition and Sustainment for policy and over-
15 sight of the acquisition and licensing of intellectual prop-
16 erty within the Department of Defense. The Director shall
17 report directly to the Under Secretary.

18 “(3) In order to qualify to be assigned to the position
19 of Director, an individual shall—

20 “(A) have management expertise in, and profes-
21 sional experience with, intellectual property matters,
22 including an understanding of intellectual property
23 law, regulations, and policies, especially with respect
24 to regulations and policies of the Federal Govern-
25 ment and the Department of Defense for acquiring

1 or licensing intellectual property, and best practices
2 for negotiating and executing business arrangements
3 with industry for the acquisition or licensing of intel-
4 lectual property;

5 “(B) have an understanding of Department of
6 Defense weapon system acquisition; and

7 “(C) have an understanding of the commercial
8 marketplace; commercial industry operations, includ-
9 ing supply chain operations; business strategies; and
10 private investment in research and development.

11 “(4) The Secretary of Defense shall designate the po-
12 sition of Director as a critical acquisition position under
13 section 1733(b)(1)(C) of this title.

14 “(b) DUTIES.—(1) The Director of Intellectual Prop-
15 erty (in this section referred to as the ‘Director’) shall
16 oversee and coordinate efforts throughout the Department
17 of Defense to acquire or license intellectual property with-
18 in the Department of Defense. The duties under this para-
19 graph shall include the duties specified in paragraphs (2)
20 through (8).

21 “(2) The Director shall develop and recommend any
22 policy guidance on the acquisition or licensing of intellec-
23 tual property to be issued by the Secretary of Defense.

1 “(3) The Director shall provide oversight and coordi-
2 nation of the efforts within the Department of Defense
3 to acquire or license intellectual property—

4 “(A) to ensure that program managers are
5 aware of the rights afforded the Federal Government
6 and contractors in intellectual property and that
7 program managers fully consider and use all avail-
8 able techniques and best practices for acquiring or
9 licensing intellectual property early in the acquisition
10 process;

11 “(B) to enable consistency across the military
12 departments and the Department of Defense in
13 strategies for obtaining intellectual property and
14 communicating with industry; and

15 “(C) to raise awareness within the acquisition,
16 science and technology, and logistics communities
17 within the Department of intellectual property
18 issues.

19 “(4) The Director shall assist program managers in
20 developing customized intellectual property strategies for
21 each weapon system based on, at a minimum, the unique
22 characteristics of the weapon system and its components,
23 the product support strategy for the weapon system, the
24 organic industrial base strategy of the military department
25 concerned, and the commercial market.

1 “(5) The Director shall develop guidelines and re-
2 sources on intellectual property matters and make them
3 available to the acquisition workforce. Such guidelines and
4 resources shall include templates for specially negotiated
5 licenses (as appropriate) and a collection of definitions,
6 key terms, examples, and case studies that demonstrate
7 and resolve ambiguities in the differences between—

8 “(A) detailed manufacturing and process data;

9 “(B) form, fit, and function data; and

10 “(C) data required for operations, maintenance,
11 installation, and training.

12 “(6) The Director shall establish, maintain, super-
13 vise, and assign to program offices the cadre of intellectual
14 property experts established under subsection (c).

15 “(7) The Director, in coordination with the Defense
16 Acquisition University and in consultation with industry,
17 shall—

18 “(A) develop a career path, including develop-
19 ment opportunities, talent management programs,
20 and training, for the cadre of intellectual property
21 experts established under subsection (c); and

22 “(B) develop, update, and coordinate intellec-
23 tual property training provided to the acquisition
24 workforce.

1 “(8) The Director shall foster communications with
2 industry and serve as a central point of contact within
3 the Department of Defense for communications with con-
4 tractors on intellectual property matters. The Director
5 may interact directly with industry, trade associations,
6 other Government agencies, academic research and edu-
7 cational institutions, and scientific organizations engaged
8 in intellectual property matters. As part of such commu-
9 nications, the Director shall regularly engage with appro-
10 priately representative entities, including large and small
11 businesses, traditional and non-traditional Government
12 contractors, prime contractors and subcontractors, and
13 maintenance repair organizations.

14 “(c) CADRE OF INTELLECTUAL PROPERTY EX-
15 PERTS.—(1) The Director shall establish within the Office
16 of Intellectual Property a cadre of personnel who are ex-
17 perts in intellectual property matters. The purpose of the
18 cadre is to ensure a consistent, strategic, and highly
19 knowledgeable approach to acquiring or licensing intellec-
20 tual property by providing expert advice, assistance, and
21 resources to the acquisition workforce on intellectual prop-
22 erty matters, including acquiring or licensing intellectual
23 property.

24 “(2) The cadre of experts shall be assigned to a weap-
25 ons system program office or an acquisition command

1 within a military department to advise, assist, and provide
2 resources to a program manager or program executive of-
3 ficer on intellectual property matters at various stages of
4 the life cycle of a weapon system. In performing such du-
5 ties, the experts shall—

6 “(A) interpret and provide counsel on laws, reg-
7 ulations, and policies relating to intellectual prop-
8 erty;

9 “(B) advise and assist in the development of an
10 acquisition strategy, product support strategy, and
11 intellectual property strategy for a weapon system;

12 “(C) conduct or assist with financial analysis
13 and valuation of intellectual property;

14 “(D) assist in the drafting of a contract solici-
15 tation or contract;

16 “(E) interact with or assist in interactions with
17 contractors, including communications and negotia-
18 tions with contractors on contract solicitations and
19 contract awards; and

20 “(F) conduct or assist with mediation if tech-
21 nical data delivered pursuant to a contract is incom-
22 plete or does not comply with the terms of the con-
23 tract.

24 “(3)(A) In order to achieve the purpose set forth in
25 paragraph (1), the Director shall ensure the cadre has the

1 appropriate number of staff and such staff possesses the
2 necessary skills, knowledge, and experience to carry out
3 the duties under paragraph (2), including in relevant
4 areas of law, contracting, acquisition, logistics, engineer-
5 ing, financial analysis, and valuation. The Director may
6 use existing authorities to staff the cadre, including those
7 in subparagraphs (B), (C), (D), and (F).

8 “(B) Civilian personnel from within the Office of the
9 Secretary of Defense, Joint Staff, military departments,
10 Defense Agencies, and combatant commands may be as-
11 signed to serve as members of the cadre, upon request of
12 the Director.

13 “(C) The Director may use the authorities for highly
14 qualified experts under section 9903 of title 5, to hire ex-
15 perts as members of the cadre who are skilled profes-
16 sionals in intellectual property and related matters.

17 “(D) The Director may enter into a contract with a
18 private-sector entity for specialized expertise to support
19 the cadre. Such entity may be considered a covered Gov-
20 ernment support contractor, as defined in section 2320 of
21 this title.

22 “(E) In establishing the cadre, the Director shall give
23 preference to civilian employees of the Department of De-
24 fense, rather than members of the armed forces, to main-
25 tain continuity in the cadre.

1 “(F) The Director is authorized to use funding from
2 the Defense Acquisition Workforce Development Fund for
3 the purpose of recruitment, training, and retention of the
4 cadre, including paying salaries of newly hired members
5 of the cadre for up to three years.

6 “(G) Members of the cadre shall report to the Direc-
7 tor.”.

8 (2) CLERICAL AMENDMENT.—The table of sec-
9 tions at the beginning of such chapter is amended
10 by adding at the end the following new item:

“2322. Management of intellectual property matters within the Department of
Defense.”.

11 (b) PLACEMENT IN THE OFFICE OF THE SECRETARY
12 OF DEFENSE.—Subsection 131(b)(8) of title 10, United
13 States Code, is amended by adding at the end the fol-
14 lowing new subparagraph:

15 “(J) The Director of the Office of Intellec-
16 tual Property assigned pursuant to section
17 2322(a) of this title.”.

18 (c) ADDITIONAL ACQUISITION POSITION.—Sub-
19 section 1721(b) of title 10, United States Code, is amend-
20 ed by adding at the end the following new paragraph:

21 “(12) Intellectual property.”.

22 (d) REVIEW OF ACQUISITION WORKFORCE TRAIN-
23 ING.—Not later than one year after the date of the enact-
24 ment of this Act, the Secretary of Defense shall revise the

1 education and training programs provided to the acquisi-
2 tion workforce under chapter 87 of title 10, United States
3 Code—

4 (1) to ensure the acquisition workforce main-
5 tains a basic familiarity with the fundamental as-
6 pects of the acquisition and licensing of intellectual
7 property; and

8 (2) to establish and maintain advanced exper-
9 tise in the acquisition and licensing of intellectual
10 property to staff the cadre of intellectual property
11 experts required under section 2322 of title 10,
12 United States Code, as added by subsection (a).

13 **SEC. 814. IMPROVEMENT OF PLANNING FOR ACQUISITION**
14 **OF SERVICES.**

15 (a) IN GENERAL.—

16 (1) IMPROVEMENT OF PLANNING FOR ACQUI-
17 TION OF SERVICES.—Chapter 137 of title 10, United
18 States Code, is amended by inserting after section
19 2328 the following new section:

20 **“§ 2329. Procurement of services: data analysis and**
21 **requirements validation**

22 “(a) IN GENERAL.—The Secretary of Defense shall
23 ensure that—

24 “(1) appropriate and sufficiently detailed data
25 are collected and analyzed to support the validation

1 of requirements for services contracts and inform
2 the planning, programming, budgeting, and execu-
3 tion process of the Department of Defense;

4 “(2) requirements for services contracts are
5 evaluated appropriately and in a timely manner to
6 inform decisions regarding the procurement of serv-
7 ices; and

8 “(3) decisions regarding the procurement of
9 services consider available resources and total force
10 management policies and procedures.

11 “(b) SPECIFICATION OF AMOUNTS REQUESTED IN
12 BUDGET.—Effective October 1, 2022, the Secretary of
13 Defense shall annually submit to Congress information on
14 services contracts that clearly and separately identifies the
15 amount requested for each category of services to be pro-
16 cured for each Defense Agency, Department of Defense
17 Field Activity, command, or military installation. Such in-
18 formation shall—

19 “(1) be submitted at or about the time of the
20 budget submission by the President under section
21 1105(a) of title 31;

22 “(2) cover the fiscal year covered by such budg-
23 et submission by the President;

24 “(3) be consistent with total amounts of esti-
25 mated expenditures and proposed appropriations

1 necessary to support the programs, projects, and ac-
2 tivities of the Department of Defense included in
3 such budget submission by the President for that
4 fiscal year; and

5 “(4) be organized using a common enterprise
6 data structure developed under section 2222 of this
7 title.

8 “(c) DATA ANALYSIS.—(1) Each Secretary of a mili-
9 tary department shall regularly analyze past spending pat-
10 terns and anticipated future requirements with respect to
11 the procurement of services within such military depart-
12 ment.

13 “(2)(A) The Secretary of Defense shall regularly ana-
14 lyze past spending patterns and anticipated future re-
15 quirements with respect to the procurement of services—

16 “(i) within each Defense Agency and Depart-
17 ment of Defense Field Activity; and

18 “(ii) across military departments, Defense
19 Agencies, and Department of Defense Field Activi-
20 ties.

21 “(B) The Secretaries of the military departments
22 shall make data on services contracts available to the Sec-
23 retary of Defense for purposes of conducting the analysis
24 required under subparagraph (A).

1 “(3) The analyses conducted under this subsection
2 shall—

3 “(A) identify contracts for similar services that
4 are procured for three or more consecutive years at
5 each Defense Agency, Department of Defense Field
6 Activity, command, or military installation;

7 “(B) evaluate patterns in the procurement of
8 services, to the extent practicable, at each Defense
9 Agency, Department of Defense Field Activity, com-
10 mand, or military installation and by category of
11 services procured;

12 “(C) be used to validate requirements for serv-
13 ices contracts entered into after the date of the en-
14 actment of this subsection; and

15 “(D) be used to inform decisions on the award
16 of and funding for such services contracts.

17 “(d) REQUIREMENTS EVALUATION.—Each Services
18 Requirements Review Board shall evaluate each require-
19 ment for a services contract, taking into consideration
20 total force management policies and procedures, available
21 resources, the analyses conducted under subsection (c),
22 and contracting efficacy and efficiency. An evaluation of
23 a services contract for compliance with contracting policies
24 and procedures may not be considered to be an evaluation
25 of a requirement for such services contract.

1 “(e) **TIMELY PLANNING TO AVOID BRIDGE CON-**
2 **TRACTS.**—(1) Effective October 1, 2018, the Secretary of
3 Defense shall ensure that a requirements owner shall, to
4 the extent practicable, plan appropriately before the date
5 of need of a service at a Defense Agency, Department of
6 Defense Field Activity, command, or military installation
7 to avoid the use of a bridge contract to provide for con-
8 tinuation of a service to be performed through a services
9 contract. Such planning shall include allowing time for a
10 requirement to be validated, a services contract to be en-
11 tered into, and funding for the services contract to be se-
12 cured.

13 “(2)(A) Upon the first use, due to inadequate plan-
14 ning (as determined by the Secretary of Defense), of a
15 bridge contract to provide for continuation of a service to
16 be performed through a services contract, the require-
17 ments owner, along with the contracting officer or a des-
18 ignee of the contracting officer for the contract, shall—

19 “(i) for a services contract in an amount less
20 than \$10,000,000, provide an update on the status
21 of the bridge contract (including the rationale for
22 using the bridge contract) to the commander or the
23 senior civilian official of the Defense Agency con-
24 cerned, Department of Defense Field Activity con-

1 cerned, command concerned, or military installation
2 concerned, as applicable; or

3 “(ii) for a services contract in an amount equal
4 to or greater than \$10,000,000, provide an update
5 on the status of the bridge contract (including the
6 rationale for using the bridge contract) to the service
7 acquisition executive for the military department
8 concerned, the head of the Defense Agency con-
9 cerned, the combatant commander concerned, or the
10 Under Secretary of Defense for Acquisition and
11 Sustainment, as applicable.

12 “(B) Upon the second use, due to inadequate plan-
13 ning (as determined by the Secretary of Defense), of a
14 bridge contract to provide for continuation of a service to
15 be performed through a services contract in an amount
16 less than \$10,000,000, the commander or senior civilian
17 official referred to in subparagraph (A)(i) shall provide no-
18 tification of such second use to the Vice Chief of Staff
19 of the armed force concerned and the service acquisition
20 executive of the military department concerned, the head
21 of the Defense Agency concerned, the combatant com-
22 mander concerned, or the Under Secretary of Defense for
23 Acquisition and Sustainment, as applicable.

1 “(f) EXCEPTION.—Except with respect to the anal-
2 yses required under subsection (c), this section shall not
3 apply to—

4 “(1) services contracts in support of contin-
5 gency operations, humanitarian assistance, disaster
6 relief, or national security emergencies; or

7 “(2) services contracts entered into pursuant to
8 an international agreement.

9 “(g) DEFINITIONS.—In this section:

10 “(1) The term ‘bridge contact’ means—

11 “(A) an extension to an existing contract
12 beyond the period of performance to avoid a
13 lapse in service caused by a delay in awarding
14 a subsequent contract; or

15 “(B) a new short-term contract awarded
16 on a sole-source basis to avoid a lapse in service
17 caused by a delay in awarding a subsequent
18 contract.

19 “(2) The term ‘requirements owner’ means a
20 member of the armed forces (other than the Coast
21 Guard) or a civilian employee of the Department of
22 Defense responsible for a requirement for a service
23 to be performed through a services contract.

24 “(3) The term ‘Services Requirements Review
25 Board’ has the meaning given in Department of De-

1 fense Instruction 5000.74, titled ‘Defense Acquisi-
2 tion of Services’ and dated January 5, 2016, or a
3 successor instruction.”

4 (2) CLERICAL AMENDMENT.—The table of sec-
5 tions at the beginning of such chapter is amended
6 by inserting after the item relating to section 2328
7 the following new item:

“2329. Procurement of services: data analysis and requirements validation.”.

8 **SEC. 815. IMPROVEMENTS TO TEST AND EVALUATION**
9 **PROCESSES AND TOOLS.**

10 (a) DEVELOPMENTAL TEST PLAN SUFFICIENCY AS-
11 SESSMENTS.—

12 (1) ADDITION TO MILESTONE B BRIEF SUM-
13 MARY REPORT.—Section 2366b(c)(1) of title 10,
14 United States Code, is amended—

15 (A) by redesignating subparagraph (G) as
16 subparagraph (H); and

17 (B) by inserting after subparagraph (F)
18 the following new subparagraph (G):

19 “(G) An assessment of the sufficiency of
20 developmental test and evaluation plans, includ-
21 ing the use of automated data analytics or mod-
22 eling and simulation tools.”.

23 (2) ADDITION TO MILESTONE C BRIEF SUM-
24 MARY REPORT.—Section 2366c(a) of such title is

1 amended by inserting after paragraph (3) the fol-
2 lowing new paragraph:

3 “(4) An assessment of the sufficiency of the de-
4 velopmental test and evaluation completed, including
5 the use of automated data analytics or modeling and
6 simulation tools.”.

7 (3) RESPONSIBILITY FOR CONDUCTING ASSESS-
8 MENTS.—For purposes of the sufficiency assess-
9 ments required by section 2366b(c)(1) and section
10 2366c(a)(4) of such title, as added by paragraphs
11 (1) and (2), with respect to a major defense acquisi-
12 tion program—

13 (A) if the milestone decision authority for
14 the program is the service acquisition executive
15 of the military department that is managing the
16 program, the sufficiency assessment shall be
17 conducted by the senior official within the mili-
18 tary department with responsibility for develop-
19 mental testing; and

20 (B) if the milestone decision authority for
21 the program is the Under Secretary of Defense
22 for Acquisition and Sustainment, the sufficiency
23 assessment shall be conducted by the senior De-
24 partment of Defense official with responsibility
25 for developmental testing.

1 (4) GUIDANCE REQUIRED.—Within one year
2 after the date of the enactment of this Act, the sen-
3 ior Department of Defense official with responsi-
4 bility for developmental testing shall develop guid-
5 ance for the sufficiency assessments required by sec-
6 tion 2366b(c)(1) and section 2366c(a)(4) of title 10,
7 United States Code, as added by paragraphs (1) and
8 (2). At a minimum, the guidance shall require—

9 (A) for the sufficiency assessment required
10 by section 2366b(c)(1) of such title, that the as-
11 sessment address the sufficiency of—

12 (i) the developmental test and evalua-
13 tion plan;

14 (ii) the developmental test and evalua-
15 tion schedule, including a comparison to
16 historic analogous systems;

17 (iii) the developmental test and eval-
18 uation resources (facilities, personnel, test
19 assets, data analytics tools, and modeling
20 and simulation capabilities);

21 (iv) the risks of developmental test
22 and production concurrency; and

23 (v) the developmental test criteria for
24 entering the production phase; and

1 (B) for the sufficiency assessment required
2 by section 2366c(a)(4) of such title, that the as-
3 sessment address—

4 (i) the sufficiency of the develop-
5 mental test and evaluation completed;

6 (ii) the sufficiency of the plans and
7 resources available for remaining develop-
8 mental test and evaluation;

9 (iii) the risks identified during devel-
10 opmental testing to the production and de-
11 ployment phase;

12 (iv) the sufficiency of the plans and
13 resources for remaining developmental test
14 and evaluation; and

15 (v) the readiness of the system to per-
16 form scheduled initial operational test and
17 evaluation.

18 (b) EVALUATION OF DEPARTMENT OF DEFENSE
19 NEED FOR CENTRALIZED TOOLS FOR DEVELOPMENTAL
20 TEST AND EVALUATION.—

21 (1) IN GENERAL.—The Secretary of Defense
22 shall evaluate the strategy of the Department of De-
23 fense for developing and expanding the use of tools
24 designed to facilitate the cost effectiveness and effi-
25 ciency of developmental testing, including automated

1 test methods and tools, modeling and simulation
2 tools, and big data analytics technologies. The eval-
3 uation shall include a determination of the appro-
4 priate role of the senior Department of Defense offi-
5 cial with responsibility for developmental testing in
6 developing enterprise level strategies related to such
7 types of testing tools.

8 (2) BRIEFING REQUIRED.—Not later than one
9 year after the date of the enactment of this Act, the
10 Secretary shall provide a briefing to the Committee
11 on Armed Services of the House of Representatives
12 on the results of the evaluation required by para-
13 graph (1).

14 **PART III—ACQUISITION WORKFORCE**

15 **IMPROVEMENTS**

16 **SEC. 821. ENHANCEMENTS TO THE CIVILIAN PROGRAM** 17 **MANAGEMENT WORKFORCE.**

18 (a) ESTABLISHMENT OF PROGRAM MANAGER DE-
19 VELOPMENT PROGRAM.—

20 (1) IN GENERAL.—The Secretary of Defense, in
21 consultation with the Secretaries of the military de-
22 partments, shall implement a program manager de-
23 velopment program to provide for the professional
24 development of high-potential, experienced civilian
25 personnel. Personnel shall be competitively selected

1 for the program based on their potential to become
2 a program manager of a major defense acquisition
3 program, as defined in section 2430 of title 10,
4 United States Code. The program shall be adminis-
5 tered and overseen by the Secretary of each military
6 department, acting through the service acquisition
7 executive for the department concerned.

8 (2) PLAN REQUIRED.—Not later than one year
9 after the date of the enactment of this Act, the Sec-
10 retary of Defense shall provide to the Committees on
11 Armed Services of the Senate and the House of Rep-
12 resentatives a comprehensive plan to implement the
13 program established under paragraph (1). In devel-
14 oping the plan, the Secretary of Defense shall seek
15 the input of relevant external parties, including pro-
16 fessional associations, other government entities, and
17 industry. The plan shall include the following ele-
18 ments:

19 (A) An assessment of the minimum level of
20 subject matter experience, education, years of
21 experience, certifications, and other qualifica-
22 tions required to be selected into the program,
23 set forth separately for current Department of
24 Defense employees and for personnel hired into

1 the program from outside the Department of
2 Defense.

3 (B) A description of hiring flexibilities to
4 be used to recruit qualified personnel from out-
5 side the Department of Defense.

6 (C) A description of the extent to which
7 mobility agreements will be required to be
8 signed by personnel selected for the program
9 during their participation in the program and
10 after their completion of the program. The use
11 of mobility agreements shall be applied to help
12 maximize the flexibility of the Department of
13 Defense in assigning personnel, while not inhib-
14 iting the participation of the most capable can-
15 didates.

16 (D) A description of the tenure obligation
17 required of personnel selected for the program.

18 (E) A plan for training during the course
19 of the program, including training in leader-
20 ship, program management, engineering, fi-
21 nance and budgeting, market research, business
22 acumen, contracting, supplier management, re-
23 quirement setting and tradeoffs, intellectual
24 property matters, and software.

1 (F) A description of career paths to be fol-
2 lowed by personnel in the program in order to
3 ensure that personnel in the program gain ex-
4 pertise in the program management functional
5 career field competencies identified by the De-
6 partment in existing guidance and the topics
7 listed in subparagraph (E), including—

8 (i) a determination of the types of ad-
9 vanced educational degrees that enhance
10 program management skills and the mech-
11 anisms available to the Department of De-
12 fense to facilitate the attainment of those
13 degrees by personnel in the program;

14 (ii) a determination of required as-
15 signments to positions within acquisition
16 programs, including position type and ac-
17 quisition category of the program office;

18 (iii) a determination of required or en-
19 couraged rotations to career broadening
20 positions outside of acquisition programs;
21 and

22 (iv) a determination of how the pro-
23 gram will ensure the opportunity for a re-
24 quired rotation to industry of at least six
25 months to develop an understanding of in-

1 industry motivation and business acumen,
2 such as by developing an industry ex-
3 change program for civilian program man-
4 agers, similar to the Corporate Fellows
5 Program of the Secretary of Defense.

6 (G) A general description of the number of
7 personnel anticipated to be selected into the
8 program, how frequently selections will occur,
9 how long personnel selected into the program
10 will participate in the program, and how per-
11 sonnel will be placed into an assignment at the
12 completion of the program.

13 (H) A description of benefits that will be
14 offered under the program using existing
15 human capital flexibilities to retain qualified
16 employees, such as student loan repayments.

17 (I) An assessment of personnel flexibilities
18 needed to allow the military departments and
19 the Defense Agencies to reassign or remove pro-
20 gram managers that do not perform effectively.

21 (J) A description of how the program will
22 be administered and overseen by the Secretaries
23 of each military department, acting through the
24 service acquisition executive for the department
25 concerned.

1 (K) A description of how the program will
2 be integrated with existing program manager
3 development efforts at each military depart-
4 ment.

5 (3) USE OF DEFENSE ACQUISITION WORKFORCE
6 DEVELOPMENT FUND.—Amounts in the Department
7 of Defense Acquisition Workforce Development
8 Fund (established under section 1705 of title 10,
9 United States Code) may be used to pay the base
10 salary of personnel in the program established under
11 paragraph (1) during the period of time such per-
12 sonnel are temporarily assigned to a developmental
13 rotation or training program anticipated to last at
14 least six months.

15 (4) IMPLEMENTATION.—The program estab-
16 lished under paragraph (1) shall be implemented not
17 later than September 30, 2019.

18 (b) INDEPENDENT STUDY OF INCENTIVES FOR PRO-
19 GRAM MANAGERS.—

20 (1) REQUIREMENT FOR STUDY.—Not later than
21 30 days after the date of the enactment of this Act,
22 the Secretary of Defense shall enter into a contract
23 with an independent research entity described in
24 paragraph (2) to carry out a comprehensive study of
25 incentives for Department of Defense civilian and

1 military program managers for major defense acqui-
2 sition programs, including—

3 (A) additional pay options for program
4 managers to provide incentives to senior civilian
5 employees and military officers to accept and
6 remain in program manager roles;

7 (B) a financial incentive structure to re-
8 ward program managers for delivering capabili-
9 ties on budget and on time; and

10 (C) a comparison between financial and
11 non-financial incentive structures for program
12 managers in the Department of Defense and an
13 appropriate comparison group of private indus-
14 try companies.

15 (2) INDEPENDENT RESEARCH ENTITY.—The
16 entity described in this subsection is an independent
17 research entity that is a not-for-profit entity or a
18 federally funded research and development center
19 with appropriate expertise and analytical capability.

20 (3) REPORTS.—

21 (A) TO SECRETARY.—Not later than nine
22 months after the date of the enactment of this
23 Act, the independent research entity shall pro-
24 vide to the Secretary a report containing—

1 (i) the results of the study required by
2 paragraph (1); and

3 (ii) such recommendations to improve
4 the financial incentive structure of pro-
5 gram managers for major defense acquisi-
6 tion programs as the independent research
7 entity considers to be appropriate.

8 (B) TO CONGRESS.—Not later than 30
9 days after receipt of the report under subpara-
10 graph (A), the Secretary of Defense shall sub-
11 mit such report, together with any additional
12 views or recommendations of the Secretary, to
13 the congressional defense committees.

14 **SEC. 822. IMPROVEMENTS TO THE HIRING AND TRAINING**
15 **OF THE ACQUISITION WORKFORCE.**

16 (a) USE OF FUNDS FROM THE DEFENSE ACQUISI-
17 TION WORKFORCE DEVELOPMENT FUND TO PAY SALA-
18 RIES OF PERSONNEL TO MANAGE THE FUND.—

19 (1) IN GENERAL.—Subsection 1705(e) of title
20 10, United States Code, is amended—

21 (A) in paragraph (1)—

22 (i) by inserting “(A)” before “Subject
23 to the provisions of this subsection”; and

24 (ii) by adding at the end the following
25 new subparagraph:

1 “(B) Amounts in the Fund also may be used to
2 pay salaries of personnel at the Office of the Sec-
3 retary of Defense, military departments, and De-
4 fense Agencies to manage the Fund.”; and

5 (B) in paragraph (3)—

6 (i) by striking “and” at the end of
7 subparagraph (C);

8 (ii) by striking the period and insert-
9 ing “; and” at the end of subparagraph
10 (D); and

11 (iii) by adding at the end the fol-
12 lowing new subparagraph:

13 “(E) describing the amount from the Fund
14 that may be used to pay salaries of personnel
15 at the Office of the Secretary of Defense, mili-
16 tary departments, and Defense Agencies to
17 manage the Fund and the circumstances under
18 which such amounts may be used for such pur-
19 pose.”.

20 (2) GUIDANCE.—Not later than 180 days after
21 the date of the enactment of this Act, the Secretary
22 of Defense shall issue, and submit to the congres-
23 sional defense committees, the policy guidance re-
24 quired by subparagraph (E) of section 1705(e)(3) of

1 title 10, United States Code, as added by paragraph
2 (1).

3 (b) COMPTROLLER GENERAL REVIEW OF EFFEC-
4 TIVENESS OF HIRING AND RETENTION FLEXIBILITIES
5 FOR ACQUISITION WORKFORCE PERSONNEL.—

6 (1) IN GENERAL.—Not later than June 30,
7 2019, the Comptroller General of the United States
8 shall submit to the congressional defense committees
9 a report on the effectiveness of hiring and retention
10 flexibilities for the acquisition workforce.

11 (2) ELEMENTS.—The report under this sub-
12 section shall include the following:

13 (A) A determination of the extent to which
14 the Department of Defense experiences chal-
15 lenges with recruitment and retention of the ac-
16 quisition workforce, such as post-employment
17 restrictions.

18 (B) A description of the hiring and reten-
19 tion flexibilities available to the Department to
20 fill civilian acquisition positions and the extent
21 to which the Department has used the flexibili-
22 ties available to it to target critical or under-
23 staffed career fields.

24 (C) A determination of the extent to which
25 the Department has the necessary data on its

1 use of hiring and retention flexibilities for the
2 civilian acquisition workforce to strategically
3 manage the use of such flexibilities.

4 (D) An identification of the factors that
5 affect the use of hiring and retention flexibili-
6 ties for the civilian acquisition workforce.

7 (E) Recommendations for any necessary
8 changes to the hiring and retention flexibilities
9 available to the Department to fill civilian ac-
10 quisition positions.

11 (F) A description of the flexibilities avail-
12 able to the Department to remove underper-
13 forming members of the acquisition workforce
14 and the extent to which any such flexibilities
15 are used.

16 (c) ASSESSMENT AND REPORT REQUIRED ON BUSI-
17 NESS-RELATED TRAINING FOR THE ACQUISITION WORK-
18 FORCE.—

19 (1) ASSESSMENT.—The Under Secretary of De-
20 fense for Acquisition and Sustainment shall conduct
21 an assessment of the following:

22 (A) The effectiveness of industry certifi-
23 cations and other industry training programs,
24 including fellowships, available to defense acqui-
25 sition workforce personnel.

1 (B) Gaps in knowledge of industry oper-
2 ations, industry motivation, and business acu-
3 men in the acquisition workforce.

4 (2) REPORT.—Not later than December 31,
5 2018, the Under Secretary shall submit to the Com-
6 mittees on Armed Services of the Senate and the
7 House of Representatives a report containing the re-
8 sults of the assessment conducted under this sub-
9 section.

10 (3) ELEMENTS.—The assessment and report
11 under paragraphs (1) and (2) shall address the fol-
12 lowing:

13 (A) Current sources of training and career
14 development opportunities, industry rotations,
15 and other career development opportunities re-
16 lated to knowledge of industry operations, in-
17 dustry motivation, and business acumen for
18 each acquisition position, as designated under
19 section 1721 of title 10, United States Code.

20 (B) Gaps in training, industry rotations,
21 and other career development opportunities re-
22 lated to knowledge of industry operations, in-
23 dustry motivation, and business acumen for
24 each such acquisition position.

1 (C) Plans to address those gaps for each
2 such acquisition position.

3 (D) Consideration of the role industry-
4 taught classes and classes taught at educational
5 institutions outside of the Defense Acquisition
6 University could play in addressing gaps.

7 (d) COMPTROLLER GENERAL REVIEW OF ACQUI-
8 TION TRAINING FOR NON-ACQUISITION WORKFORCE PER-
9 SONNEL.—

10 (1) IN GENERAL.—Not later than June 30,
11 2019, the Comptroller General of the United States
12 shall submit to the congressional defense committees
13 a report on acquisition-related training for personnel
14 working on acquisitions but not considered to be
15 part of the acquisition workforce (as defined in sec-
16 tion 101(18) of title 10, United States Code) (here-
17 after in this subsection referred to as “non-acquisi-
18 tion workforce personnel”).

19 (2) ELEMENTS.—The report shall address the
20 following:

21 (A) The extent to which non-acquisition
22 workforce personnel play a significant role in
23 defining requirements, conducting market re-
24 search, participating in source selection and

1 contract negotiation efforts, and overseeing con-
2 tract performance.

3 (B) The extent to which the Department is
4 able to identify and track non-acquisition work-
5 force personnel performing the roles identified
6 in subparagraph (A).

7 (C) The extent to which non-acquisition
8 workforce personnel are taking acquisition
9 training.

10 (D) The extent to which the Defense Ac-
11 quisition Workforce Development Fund has
12 been used to provide acquisition training to
13 non-acquisition workforce personnel.

14 (E) A description of sources of funding
15 other than the Fund that are available to and
16 used by the Department to provide non-acquisi-
17 tion workforce personnel with acquisition train-
18 ing.

19 (F) The extent to which additional acquisi-
20 tion training is needed for non-acquisition
21 workforce personnel, including the types of
22 training needed, the positions that need the
23 training, and any challenges to delivering nec-
24 essary additional training.

1 (e) BRIEFING ON IMPROVEMENTS TO THE DEFENSE
2 CONTRACT AUDIT AGENCY WORKFORCE.—

3 (1) BRIEFING REQUIRED.—Not later than 180
4 days after the date of the enactment of this Act, the
5 Director of the Defense Contract Audit Agency, in
6 consultation with the Under Secretary of Defense
7 (Comptroller), shall provide a briefing to the Com-
8 mittees on Armed Services of the Senate and the
9 House of Representatives.

10 (2) ELEMENTS.—The briefing required by
11 paragraph (1) shall address the following:

12 (A) The current education, certifications,
13 and qualifications of the Defense Contract
14 Audit Agency workforce, by supervisory and
15 non-supervisory levels and type of position.

16 (B) Shortfalls (if any) in education, quali-
17 fication, or training in the Defense Contract
18 Audit Agency workforce, by supervisory and
19 non-supervisory levels and type of position, and
20 the reasons for those shortfalls.

21 (C) The link (if any) between Defense
22 Contract Audit Agency workforce skill and ex-
23 perience gaps and the Agency's backlog of au-
24 dits.

1 (D) The link (if any) between the effective-
2 ness of Defense Contract Audit Agency regional
3 directors and their education, certifications, and
4 qualifications.

5 (E) The number of Defense Contract
6 Audit Agency auditors who have relevant pri-
7 vate sector experience, including from industry
8 exchanges while at the Defense Contract Audit
9 Agency and from prior employment experiences,
10 and the perspective of the Defense Contract
11 Audit Agency on the benefits of those experi-
12 ences.

13 (F) Ongoing efforts and future plans by
14 the Defense Contract Audit Agency to improve
15 the professionalization of its audit workforce,
16 including changes in hiring, training, required
17 certifications or qualifications, compensation
18 structure, and increased opportunities for in-
19 dustry exchanges or rotations.

20 **SEC. 823. EXTENSION AND MODIFICATIONS TO ACQUISI-**
21 **TION DEMONSTRATION PROJECT.**

22 (a) EXTENSION.—Section 1762(g) of title 10, United
23 States Code, is amended by striking “December 31, 2020”
24 and inserting “December 31, 2023”.

1 (b) IMPLEMENTATION STRATEGY FOR IMPROVE-
2 MENTS IN ACQUISITION DEMONSTRATION PROJECT.—

3 (1) STRATEGY REQUIRED.—The Secretary of
4 Defense shall develop an implementation strategy to
5 address areas for improvement in the demonstration
6 project required by section 1762 of title 10, United
7 States Code, as identified in the second assessment
8 of such demonstration project required by section
9 1762(e) of such title.

10 (2) ELEMENTS.—The strategy shall include the
11 following elements:

12 (A) Actions that have been or will be taken
13 to assess whether the flexibility to set starting
14 salaries at different levels is being used appro-
15 priately by supervisors and managers to com-
16 pete effectively for highly skilled and motivated
17 employees.

18 (B) Actions that have been or will be taken
19 to assess reasons for any disparities in career
20 outcomes across race and gender for employees
21 in the demonstration project.

22 (C) Actions that have been or will be taken
23 to strengthen the link between employee con-
24 tribution and compensation for employees in the
25 demonstration project.

1 (D) Actions that have been or will be taken
2 to enhance the transparency of the pay system
3 for employees in the demonstration project.

4 (E) A time frame and individual respon-
5 sible for each action identified under subpara-
6 graphs (A) through (D).

7 (3) BRIEFING REQUIRED.—Not later than one
8 year after the date of the enactment of this Act, the
9 Secretary of Defense shall provide a briefing to the
10 Committees on Armed Services of the Senate and
11 House of Representatives and the Committee on
12 Oversight and Government Reform of the House of
13 Representatives on the implementation strategy re-
14 quired by paragraph (1).

15 **SEC. 824. ACQUISITION POSITIONS IN THE OFFICES OF THE**
16 **SECRETARIES OF THE MILITARY DEPART-**
17 **MENTS.**

18 (a) OFFICE OF THE SECRETARY OF THE ARMY MAX-
19 IMUM NUMBER OF PERSONNEL.—Section 3014(f) of title
20 10, United States Code, is amended by adding at the end
21 the following new paragraph:

22 “(6) The limitation in paragraph (1) may be exceeded
23 if a civilian employee is assigned on permanent duty in
24 the Office of the Secretary of the Army or on the Army
25 Staff and—

1 “(A) the employee was employed immediately
2 preceding that assignment either—

3 “(i) in a position within the Office of the
4 Under Secretary of Defense for Acquisition,
5 Technology, and Logistics that had responsi-
6 bility for oversight of acquisition programs or
7 processes prior to February 1, 2018, and that
8 was determined to be no longer needed as a re-
9 sult of section 901 of the National Defense Au-
10 thorization Act for Fiscal Year 2017 (Public
11 Law 114-328; 130 Stat. 2339) and the amend-
12 ments made by that section; or

13 “(ii) in a Joint Staff position that sup-
14 ported the Joint Requirements Oversight Coun-
15 cil prior to December 23, 2016, and that was
16 determined to be no longer needed as a result
17 of section 925 of the National Defense Author-
18 ization Act for Fiscal Year 2017 (Public Law
19 114-328; 130 Stat. 2359) and the amendments
20 made by that section; and

21 “(B) the position described in subparagraph
22 (A) is not filled by the Office of the Under Secretary
23 of Defense for Acquisition and Sustainment or the
24 Joint Staff after the employee’s permanent duty as-
25 signment.”.

1 (b) OFFICE OF THE SECRETARY OF THE NAVY MAX-
2 IMUM NUMBER OF PERSONNEL.—Section 5014(f) of title
3 10, United States Code, is amended by adding at the end
4 the following new paragraph:

5 “(6) The limitation in paragraph (1) may be exceeded
6 if a civilian employee is assigned on permanent duty in
7 the Department of the Navy or assigned or detailed to
8 permanent duty in the Office of the Secretary of the Navy,
9 the Office of Chief of Naval Operations, or the Head-
10 quarters, Marine Corps, and—

11 “(A) the employee was employed immediately
12 preceding that assignment either—

13 “(i) in a position within the Office of the
14 Under Secretary of Defense for Acquisition,
15 Technology, and Logistics that had responsi-
16 bility for oversight of acquisition programs or
17 processes prior to February 1, 2018, and that
18 was determined to be no longer needed as a re-
19 sult of section 901 of the National Defense Au-
20 thorization Act for Fiscal Year 2017 (Public
21 Law 114-328; 130 Stat. 2339) and the amend-
22 ments made by that section; or

23 “(ii) in a Joint Staff position that sup-
24 ported the Joint Requirements Oversight Coun-
25 cil prior to December 23, 2016, and that was

1 determined to be no longer needed as a result
2 of section 925 of the National Defense Author-
3 ization Act for Fiscal Year 2017 (Public Law
4 114-328; 130 Stat. 2359) and the amendments
5 made by that section; and

6 “(B) the position described in subparagraph
7 (A) is not filled by the Office of the Under Secretary
8 of Defense for Acquisition and Sustainment or the
9 Joint Staff after the employee’s permanent duty as-
10 signment.”.

11 (c) OFFICE OF THE SECRETARY OF THE AIR FORCE
12 MAXIMUM NUMBER OF PERSONNEL.—Section 8014(f) of
13 title 10, United States Code, is amended by adding at the
14 end the following new paragraph:

15 “(6) The limitation in paragraph (1) may be exceeded
16 if a civilian employee is assigned on permanent duty in
17 the Office of the Secretary of the Air Force or on the Air
18 Staff and—

19 “(A) the employee was employed immediately
20 preceding that assignment either—

21 “(i) in a position within the Office of the
22 Under Secretary of Defense for Acquisition,
23 Technology, and Logistics that had responsi-
24 bility for oversight of acquisition programs or
25 processes prior to February 1, 2018, and that

1 was determined to be no longer needed as a re-
2 sult of section 901 of the National Defense Au-
3 thorization Act for Fiscal Year 2017 (Public
4 Law 114-328; 130 Stat. 2339) and the amend-
5 ments made by that section; or

6 “(ii) in a Joint Staff position that sup-
7 ported the Joint Requirements Oversight Coun-
8 cil prior to December 23, 2016, and that was
9 determined to be no longer needed as a result
10 of section 925 of the National Defense Author-
11 ization Act for Fiscal Year 2017 (Public Law
12 114-328; 130 Stat. 2359) and the amendments
13 made by that section; and

14 “(B) the position described in subparagraph
15 (A) is not filled by the Office of the Under Secretary
16 of Defense for Acquisition and Sustainment or the
17 Joint Staff after the employee’s permanent duty as-
18 signment.”.

19 **PART IV—TRANSPARENCY IMPROVEMENTS**

20 **SEC. 831. TRANSPARENCY OF DEFENSE BUSINESS SYSTEM**

21 **DATA.**

22 (a) ESTABLISHMENT OF COMMON ENTERPRISE
23 DATA STRUCTURES.—Section 2222 of title 10, United
24 States Code, is amended—

1 (1) in subsection (d), by adding at the end the
2 following new paragraph:

3 “(7) Policy requiring that any data contained in
4 a defense business system is an asset of the Depart-
5 ment of Defense, and that such data should be made
6 readily available to members of the Office of the
7 Secretary of Defense, the Joint Staff, and the mili-
8 tary departments (except as otherwise provided by
9 law or regulation).”;

10 (2) in subsection (e), by adding at the end the
11 following new paragraph:

12 “(5) COMMON ENTERPRISE DATA STRUC-
13 TURES.—(A) The defense business enterprise archi-
14 tecture shall include one or more common enterprise
15 data structures which can be used to code data that
16 are automatically extracted from the relevant de-
17 fense business systems to facilitate Department of
18 Defense-wide analysis and management of such
19 data.

20 “(B) The Deputy Chief Management Officer
21 shall—

22 “(i) in consultation with the Defense Busi-
23 ness Council established under subsection (f),
24 develop one or more common enterprise data

1 structures and an associated data governance
2 process; and

3 “(ii) have primary decision-making author-
4 ity with respect to the development of any such
5 common enterprise data structure.

6 “(C) The Director of Cost Assessment and Pro-
7 gram Evaluation shall—

8 “(i) in consultation with the Defense Busi-
9 ness Council established under subsection (f),
10 document and maintain any common enterprise
11 data structure developed under subparagraph
12 (B);

13 “(ii) extract data from defense business
14 systems using the appropriate common data en-
15 terprise structure on a specified schedule;

16 “(iii) provide access to such data to the
17 Office of the Secretary of Defense, the Joint
18 Staff, and the military departments (except as
19 otherwise provided by law or regulation) on a
20 specified schedule developed in consultation
21 with the Defense Business Council established
22 under subsection (f); and

23 “(iv) have primary decision-making author-
24 ity with respect to the maintenance of any such
25 common enterprise data structure.

1 “(D) Common enterprise data structures shall
2 be established and maintained for the following
3 types of data of the Department of Defense:

4 “(i) An accounting of expenditures of the
5 Department of Defense, set forth separately for
6 each type of expenditure.

7 “(ii) Data from the future-years defense
8 program established under section 221 and
9 budget data.

10 “(iii) Acquisition cost data and earned
11 value management data.

12 “(iv) Operating and support costs for
13 weapon systems, including data on maintenance
14 procedures conducted on each major weapon
15 system (as defined in section 2379 of this title).

16 “(v) Data on contracts and task orders of
17 the Department of Defense, including goods
18 and services acquired under such contracts or
19 task orders and associated obligations and ex-
20 penditures.

21 “(E) The Secretary of Defense, the Chairman
22 of the Joint Chiefs of Staff, the Secretaries of the
23 military departments, the Commanders of the com-
24 batant commands, the heads of the Defense Agen-
25 cies, the heads of the Department of Defense Field

1 Activities, and the heads of all other organizations of
2 the Department of Defense shall provide access to
3 the relevant defense business system of such depart-
4 ment, combatant command, Defense Agency, Field
5 Activity, or organization, as applicable, and data ex-
6 tracted from such system, for purposes of automati-
7 cally populating data sets coded with common enter-
8 prise data structures.”;

9 (3) in subsection (f)(2), by adding at the end
10 the following new clause:

11 “(iv) The Director of Cost Assessment
12 and Program Evaluation with respect to
13 common enterprise data structures.”; and

14 (4) in subsection (i), by adding at the end the
15 following new paragraphs:

16 “(10) COMMON ENTERPRISE DATA STRUC-
17 TURE.—The term ‘common enterprise data struc-
18 ture’ means a mapping and organization of data
19 from defense business systems into a common data
20 set.

21 “(11) DATA GOVERNANCE PROCESS.—The term
22 ‘data governance process’ means a system to manage
23 the timely Department of Defense-wide sharing of
24 data described under paragraph (5)(A).”.

1 (b) ADDITIONAL DUTIES OF THE DIRECTOR OF COST
2 ASSESSMENT AND PROGRAM EVALUATION.—Section
3 139a(d) of title 10, United States Code, is amended by
4 adding at the end the following new paragraph:

5 “(9) Maintenance of common enterprise data
6 structures established pursuant to section 2222 of
7 this title, including establishing and maintaining ac-
8 cess to any data contained in a defense business sys-
9 tem (as defined in such section) and used in a com-
10 mon enterprise data structure, as determined appro-
11 priate by the Secretary of Defense or the Director
12 of Cost Assessment and Program Evaluation.”.

13 (c) IMPLEMENTATION PLAN FOR COMMON ENTER-
14 PRISE DATA STRUCTURES.—

15 (1) PLAN REQUIRED.—Not later than six
16 months after the date of the enactment of this Act,
17 the Deputy Chief Management Officer and the Di-
18 rector of Cost Assessment and Program Evaluation
19 shall jointly develop a plan to implement the require-
20 ments of subsection (a).

21 (2) ELEMENTS.—At a minimum, the implemen-
22 tation plan required by paragraph (1) shall include
23 the following elements:

1 (A) The major tasks required to implement
2 the requirements of subsection (a) and the rec-
3 ommended time frames for each task.

4 (B) The estimated resources required to
5 complete each major task identified pursuant to
6 subparagraph (A).

7 (C) Any challenges associated with each
8 major task identified pursuant to subparagraph
9 (A) and related steps to mitigate such chal-
10 lenge.

11 (D) A description of how data security
12 issues will be appropriately addressed in the im-
13 plementation of the requirements of subsection
14 (a).

15 (3) SUBMISSION TO CONGRESS.—Upon comple-
16 tion of the plan required under paragraph (1), the
17 Deputy Chief Management Officer and the Director
18 of Cost Assessment and Program Evaluation shall
19 submit such plan to the congressional defense com-
20 mittees.

21 **SEC. 832. MAJOR DEFENSE ACQUISITION PROGRAMS: DIS-**
22 **PLAY OF BUDGET INFORMATION.**

23 (a) IN GENERAL.—Chapter 144 of title 10, United
24 States Code, is amended by inserting after section 2433a
25 the following new section:

1 **“§ 2434. Major defense acquisition programs: display**
2 **of budget information**

3 “(a) IN GENERAL.—In the defense budget materials
4 for fiscal year 2020 and each subsequent fiscal year, the
5 Secretary of Defense shall ensure that the funding re-
6 quirements listed in subsection (b) are displayed sepa-
7 rately for major defense acquisition programs, as defined
8 in section 2340 of title 10, United States Code.

9 “(b) REQUIREMENTS FOR BUDGET DISPLAY.—The
10 budget justification display for a fiscal year shall include
11 the funding requirement for each major defense acqui-
12 sition program, including all sources of appropriations—

13 “(1) for developmental test and evaluation;

14 “(2) for operational test and evaluation;

15 “(3) for the purchase of cost data from contrac-
16 tors; and

17 “(4) for the purchase or license of technical
18 data.

19 “(c) DEFINITIONS.—In this section, the terms ‘budg-
20 et’ and ‘defense budget materials’ have the meaning given
21 those terms in section 234 of this title.”.

22 (b) CLERICAL AMENDMENT.—The table of sections
23 at the beginning of such chapter is amended by inserting
24 after the item relating to section 2433a following new
25 item:

“2434. Major defense acquisition programs: display of budget information.”.

1 **SEC. 833. ENHANCEMENTS TO TRANSPARENCY IN TEST**
2 **AND EVALUATION PROCESSES AND DATA.**

3 (a) ADDITIONAL REQUIREMENTS RELATING TO DES-
4 IGNATION OF A MAJOR DEFENSE ACQUISITION PRO-
5 GRAM.—Section 139 of title 10, United States Code, is
6 amended—

7 (1) in subsection (a)(2)(B), by inserting before
8 the period at the end the following: “and in accord-
9 ance with subsection (l).”;

10 (2) by adding at the end the following new sub-
11 section:

12 “(l) For purposes of subsection (a)(2)(B), before des-
13 ignating a program that is not a major defense acquisition
14 program for the purposes of section 2430 of this title as
15 a major defense acquisition program for the purposes of
16 this section, the Director shall provide in writing to the
17 Under Secretary of Defense for Acquisition and
18 Sustainment, and the test and evaluation executive of the
19 military department or departments executing the pro-
20 gram, the specific circumstances of the program that led
21 to the designation decision.”; and

22 (3) by adding at the end of subsection (h)(4)
23 the following: “The report shall also include a brief
24 statement of the rationale for placing on the over-
25 sight list of the Director each program that is not
26 a major defense acquisition program for the pur-

1 poses of section 2430 of this title but has been des-
2 ignated as a major defense acquisition program for
3 the purposes of this section.”.

4 (b) CONSIDERATION OF LEGACY ITEMS OR COMPO-
5 NENTS IN OPERATIONAL TEST AND EVALUATION RE-
6 PORTS.—Section 2399(b)(2) of title 10, United States
7 Code, is amended—

8 (1) by striking “and” at the end of subpara-
9 graph (A)(ii);

10 (2) by redesignating subparagraph (B) as sub-
11 paragraph (C); and

12 (3) by inserting after subparagraph (A) the fol-
13 lowing new subparagraph:

14 “(B) a description of the performance of the
15 items or components tested in relation to comparable
16 legacy items or components, if such items or compo-
17 nents exist and relevant data are available without
18 requiring additional testing; and”.

19 (c) OPPORTUNITY FOR MILITARY DEPARTMENT
20 COMMENTS ON ANNUAL REPORT ON OPERATIONAL TEST
21 AND EVALUATION.—Section 139(h) of title 10, United
22 States Code, is amended—

23 (1) by redesignating paragraph (5) as para-
24 graph (6), and in that paragraph by striking “and
25 the Secretaries of the military departments”; and

1 (2) by inserting after paragraph (4) the fol-
2 lowing new paragraph (5):

3 “(5) Within 45 days after the submission of an
4 annual report by the Director to Congress, the Sec-
5 retaries of the military departments may each sub-
6 mit a report to the congressional defense committees
7 addressing any concerns related to information in-
8 cluded in the annual report, or providing updated or
9 additional information as appropriate.”.

10 (d) GUIDELINES FOR COLLECTION OF COST DATA
11 ON TEST AND EVALUATION.—

12 (1) IN GENERAL.—Not later than one year
13 after the date of the enactment of this Act, the Di-
14 rector of Operational Test and Evaluation and the
15 senior Department of Defense official with responsi-
16 bility for developmental testing shall jointly develop
17 policies, procedures, guidance, and a collection meth-
18 od to ensure that consistent, high quality data are
19 collected on the full range of estimated and actual
20 developmental, live fire, and operational testing costs
21 for major defense acquisition programs. Data on es-
22 timated and actual developmental, live fire, and
23 operational testing costs shall be maintained in an
24 electronic database maintained by the Director for
25 Cost Assessment and Program Evaluation.

1 (2) CONCURRENCE AND COORDINATION.—In
2 carrying out paragraph (1), the Director of Oper-
3 ational Test and Evaluation and the senior Depart-
4 ment of Defense official with responsibility for devel-
5 opmental testing shall obtain the concurrence of the
6 Director for Cost Assessment and Program Evalua-
7 tion and shall coordinate with the Director of the
8 Test Resource Management Center and the Secre-
9 taries of the military departments.

10 (3) MAJOR DEFENSE ACQUISITION PROGRAM
11 DEFINED.—In this section, the term “major defense
12 acquisition program” has the meaning provided in
13 section 2430 of title 10, United States Code.

14 (e) REPORT ON ENTERPRISE APPROACH TO TEST
15 AND EVALUATION KNOWLEDGE MANAGEMENT.—

16 (1) REPORT REQUIRED.—Within one year after
17 the date of the enactment of this Act, the Director
18 of the Test Resource Management Center and the
19 senior Department of Defense official with responsi-
20 bility for developmental testing shall provide to the
21 congressional defense committees a report on the de-
22 velopment of an approach for managing test and
23 evaluation knowledge across the entire Department
24 of Defense.

1 (2) ELEMENTS.—The report required by para-
2 graph (1) shall include the following elements:

3 (A) The detailed concepts, requirements,
4 technologies, methodologies, and architecture
5 necessary for an enterprise approach to knowl-
6 edge management for test and evaluation, in-
7 cluding data, data analysis tools, and modeling
8 and simulation capabilities.

9 (B) Resources needed to develop and adopt
10 an enterprise approach to knowledge manage-
11 ment for test and evaluation.

12 (C) Roles and responsibilities of various
13 Department of Defense entities to develop and
14 adopt an enterprise approach to knowledge
15 management for test and evaluation.

16 (D) Time frames required to develop and
17 adopt an enterprise approach to knowledge
18 management for test and evaluation.

19 (E) A description of pilot studies ongoing
20 at the time of the date of the enactment of this
21 Act or previously conducted related to devel-
22 oping an enterprise approach to test and eval-
23 uation knowledge management, including re-
24 sults of the pilot studies (if available) and les-
25 sons learned.

1 **Subtitle B—Streamlining of De-**
2 **fense Acquisition Statutes and**
3 **Regulations**

4 **SEC. 841. MODIFICATIONS TO THE ADVISORY PANEL ON**
5 **STREAMLINING AND CODIFYING ACQUI-**
6 **SITION REGULATIONS.**

7 (a) EXTENSION OF DATE FOR FINAL REPORT.—

8 (1) TRANSMITTAL OF PANEL FINAL REPORT.—

9 Subsection (e)(1) of section 809 of the National De-
10 fense Authorization Act for Fiscal Year 2016 (Pub-
11 lic Law 114–92; 129 Stat. 889), as amended by sec-
12 tion 863(d) of the National Defense Authorization
13 Act for Fiscal Year 2017 (Public Law 114–328; 130
14 Stat. 2303), is amended—

15 (A) by striking “Not later than two years
16 after the date on which the Secretary of De-
17 fense establishes the advisory panel” and insert-
18 ing “Not later than January 15, 2019”; and

19 (B) by striking “the Secretary” and insert-
20 ing “the Secretary of Defense and the congress-
21 sional defense committees”.

22 (2) SECRETARY OF DEFENSE ACTION ON FINAL
23 REPORT.—Subsection (e)(4) of such section is
24 amended—

1 (A) by striking “Not later than 30 days”
2 and inserting “Not later than 60 days”; and

3 (B) by striking “the final report, together
4 with such comments as the Secretary deter-
5 mines appropriate,” and inserting “such com-
6 ments as the Secretary determines appro-
7 priate”.

8 (b) TERMINATION OF PANEL.—Such section is fur-
9 ther amended by adding at the end the following new sub-
10 section:

11 “(g) TERMINATION OF PANEL.—The advisory panel
12 shall terminate 180 days after the date on which the final
13 report of the panel is transmitted pursuant to subsection
14 (e)(1) or on such later date as may be specified by the
15 Secretary of Defense.”.

16 **SEC. 842. EXTENSION OF MAXIMUM DURATION OF FUEL**
17 **STORAGE CONTRACTS.**

18 (a) EXTENSION.—Section 2922(b) of title 10, United
19 States Code, is amended by striking “20 years” and in-
20 serting “30 years”.

21 (b) EFFECTIVE DATE.—The amendment made by
22 subsection (a) shall apply with respect to contracts entered
23 into on or after the date of the enactment of this Act and
24 may be applied to a contract entered into before that date
25 if the total contract period under the contract (including

1 options) has not expired as of the date of any extension
2 of such contract period by reason of such amendment.

3 **SEC. 843. EXCEPTION FOR BUSINESS OPERATIONS FROM**
4 **REQUIREMENT TO ACCEPT \$1 COINS.**

5 Paragraph (1) of section 5112(p) of title 31, United
6 States Code, is amended by adding at the end the fol-
7 lowing new flush sentence:

8 “This paragraph does not apply with respect to busi-
9 ness operations conducted by any entity under a
10 contract with an agency or instrumentality of the
11 United States, including any nonappropriated fund
12 instrumentality established under title 10, United
13 States Code.”.

14 **SEC. 844. REPEAL OF EXPIRED PILOT PROGRAM.**

15 Section 807(c) of Public Law 104–106 (10 U.S.C.
16 2401a note) is repealed.

17 **Subtitle C—Amendments to Gen-**
18 **eral Contracting Authorities,**
19 **Procedures, and Limitations**

20 **SEC. 851. LIMITATION ON UNILATERAL DEFINITIZATION.**

21 (a) LIMITATION.—Section 2326 of title 10, United
22 States Code, is amended—

23 (1) by redesignating subsections (c), (d), (e),
24 (f), (g), (h), and (i) as subsections (d), (e), (f), (g),
25 (h), (i), and (j) respectively; and

1 (2) by inserting after subsection (b) the fol-
2 lowing new subsection (c):

3 “(c) LIMITATION ON UNILATERAL DEFINITIZATION
4 BY CONTRACTING OFFICER.—With respect to any
5 undefinitized contractual action with a value greater than
6 \$1,000,000,000, if agreement is not reached on contrac-
7 tual terms, specifications, and price within the period or
8 by the date provided in subsection (b)(1), the contracting
9 officer may not unilaterally definitize those terms, speci-
10 fications, or price over the objection of the contractor
11 until—

12 “(1) the head of the agency approves the
13 definitization in writing;

14 “(2) the contracting officer provides a copy of
15 the written approval to the contractor; and

16 “(3) a period of 30 calendar days has elapsed
17 after the written approval is provided to the con-
18 tractor.”.

19 (b) CONFORMING AMENDMENT.—Section 2326(b)(3)
20 of such title is amended by striking “subsection (g)” and
21 inserting “subsection (h)”.

22 (c) CONFORMING REGULATIONS.—Not later than
23 120 days after the date of the enactment of this Act, the
24 Secretary of Defense shall revise the Department of De-
25 fense Supplement to the Federal Acquisition Regulation

1 to implement section 2326 of title 10, United States Code,
2 as amended by this section.

3 **SEC. 852. CODIFICATION OF REQUIREMENTS PERTAINING**
4 **TO ASSESSMENT, MANAGEMENT, AND CON-**
5 **TROL OF OPERATING AND SUPPORT COSTS**
6 **FOR MAJOR WEAPON SYSTEMS.**

7 (a) CODIFICATION AND AMENDMENT.—

8 (1) IN GENERAL.—Chapter 137 of title 10,
9 United States Code, is amended by inserting after
10 section 2337 the following new section:

11 **“§ 2337a. Assessment, management, and control of op-**
12 **erating and support costs for major**
13 **weapon systems**

14 “(a) GUIDANCE REQUIRED.—The Secretary of De-
15 fense shall issue and maintain guidance on actions to be
16 taken to assess, manage, and control Department of De-
17 fense costs for the operation and support of major weapon
18 systems.

19 “(b) ELEMENTS.—The guidance required by sub-
20 section (a) shall, at a minimum—

21 “(1) be issued in conjunction with the com-
22 prehensive guidance on life-cycle management and
23 the development and implementation of product sup-
24 port strategies for major weapon systems required
25 by section 2337 of this title;

1 “(2) require the military departments to retain
2 each estimate of operating and support costs that is
3 developed at any time during the life cycle of a
4 major weapon system, together with supporting doc-
5 umentation used to develop the estimate;

6 “(3) require the military departments to update
7 estimates of operating and support costs periodically
8 throughout the life cycle of a major weapon system,
9 to determine whether preliminary information and
10 assumptions remain relevant and accurate, and iden-
11 tify and record reasons for variances;

12 “(4) establish policies and procedures for the
13 collection, organization, maintenance, and avail-
14 ability of standardized data on operating and sup-
15 port costs for major weapon systems in accordance
16 with section 2222 of this title;

17 “(5) establish standard requirements for the
18 collection and reporting of data on operating and
19 support costs for major weapon systems by contrac-
20 tors performing weapon system sustainment func-
21 tions in an appropriate format, and develop contract
22 clauses to ensure that contractors comply with such
23 requirements;

24 “(6) require the military departments—

1 “(A) to collect and retain data from oper-
2 ational and developmental testing and evalua-
3 tion on the reliability and maintainability of
4 major weapon systems; and

5 “(B) to use such data to inform system de-
6 sign decisions, provide insight into sustainment
7 costs, and inform estimates of operating and
8 support costs for such systems;

9 “(7) require the military departments to ensure
10 that sustainment factors are fully considered at key
11 life cycle management decision points and that ap-
12 propriate measures are taken to reduce operating
13 and support costs by influencing system design early
14 in development, developing sound sustainment strat-
15 egies, and addressing key drivers of costs;

16 “(8) require the military departments to con-
17 duct an independent logistics assessment of each
18 major weapon system prior to key acquisition deci-
19 sion points (including milestone decisions) to identify
20 features that are likely to drive future operating and
21 support costs, changes to system design that could
22 reduce such costs, and effective strategies for man-
23 aging such costs;

24 “(9) include—

1 “(A) reliability metrics for major weapon
2 systems; and

3 “(B) requirements on the use of metrics
4 under subparagraph (A) as triggers—

5 “(i) to conduct further investigation
6 and analysis into drivers of those metrics;
7 and

8 “(ii) to develop strategies for improv-
9 ing reliability, availability, and maintain-
10 ability of such systems at an affordable
11 cost; and

12 “(10) require the military departments to con-
13 duct periodic reviews of operating and support costs
14 of major weapon systems after such systems achieve
15 initial operational capability to identify and address
16 factors resulting in growth in operating and support
17 costs and adapt support strategies to reduce such
18 costs.

19 “(c) RETENTION OF DATA ON OPERATING AND SUP-
20 PORT COSTS.—

21 “(1) IN GENERAL.—The Director of Cost As-
22 sessment and Program Evaluation shall be respon-
23 sible for developing and maintaining a database on
24 operating and support estimates, supporting docu-

1 mentation, and actual operating and support costs
2 for major weapon systems.

3 “(2) SUPPORT.—The Secretary of Defense shall
4 ensure that the Director, in carrying out such re-
5 sponsibility—

6 “(A) promptly receives the results of all
7 cost estimates and cost analyses conducted by
8 the military departments with regard to oper-
9 ating and support costs of major weapon sys-
10 tems;

11 “(B) has timely access to any records and
12 data of the military departments (including
13 classified and proprietary information) that the
14 Director considers necessary to carry out such
15 responsibility; and

16 “(C) with the concurrence of the Under
17 Secretary of Defense for Acquisition and
18 Sustainment, may direct the military depart-
19 ments to collect and retain information nec-
20 essary to support the database.

21 “(d) MAJOR WEAPON SYSTEM DEFINED.—In this
22 section, the term ‘major weapon system’ has the meaning
23 given that term in section 2379(f) of title 10, United
24 States Code.”.

1 (2) CLERICAL AMENDMENT.—The table of sec-
2 tions at the beginning of chapter 137 of such title
3 is amended by adding after the item relating to sec-
4 tion 2337 the following new item:

 “2337a. Assessment, management, and control of operating and support costs
 for major weapon systems.”.

5 (b) REPEAL OF SUPERSEDED SECTION.—

6 (1) REPEAL.—Section 832 of the National De-
7 fense Authorization Act for Fiscal Year 2012 (Pub-
8 lic Law 112–81; 10 U.S.C. 2430 note) is repealed.

9 (2) CONFORMING AMENDMENT.—Section
10 2441(c) of title 10, United States Code, is amended
11 by striking “section 2337 of this title” and all that
12 follows through the period and inserting “sections
13 2337 and 2337a of this title.”.

14 **SEC. 853. USE OF PROGRAM INCOME BY ELIGIBLE ENTI-**
15 **TIES THAT CARRY OUT PROCUREMENT TECH-**
16 **NICAL ASSISTANCE PROGRAMS.**

17 Section 2414 of title 10, United States Code, is
18 amended—

19 (1) in the section heading, by striking “**LIMI-**
20 **TATION**” and inserting “**FUNDING**”; and

21 (2) by adding at the end the following new sub-
22 section:

23 “(d) USE OF PROGRAM INCOME.—

1 “(1) An eligible entity that earned income in a
2 specified fiscal year from activities carried out pur-
3 suant to a procurement technical assistance program
4 funded under this chapter may expend an amount of
5 such income not to exceed 25 percent of the cost of
6 furnishing procurement technical assistance in such
7 specified fiscal year, during the fiscal year following
8 the specified fiscal year, to carry out a procurement
9 technical assistance program funded under this
10 chapter.

11 “(2) An eligible entity that does not enter into
12 a cooperative agreement with the Secretary for a fis-
13 cal year—

14 “(A) shall notify the Secretary of the
15 amount of any income the eligible entity carried
16 over from the previous fiscal year; and

17 “(B) may retain an amount of such income
18 equal to 10 percent of the value of assistance
19 furnished by the Secretary under this section
20 during the previous fiscal year.

21 “(3) In determining the value of assistance fur-
22 nished by the Secretary under this section for any
23 fiscal year, the Secretary shall account for the
24 amount of any income the eligible entity carried over
25 from the previous fiscal year.”.

1 **SEC. 854. AMENDMENT TO SUSTAINMENT REVIEWS.**

2 Section 2441(a) of title 10, United States Code, is
3 amended by adding at the end the following: “The Sec-
4 retary concerned shall make the memorandum and sup-
5 porting documentation for each sustainment review avail-
6 able to the Under Secretary of Defense for Acquisition and
7 Sustainment within 30 days after the review is com-
8 pleted.”.

9 **SEC. 855. CLARIFICATION TO OTHER TRANSACTION AU-**
10 **THORITY.**

11 (a) **CLARIFICATION TO REQUIREMENT FOR WRITTEN**
12 **DETERMINATIONS FOR PROTOTYPE PROJECTS.**—Section
13 2371b(a)(2) of title 10, United States Code, is amended
14 by striking “for a prototype project” each place such term
15 appears and inserting “for a transaction (for a prototype
16 project)”.

17 (b) **CLARIFICATION OF INCLUSION OF SMALL BUSI-**
18 **NESSES PARTICIPATING IN SBIR OR STTR.**—Section
19 2371b(d)(1)(B) of title 10, United States Code, is amend-
20 ed by inserting “(including small businesses participating
21 in a program described under section 9 of the Small Busi-
22 ness Act (15 U.S.C. 638))” after “small businesses”.

1 **SEC. 856. CLARIFYING THE USE OF LOWEST PRICE TECH-**
2 **NICALLY ACCEPTABLE SOURCE SELECTION**
3 **PROCESS.**

4 Section 813 of the National Defense Authorization
5 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
6 2270; 10 U.S.C. 2305 note) is amended—

7 (1) in subsection (b)—

8 (A) in paragraph (5), by striking “and” at
9 the end;

10 (B) in paragraph (6), by striking the pe-
11 riod at the end and inserting a semicolon; and

12 (C) by adding at the end the following new
13 paragraphs:

14 “(7) the Department of Defense would realize
15 minimal or no additional innovation or future tech-
16 nological advantage; and

17 “(8) with respect to a contract for procurement
18 of goods, the goods procured are predominately ex-
19 pendable in nature, nontechnical, or have a short life
20 expectancy or short shelf life.”; and

21 (2) in subsection (c)—

22 (A) in paragraph (2), by striking “or” at
23 the end;

24 (B) in paragraph (3), by striking the pe-
25 riod at the end and inserting “; or”; and

1 (C) by adding at the end the following new
2 paragraph:

3 “(4) electronic test and measurement equip-
4 ment for which calibration or repair costs are ex-
5 pected to substantially affect full life-cycle costs.”.

6 **SEC. 857. AMENDMENT TO NONTRADITIONAL AND SMALL**
7 **CONTRACTOR INNOVATION PROTOTYPING**
8 **PROGRAM.**

9 Section 884(d) of the National Defense Authorization
10 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
11 2318; 10 U.S.C.2301 note) is amended—

12 (1) by redesignating paragraph (9) as para-
13 graph (10); and

14 (2) by inserting after paragraph (8) the fol-
15 lowing new paragraph (9):

16 “(9) Unmanned ground logistics and unmanned air
17 logistics capabilities enhancement.”.

18 **SEC. 858. MODIFICATION TO ANNUAL MEETING REQUIRE-**
19 **MENT OF CONFIGURATION STEERING**
20 **BOARDS.**

21 Section 814(c)(4) of the Duncan Hunter National
22 Defense Authorization Act for Fiscal Year 2009 (Public
23 Law 110–417; 122 Stat. 4529; 10 U.S.C. 2430 note) is
24 amended by striking “year.” and inserting “year, unless
25 the senior acquisition executive of the military department

1 concerned determines in writing that there have been no
2 changes to the program requirements of a major defense
3 acquisition program during the preceding year.”.

4 **SEC. 859. CHANGE TO DEFINITION OF SUBCONTRACT IN**
5 **CERTAIN CIRCUMSTANCES.**

6 Section 1906(c)(1) of title 41, United States Code,
7 is amended by adding at the end the following: “The term
8 does not include agreements entered into by a contractor
9 for the supply of commodities that are intended for use
10 in the performance of multiple contracts with the Govern-
11 ment and other parties and are not identifiable to any par-
12 ticular contract.”.

13 **SEC. 860. AMENDMENT RELATING TO APPLICABILITY OF**
14 **INFLATION ADJUSTMENTS.**

15 Subsection 1908(d) of title 41, United States Code,
16 is amended by inserting before the period at the end the
17 following: “, and shall apply, in the case of the procure-
18 ment of property or services by contract, to a contract,
19 and any subcontract at any tier under the contract, in ef-
20 fect on that date without regard to the date of award of
21 the contract or subcontract.”.

1 **SEC. 860A. EXEMPTION OF CERTAIN CONTRACTS FROM IN-**
2 **FLATION ADJUSTMENTS.**

3 Subparagraph (B) of section 1908(b)(2) of title 41,
4 United States Code, is amended by inserting “3131 to
5 3134,” after “sections”.

6 **SEC. 860B. INCLUSION OF SBIR AND STTR PROGRAMS IN**
7 **TECHNICAL ASSISTANCE.**

8 Subsection (c) of section 2418 of title 10, United
9 States Code, is amended—

10 (1) by striking “issued under” and inserting the
11 following: “issued—

12 “(1) under”;

13 (2) by striking “and on” and inserting “, and
14 on”;

15 (3) by striking “requirements.” and inserting
16 “requirements; and”; and

17 (4) by adding at the end the following new
18 paragraph:

19 “(2) under section 9 of the Small Business Act
20 (15 U.S.C. 638), and on compliance with those re-
21 quirements.”.

22 **Subtitle D—Other Matters**

23 **SEC. 861. EXEMPTION FROM DESIGN-BUILD SELECTION**
24 **PROCEDURES.**

25 Subsection (d) of section 2305a of title 10, United
26 States Code, is amended by striking the second and third

1 sentences and inserting the following: “If the contract
2 value exceeds \$4,000,000, the maximum number specified
3 in the solicitation shall not exceed 5 unless—

4 “(1) the solicitation is issued pursuant to a in-
5 definite delivery-indefinite quantity contract for de-
6 sign-build construction; or

7 “(2)(A) the head of the contracting activity,
8 delegable to a level no lower than the senior con-
9 tracting official within the contracting activity, ap-
10 proves the contracting officer’s justification with re-
11 spect to an individual solicitation that a number
12 greater than 5 is in the Federal Government’s inter-
13 est; and

14 “(B) the contracting officer shall provide writ-
15 ten documentation of how a maximum number ex-
16 ceeding 5 is consistent with the purposes and objec-
17 tives of the two-phase selection procedures.”.

18 **SEC. 862. REQUIREMENT THAT CERTAIN SHIP COMPO-**
19 **NENTS BE MANUFACTURED IN THE NA-**
20 **TIONAL TECHNOLOGY AND INDUSTRIAL**
21 **BASE.**

22 (a) **ADDITIONAL PROCUREMENT LIMITATION.**—Sec-
23 tion 2534(a) of title 10, United States Code, is amended
24 by adding at the end the following new paragraph:

1 “(6) COMPONENTS FOR AUXILIARY SHIPS.—

2 Subject to subsection (k), the following components:

3 “(A) Auxiliary equipment, including
4 pumps, for all shipboard services.

5 “(B) Propulsion system components, in-
6 cluding engines, reduction gears, and propellers.

7 “(C) Shipboard cranes.

8 “(D) Spreaders for shipboard cranes.”.

9 (b) IMPLEMENTATION.—Such section is further
10 amended by adding at the end the following new sub-
11 section:

12 “(k) IMPLEMENTATION OF AUXILIARY SHIP COMPO-
13 NENT LIMITATION.—Subsection (a)(6) applies only with
14 respect to contracts awarded by the Secretary of a military
15 department for new construction of an auxiliary ship after
16 the date of the enactment of the National Defense Author-
17 ization Act for Fiscal Year 2018 using funds available for
18 National Defense Sealift Fund programs or Shipbuilding
19 and Conversion, Navy.”.

20 **SEC. 863. PROCUREMENT OF AVIATION CRITICAL SAFETY**
21 **ITEMS.**

22 Section 814(a) of the National Defense Authorization
23 Act for Fiscal Year 2017 (Public Law 114-328; 130 Stat.
24 2271; 10 U.S.C. 2302 note) is amended—

25 (1) in paragraph (1)—

1 (A) by inserting “or an aviation critical
2 safety item (as defined in section 2319(g) of
3 this title)” after “personal protective equip-
4 ment”; and

5 (B) by inserting “equipment or” after
6 “failure of the”; and

7 (2) in paragraph (2), by inserting “or item”
8 after “equipment”.

9 **SEC. 864. MILESTONES AND TIMELINES FOR CONTRACTS**

10 **FOR FOREIGN MILITARY SALES.**

11 (a) ESTABLISHMENT OF STANDARD TIMELINES FOR
12 FOREIGN MILITARY SALES.—The Secretary of Defense
13 shall establish specific milestones and standard timelines
14 to achieve such milestones for a foreign military sale (as
15 authorized under chapter 2 of the Arms Export Control
16 Act (22 U.S.C. 2761 et seq.)), including milestones and
17 timelines for actions that occur after a letter of offer and
18 acceptance (as described in chapter 5 of the Security As-
19 sistance Management Manual of the Defense Security Co-
20 operation Agency) for such foreign military sale is com-
21 pleted. Such milestones and timelines—

22 (1) may vary depending on the complexity of
23 the foreign military sale; and

24 (2) shall cover the period beginning on the date
25 of receipt of a complete letter of request (as de-

1 scribed in such chapter 5) from a foreign country
2 and ending on the date of the final delivery of a de-
3 fense article or defense service sold through the for-
4 eign military sale.

5 (b) SUBMISSIONS TO CONGRESS.—

6 (1) QUARTERLY NOTIFICATION.—During the
7 period beginning on the date of the enactment of
8 this Act and ending on December 31, 2021, the Sec-
9 retary shall submit to the congressional defense com-
10 mittees, the Committee on Foreign Affairs of the
11 House of Representatives, and the Committee on
12 Foreign Relations of the Senate, on a quarterly
13 basis, a report that includes a list of each foreign
14 military sale with a value greater than or equal to
15 the dollar threshold for congressional notification
16 under section 36 of the Arms Export Control Act
17 (22 U.S.C. 2776)—

18 (A) for which the final delivery of a de-
19 fense article or defense service has not been
20 completed; and

21 (B) that failed to meet a standard timeline
22 to achieve a milestone as established under sub-
23 section (a).

24 (2) ANNUAL REPORT.—Not later than Novem-
25 ber 1, 2019, and annually thereafter until December

1 31, 2021, the Secretary shall submit to the commit-
2 tees described in paragraph (1) a report that sum-
3 marizes—

4 (A) the number, set forth separately by
5 dollar value and milestone, of foreign military
6 sales that met the standard timeline to achieve
7 a milestone established under subsection (a)
8 during the preceding fiscal year; and

9 (B) the number, set forth separately by
10 dollar value, milestone, and case development
11 extenuating factor, of foreign military sales that
12 failed to meet the standard timeline to achieve
13 a milestone established under subsection (a).

14 (c) DEFINITIONS.—In this section:

15 (1) DEFENSE ARTICLE; DEFENSE SERVICE.—
16 The terms “defense article” and “defense service”
17 have the meanings given those terms, respectively, in
18 section 47 of the Arms Export Control Act (22
19 U.S.C. 2794).

20 (2) CASE DEVELOPMENT EXTENUATING FAC-
21 TOR.—The term “case development extenuating fac-
22 tor” means a reason from a list of reasons developed
23 by the Secretary (such as a change in requirements,
24 delay in performance, or failure to receive funding)
25 for the failure of a foreign military sale to meet a

1 standard timeline to achieve a milestone established
2 under subsection (a).

3 **SEC. 865. NOTIFICATION REQUIREMENT FOR CERTAIN**
4 **CONTRACTS FOR AUDIT SERVICES.**

5 (a) NOTIFICATION TO CONGRESS.—If the Under Sec-
6 retary of Defense (Comptroller) makes a written finding
7 that a delay in performance of a covered contract while
8 a protest is pending would hinder the annual preparation
9 of audited financial statements for the Department of De-
10 fense, and the head of the procuring activity responsible
11 for the award of the covered contract does not authorize
12 the award of the contract (pursuant to section 3553(c)(2)
13 of title 31, United States Code) or the performance of the
14 contract (pursuant to section 3553(d)(3)(C) of such title),
15 the Secretary of Defense shall—

16 (1) notify the congressional defense committees
17 within 10 days after such finding is made; and

18 (2) describe any steps the Department of De-
19 fense plans to take to mitigate any hindrance identi-
20 fied in such finding to the annual preparation of au-
21 dited financial statements for the Department.

22 (b) COVERED CONTRACT DEFINED.—In this section,
23 the term “covered contract” means a contract for services
24 to perform an audit to comply with the requirements of
25 section 3515 of title 31, United States Code.

1 **SEC. 866. TRAINING IN ACQUISITION OF COMMERCIAL**
2 **ITEMS.**

3 (a) TRAINING.—Not later than 180 days after the
4 date of the enactment of this Act, the President of the
5 Defense Acquisition University shall establish a com-
6 prehensive training program on the acquisition of commer-
7 cial items, including part 12 of the Federal Acquisition
8 Regulation. The curriculum shall include, at a minimum,
9 the following:

10 (1) The reasons for and appropriate uses of
11 part 12 of the Federal Acquisition Regulation, in-
12 cluding the preference for the acquisition of commer-
13 cial items under section 2377 of title 10, United
14 States Code.

15 (2) The definition of a commercial item, includ-
16 ing the interpretation of the phrase “of a type”.

17 (3) Price analysis and negotiations.

18 (4) Market research and analysis.

19 (5) Independent cost estimates.

20 (6) Parametric estimating methods.

21 (7) Value analysis.

22 (8) Other topics on the acquisition of commer-
23 cial items necessary to ensure a well-educated acqui-
24 sition workforce.

25 (b) STUDENT ENROLLMENT.—The President of the
26 Defense Acquisition University shall set goals for student

1 enrollment for the training program established under
2 subsection (a).

3 **SEC. 867. NOTICE OF COST-FREE FEDERAL PROCUREMENT**
4 **TECHNICAL ASSISTANCE IN CONNECTION**
5 **WITH REGISTRATION OF SMALL BUSINESS**
6 **CONCERNS ON PROCUREMENT WEBSITES OF**
7 **THE DEPARTMENT OF DEFENSE.**

8 (a) IN GENERAL.—The Secretary of Defense shall es-
9 tablish procedures to ensure that any notice or direct com-
10 munication regarding the registration of a small business
11 concern on a website maintained by the Department of
12 Defense relating to contracting opportunities contains in-
13 formation about cost-free Federal procurement technical
14 assistance services that are available through a procure-
15 ment technical assistance program established under chap-
16 ter 142 of title 10, United States Code.

17 (b) SMALL BUSINESS CONCERN DEFINED.—The
18 term “small business concern” has the meaning given such
19 term under section 3 of the Small Business Act (15 U.S.C.
20 632).

21 **SEC. 868. COMPTROLLER GENERAL REPORT ON CON-**
22 **TRACTOR BUSINESS SYSTEM REQUIRE-**
23 **MENTS.**

24 Not later than 1 year after the date of enactment
25 of this Act, the Comptroller General of the United States

1 shall submit to the congressional defense committees a re-
2 port on the feasibility and effects of an increase to the
3 percentage of total gross revenue included in the definition
4 of the term “covered contractor” in section 893(g)(2) of
5 the Ike Skelton National Defense Authorization Act for
6 Fiscal Year 2011 (Public Law 111–383; 10 U.S.C. 2302
7 note). Such report shall include—

8 (1) an assessment of the effects of the amend-
9 ment to such definition made by subsection (c) of
10 section 893 of the National Defense Authorization
11 Act for Fiscal Year 2017 (Public Law 114–328);
12 and

13 (2) the feasibility and effects of a subsequent
14 increase to the percentage of total gross revenue in-
15 cluded in such definition.

16 **SEC. 869. STANDARD GUIDELINES FOR EVALUATION OF RE-**
17 **QUIREMENTS FOR SERVICES CONTRACTS.**

18 (a) IN GENERAL.—The Secretary of Defense shall
19 encourage the use of standard guidelines within the De-
20 partment of Defense for the evaluation of requirements
21 for services contracts. Such guidelines shall be available
22 to the Services Requirements Review Boards (established
23 under Department of Defense Instruction 5000.74, titled
24 “Defense Acquisition of Services” and dated January 5,
25 2016, or a successor instruction) within each Defense

1 Agency, each Department of Defense Field Activity, and
2 each military department for the purpose of standardizing
3 the requirements evaluation required under section 2329
4 of title 10, United States Code, as added by this Act. Such
5 guidelines may provide policy guidance or tools, including
6 a comprehensive checklist of total force management poli-
7 cies and procedures that is modeled after the checklist
8 used by the Army, to aid uniform decision-making during
9 the requirements evaluation process.

10 (b) DEFINITIONS.—In this section—

11 (1) the terms “Defense Agency”, “Department
12 of Defense Field Activity”, and “military depart-
13 ment” have the meanings given those terms in sec-
14 tion 101 of title 10, United States Code; and

15 (2) the term “total force management policies
16 and procedures” means the policies and procedures
17 established under section 129a of such title.

18 **SEC. 870. TEMPORARY LIMITATION ON AGGREGATE AN-**
19 **NUAL AMOUNT AVAILABLE FOR CONTRACT**
20 **SERVICES.**

21 (a) LIMITATION.—Except as provided in subsection
22 (b)(1), the total amount obligated by the Department of
23 Defense for contract services in fiscal year 2018 may not
24 exceed the total amount requested for the Department for
25 contract services in the budget of the President for fiscal

1 year 2010 (as submitted to Congress pursuant to section
2 1105(a) of title 31, United States Code) adjusted for net
3 transfers from funding for overseas contingency oper-
4 ations.

5 (b) DEFINITIONS.—In this section:

6 (1) CONTRACT SERVICES.—The term “contract
7 services” has the meaning given that term in section
8 235 of title 10, United States Code, except that the
9 term does not include services that are funded out
10 of amounts available for overseas contingency oper-
11 ations.

12 (2) TRANSFERS FROM FUNDING FOR OVERSEAS
13 CONTINGENCY OPERATIONS.—The term “transfers
14 from funding for overseas contingency operations”
15 means amounts funded out of amounts available for
16 overseas contingency operations in fiscal year 2010
17 that are funded out of amounts other than amounts
18 so available in fiscal year 2018.

19 **SEC. 871. DEVELOPMENT OF PROCUREMENT ADMINISTRA-**
20 **TIVE LEAD TIME.**

21 (a) IN GENERAL.—Not later than 180 days after the
22 date of the enactment of this Act, the Secretary of Defense
23 shall develop, make available for public comment, and fi-
24 nalize—

1 (1) a definition of the term “Procurement Ad-
2 ministrative Lead Time” or “PALT”, to be applied
3 Department of Defense-wide, that describes the
4 amount of time from the date on which a solicitation
5 is issued to the date of an initial award of a contract
6 or task order of the Department of Defense; and

7 (2) a plan for measuring and publicly reporting
8 data on PALT for Department of Defense contracts
9 and task orders above the micro-purchase threshold.

10 (b) REQUIREMENT FOR DEFINITION.—Unless the
11 Secretary determines otherwise, the amount of time in the
12 definition of PALT developed under subsection (a) shall—

13 (1) begin on the date on which a solicitation is
14 issued for a contract or task order of the Depart-
15 ment of Defense by the Secretary of a military de-
16 partment or head of a Defense Agency; and

17 (2) end on the date of an initial award of the
18 contract or task order.

19 (c) DEVIATION FROM PALT MILESTONES.—The
20 Secretary may deviate from current PALT milestones as
21 the Secretary determines necessary, to develop the defini-
22 tion of PALT under subsection (a).

23 (d) COORDINATION.—In developing the definition of
24 PALT, the Secretary shall coordinate with the senior con-
25 tracting official of each military department and Defense

1 Agency to determine the variations of the definition in use
2 across the Department of Defense and each military de-
3 partment and Defense Agency.

4 (e) USE OF EXISTING PROCUREMENT DATA SYS-
5 TEMS.—In developing the plan for measuring and publicly
6 reporting data on PALT required by subsection (a), the
7 Secretary shall consider, to the maximum extent prac-
8 ticable, relying on the information captured by the Federal
9 procurement data system established pursuant to section
10 1122(a)(4) of title 41, United States Code (or any similar
11 or successor system).

12 **SEC. 872. SENSE OF CONGRESS REGARDING STEEL PRO-**
13 **DUCED IN THE UNITED STATES.**

14 (a) FINDINGS.—Congress finds the following:

15 (1) Frequent surges in unfairly trade steel im-
16 ports have materially injured the iron ore and steel
17 industries in the United States, putting our national,
18 economic, and energy security at risk.

19 (2) High-quality American steel products are
20 vital to the success of the United States military and
21 are used in a variety of applications from aircraft
22 carriers to armor plate for tanks.

23 (3) Domestic producers of defense-related steel
24 products are dependent on the overall financial

1 health of the iron ore and steel industries in the
2 United States.

3 (4) The loss of a strong domestic iron ore and
4 steel industry would make the United States dan-
5 gerously dependent upon foreign sources of steel,
6 such as China.

7 (b) SENSE OF CONGRESS.—It is the sense of Con-
8 gress that a strong domestic iron ore and steel industry
9 is vital to the national security of the United States.

10 **SEC. 873. AMENDMENTS RELATING TO INFORMATION**
11 **TECHNOLOGY.**

12 (a) ELIMINATION OF SUNSET RELATING TO TRANS-
13 PARENCY AND RISK MANAGEMENT OF MAJOR INFORMA-
14 TION TECHNOLOGY INVESTMENTS.—Subsection (c) of
15 section 11302 of title 40, United States Code, is amended
16 by striking the first paragraph (5).

17 (b) ELIMINATION OF SUNSET RELATING TO INFOR-
18 MATION TECHNOLOGY PORTFOLIO, PROGRAM, AND RE-
19 SOURCE REVIEWS.—Section 11319 of title 40, United
20 States Code, is amended—

21 (1) by redesignating the second subsection (c)
22 as subsection (d); and

23 (2) in subsection (d), as so redesignated, by
24 striking paragraph (6).

1 (c) EXTENSION OF SUNSET RELATING TO FEDERAL
2 DATA CENTER CONSOLIDATION INITIATIVE.—Subsection
3 (e) of section 834 of the National Defense Authorization
4 Act for Fiscal Year 2015 (Public Law 113–291; 44 U.S.C.
5 3601 note) is amended by striking “2018” and inserting
6 “2020”.

7 **SEC. 874. REPEAL OF CERTAIN AUDITING REQUIREMENTS.**

8 Section 190 of title 10, United States Code, as pro-
9 posed to be added by section 820(b)(1) of the National
10 Defense Authorization Act for Fiscal Year 2017 (Public
11 Law 114–328; 130 Stat. 2274), is amended by striking
12 subsection (f).

13 **SEC. 875. PROHIBITION ON CONTRACTING WITH CERTAIN**
14 **TELECOMMUNICATIONS PROVIDERS.**

15 (a) LIST OF COVERED CONTRACTORS.—Not later
16 than 30 days after the date of the enactment of this Act,
17 the Director of National Intelligence shall develop a list
18 of covered contractors, to be updated as frequently as the
19 Director determines appropriate, and shall make such list
20 available to the Secretary of Defense.

21 (b) PROHIBITION ON CONTRACTS.—The Secretary of
22 Defense may not enter into a contract with a covered con-
23 tractor on the list described under subsection (a).

24 (c) REMOVAL FROM LIST.—To be removed from the
25 list described in subsection (a), a covered contractor may

1 submit a request to the Director in such manner as the
2 Director determines appropriate. Upon certification of the
3 request, the Director shall remove the covered contractor
4 from the list.

5 (d) WAIVER.—The President may waive the require-
6 ments of subsection (b) if the President determines that
7 the waiver is justified for national security reasons.

8 (e) COVERED CONTRACTOR DEFINED.—The term
9 “covered contractor” means a provider of telecommuni-
10 cations or telecommunications equipment that has been
11 found by the Director to have knowingly assisted or facili-
12 tated a cyber attack carried out by or on behalf of the
13 government of the Democratic People’s Republic of Korea
14 or persons associated with such government.

15 (f) EFFECTIVE DATE.—This section shall apply with
16 respect to contracts of a covered contractor entered into
17 on or after the date of the enactment of this Act.

18 **SEC. 876. ASSESSMENT AND AUTHORITY TO TERMINATE OR**
19 **PROHIBIT CONTRACTS FOR PROCUREMENT**
20 **FROM CHINESE COMPANIES PROVIDING SUP-**
21 **PORT TO THE DEMOCRATIC PEOPLE’S RE-**
22 **PUBLIC OF KOREA.**

23 (a) ASSESSMENT REQUIRED.—

24 (1) IN GENERAL.—The Secretary of Defense, in
25 consultation with the Secretary of State, the Sec-

1 retary of the Treasury, and the Director of National
2 Intelligence, shall conduct an assessment of trade
3 between the People’s Republic of China and the
4 Democratic People’s Republic of Korea, including
5 elements deemed to be important to United States
6 national security and defense.

7 (2) ELEMENTS.—The assessment required by
8 paragraph (1) shall—

9 (A) assess the composition of all trade be-
10 tween China and the Democratic People’s Re-
11 public of Korea, including trade in goods and
12 services;

13 (B) identify whether any Chinese commer-
14 cial entities that are engaged in such trade ma-
15 terially support illicit activities on the part of
16 North Korea;

17 (C) evaluate the extent to which the
18 United States Government procures goods or
19 services from any commercial entity identified
20 under subparagraph (B);

21 (D) provide a list of commercial entities
22 identified under subparagraph (B) that provide
23 defense goods or services for the Department of
24 Defense; and

1 (E) evaluate the ramifications to United
2 States national security, including any impacts
3 to the defense industrial base, Department of
4 Defense acquisition programs, and Department
5 of Defense logistics or supply chains, of prohib-
6 iting procurements from commercial entities
7 listed under subparagraph (D).

8 (3) REPORT.—Not later than 180 days after
9 the date of the enactment of this Act, the Secretary
10 of Defense shall submit to Congress a report on the
11 assessment required by paragraph (1). The report
12 shall be submitted in unclassified form, but may
13 contain a classified annex.

14 (b) AUTHORITY.—The Secretary of Defense may ter-
15 minate existing contracts or prohibit the award of con-
16 tracts for the procurement of goods or services for the De-
17 partment of Defense from a Chinese commercial entity
18 listed under subsection (a)(2)(D) based on a determina-
19 tion informed by the assessment required under subsection
20 (a).

21 (c) NOTIFICATION.—The Secretary of Defense shall
22 submit to the appropriate committees of Congress a notifi-
23 cation of, and detailed justification for, any exercise of the
24 authority in subsection (b) not less than 30 days before
25 the date on which the authority is exercised.

1 (d) APPROPRIATE COMMITTEES OF CONGRESS DE-
2 FINED.—In this section, the term “appropriate commit-
3 tees of Congress” means—

4 (1) the Committee on Armed Services and the
5 Committee on Foreign Relations of the Senate; and

6 (2) the Committee on Armed Services and the
7 Committee on Foreign Affairs of the House of Rep-
8 resentatives.

9 **SEC. 877. REPORT ON SOURCING OF TUNGSTEN AND TUNG-**
10 **STEN POWDERS FROM DOMESTIC PRO-**
11 **DUCERS.**

12 (a) REPORT.—Not later than one year after the date
13 of the enactment of this Act, the Secretary of Defense
14 shall submit to the congressional defense committees a re-
15 port on the procurement of tungsten and tungsten pow-
16 ders for military applications.

17 (b) ELEMENTS.—The report under subsection (a)
18 shall include the following:

19 (1) An overview of the quantities and countries
20 of origin of tungsten and tungsten powders that are
21 procured by the Department of Defense or prime
22 contractors of the Department for military applica-
23 tions.

1 (2) An evaluation of the effects on the Depart-
2 ment if domestic-produced tungsten and tungsten
3 powders are given priority.

4 (3) An evaluation of the effects on the Depart-
5 ment if tungsten and tungsten powders are required
6 to be procured from only domestic producers.

7 (4) An estimate of any costs associated with do-
8 mestic sourcing requirements related to tungsten
9 and tungsten powders.

10 **TITLE IX—DEPARTMENT OF DE-**
11 **FENSE ORGANIZATION AND**
12 **MANAGEMENT**

13 **Subtitle A—Organization and Man-**
14 **agement of the Department of**
15 **Defense Generally**

16 **SEC. 901. RESPONSIBILITY OF THE CHIEF INFORMATION**
17 **OFFICER OF THE DEPARTMENT OF DEFENSE**
18 **FOR RISK MANAGEMENT ACTIVITIES RE-**
19 **GARDING SUPPLY CHAIN FOR INFORMATION**
20 **TECHNOLOGY SYSTEMS.**

21 Section 142(b)(1) of title 10, United States Code, is
22 amended—

23 (1) in subparagraph (H), by striking “and” at
24 the end;

1 (2) in subparagraph (I), by striking the period
2 at the end and inserting a semicolon; and

3 (3) by adding at the end the following new sub-
4 paragraph:

5 “(J) has the responsibilities for policy, over-
6 sight, guidance, and coordination for risk manage-
7 ment activities for the Department regarding the
8 supply chain for information technology systems.”.

9 **SEC. 902. REPEAL OF OFFICE OF CORROSION POLICY AND**
10 **OVERSIGHT.**

11 (a) REPEAL.—Section 2228 of title 10, United States
12 Code, is repealed.

13 (b) CLERICAL AMENDMENT.—The table of sections
14 at the beginning of chapter 131 of title 10, United States
15 Code, is amended by striking the item relating to section
16 2228.

17 **SEC. 903. DESIGNATION OF CORROSION CONTROL AND**
18 **PREVENTION EXECUTIVES FOR THE MILI-**
19 **TARY DEPARTMENTS.**

20 (a) DEPARTMENT OF THE ARMY.—

21 (1) DESIGNATION.—Chapter 303 of title 10,
22 United States Code, is amended by adding at the
23 end the following new section:

1 **“§ 3025. Corrosion control and prevention executive**

2 “(a) DESIGNATION.—(1) There is a corrosion control
3 and prevention executive in the Department of the Army.
4 The Assistant Secretary of the Army for Acquisition,
5 Technology, and Logistics shall designate the corrosion
6 control and prevention executive.

7 “(2) In addition to the duties assigned under sub-
8 section (c), the principal responsibility of the civilian em-
9 ployee designated as the corrosion control and prevention
10 executive shall be coordinating Department of the Army
11 corrosion control and prevention program activities (in-
12 cluding budget programming) with the Department and
13 the Office of the Secretary of Defense, the program execu-
14 tive officers of the Department, and relevant major subor-
15 dinate commands of the Department.

16 “(3) The corrosion control and prevention executive
17 shall be a civilian employee of the Department in the grade
18 GS-15 or higher of the General Schedule.

19 “(b) QUALIFICATIONS.—In order to qualify for des-
20 ignation as the corrosion control and prevention executive
21 in the Department of the Army, an individual shall, at
22 a minimum—

23 “(1) have a working knowledge of corrosion
24 prevention and control;

25 “(2) have strong program management and
26 communication skills; and

1 “(3) understand the acquisition, research and
2 development, test and evaluation, and sustainment
3 policies and procedures across the Department, in-
4 cluding sustainment of infrastructure.

5 “(c) DUTIES.—(1) The corrosion control and preven-
6 tion executive in the Department of the Army shall ensure
7 that corrosion control and prevention is maintained in the
8 Department’s policy and guidance for management of each
9 of the following:

10 “(A) System acquisition and production, includ-
11 ing design and maintenance.

12 “(B) Research, development, test, and evalua-
13 tion programs and activities.

14 “(C) Equipment standardization programs, in-
15 cluding international standardization agreements.

16 “(D) Logistics research and development initia-
17 tives.

18 “(E) Logistics support analysis as it relates to
19 integrated logistic support in the materiel acquisition
20 process.

21 “(F) Military infrastructure design, construc-
22 tion, and maintenance.

23 “(2) The corrosion control and prevention executive
24 in the Department shall be responsible for identifying the

1 funding levels necessary to accomplish the items specified
2 in paragraph (1).

3 “(3) In cooperation with the appropriate staff of the
4 Department, the corrosion control and prevention execu-
5 tive in the Department shall, develop, support, and provide
6 the rationale for resources—

7 “(A) to initiate and sustain an effective corro-
8 sion control and prevention program in the Depart-
9 ment;

10 “(B) to evaluate the program’s effectiveness;
11 and

12 “(C) to ensure that corrosion control and pre-
13 vention requirements for materiel are reflected in
14 budgeting and policies of the Department for the
15 formulation, management, and evaluation of per-
16 sonnel and programs for the entire Department, in-
17 cluding the Army Reserve and the Army National
18 Guard.

19 “(4) The corrosion control and prevention executive
20 in the Department shall submit an annual report, not later
21 than December 31 of each year, to the Secretary of the
22 Army and the Secretary of Defense containing rec-
23 ommendations pertaining to the corrosion control and pre-
24 vention program of the Department, including corrosion-

1 related funding levels to carry out all of the duties of the
2 executive under this section.

3 “(5) The corrosion control and prevention executive
4 in the Department may not be assigned other duties that
5 may interfere with the duties specified in this subsection
6 and the principal responsibility assigned under subsection
7 (a)(2).”.

8 (2) CLERICAL AMENDMENT.—The table of sec-
9 tions at the beginning of chapter 303 of title 10,
10 United States Code, is amended by adding at the
11 end the following new item:

“3025. Corrosion control and prevention executive.”.

12 (b) DEPARTMENT OF THE NAVY.—

13 (1) DESIGNATION.—Chapter 503 of title 10,
14 United States Code, is amended by adding at the
15 end the following new section:

16 **“§ 5029. Corrosion control and prevention executive**

17 “(a) DESIGNATION.—(1) There is a corrosion control
18 and prevention executive in the Department of the Navy.
19 The Assistant Secretary of the Navy for Research, Devel-
20 opment, and Acquisition shall designate the corrosion con-
21 trol and prevention executive.

22 “(2) In addition to the duties assigned under sub-
23 section (c), the principal responsibility of the civilian em-
24 ployee designated as the corrosion control and prevention
25 executive shall be coordinating Department of the Navy

1 corrosion control and prevention program activities (in-
2 cluding budget programming) with the Department and
3 the Office of the Secretary of Defense, the program execu-
4 tive officers of the Department, and relevant major subor-
5 dinate commands of the Department.

6 “(3) The corrosion control and prevention executive
7 shall be a civilian employee of the Department in the grade
8 GS-15 or higher of the General Schedule.

9 “(b) QUALIFICATIONS.—In order to qualify for des-
10 ignation as the corrosion control and prevention executive
11 in the Department of the Navy, an individual shall, at a
12 minimum—

13 “(1) have a working knowledge of corrosion
14 prevention and control;

15 “(2) have strong program management and
16 communication skills; and

17 “(3) understand the acquisition, research and
18 development, test and evaluation, and sustainment
19 policies and procedures across the Department, in-
20 cluding sustainment of infrastructure.

21 “(c) DUTIES.—(1) The corrosion control and preven-
22 tion executive in the Department of the Navy shall ensure
23 that corrosion control and prevention is maintained in the
24 Department’s policy and guidance for management of each
25 of the following:

1 “(A) System acquisition and production, includ-
2 ing design and maintenance.

3 “(B) Research, development, test, and evalua-
4 tion programs and activities.

5 “(C) Equipment standardization programs, in-
6 cluding international standardization agreements.

7 “(D) Logistics research and development initia-
8 tives.

9 “(E) Logistics support analysis as it relates to
10 integrated logistic support in the materiel acquisition
11 process.

12 “(F) Military infrastructure design, construc-
13 tion, and maintenance.

14 “(2) The corrosion control and prevention executive
15 in the Department shall be responsible for identifying the
16 funding levels necessary to accomplish the items specified
17 in paragraph (1).

18 “(3) In cooperation with the appropriate staff of the
19 Department, the corrosion control and prevention execu-
20 tive in the Department shall, develop, support, and provide
21 the rationale for resources—

22 “(A) to initiate and sustain an effective corro-
23 sion control and prevention program in the Depart-
24 ment;

1 “(B) to evaluate the program’s effectiveness;
2 and

3 “(C) to ensure that corrosion control and pre-
4 vention requirements for materiel are reflected in
5 budgeting and policies of the Department for the
6 formulation, management, and evaluation of per-
7 sonnel and programs for the entire Department, in-
8 cluding the Navy Reserve and the Marine Corps Re-
9 serve.

10 “(4) The corrosion control and prevention executive
11 in the Department shall submit an annual report, not later
12 than December 31 of each year, to the Secretary of the
13 Navy and the Secretary of Defense containing rec-
14 ommendations pertaining to the corrosion control and pre-
15 vention program of the Department, including corrosion-
16 related funding levels to carry out all of the duties of the
17 executive under this section.

18 “(5) The corrosion control and prevention executive
19 in the Department may not be assigned other duties that
20 may interfere with the duties specified in this subsection
21 and the principal responsibility assigned under subsection
22 (a)(2).”.

23 (2) CLERICAL AMENDMENT.—The table of sec-
24 tions at the beginning of chapter 503 of title 10,

1 United States Code, is amended by adding at the
2 end the following new item:

“5029. Corrosion control and prevention executive.”.

3 (c) DEPARTMENT OF THE AIR FORCE.—

4 (1) DESIGNATION.—Chapter 803 of title 10,
5 United States Code, is amended by adding at the
6 end the following new section:

7 **“§ 8025. Corrosion control and prevention executive**

8 “(a) DESIGNATION.—(1) There is a corrosion control
9 and prevention executive in the Department of the Air
10 Force. The Assistant Secretary of the Air Force for Acqui-
11 sition, Technology, and Logistics shall designate the corro-
12 sion control and prevention executive.

13 “(2) In addition to the duties assigned under sub-
14 section (c), the principal responsibility of the civilian em-
15 ployee designated as the corrosion control and prevention
16 executive shall be coordinating Department of the Air
17 Force corrosion control and prevention program activities
18 (including budget programming) with the Department and
19 the Office of the Secretary of Defense, the program execu-
20 tive officers of the Department, and relevant major subor-
21 dinate commands of the Department.

22 “(3) The corrosion control and prevention executive
23 shall be a civilian employee of the Department in the grade
24 GS-15 or higher of the General Schedule.

1 “(b) QUALIFICATIONS.—In order to qualify for des-
2 ignation as the corrosion control and prevention executive
3 in the Department of the Air Force, an individual shall,
4 at a minimum—

5 “(1) have a working knowledge of corrosion
6 prevention and control;

7 “(2) have strong program management and
8 communication skills; and

9 “(3) understand the acquisition, research and
10 development, test and evaluation, and sustainment
11 policies and procedures across the Department, in-
12 cluding sustainment of infrastructure.

13 “(c) DUTIES.—(1) The corrosion control and preven-
14 tion executive in the Department of the Air Force shall
15 ensure that corrosion control and prevention is maintained
16 in the Department’s policy and guidance for management
17 of each of the following:

18 “(A) System acquisition and production, includ-
19 ing design and maintenance.

20 “(B) Research, development, test, and evalua-
21 tion programs and activities.

22 “(C) Equipment standardization programs, in-
23 cluding international standardization agreements.

24 “(D) Logistics research and development initia-
25 tives.

1 “(E) Logistics support analysis as it relates to
2 integrated logistic support in the materiel acquisition
3 process.

4 “(F) Military infrastructure design, construc-
5 tion, and maintenance.

6 “(2) The corrosion control and prevention executive
7 in the Department shall be responsible for identifying the
8 funding levels necessary to accomplish the items specified
9 in paragraph (1).

10 “(3) In cooperation with the appropriate staff of the
11 Department, the corrosion control and prevention execu-
12 tive in the Department shall, develop, support, and provide
13 the rationale for resources—

14 “(A) to initiate and sustain an effective corro-
15 sion control and prevention program in the Depart-
16 ment;

17 “(B) to evaluate the program’s effectiveness;
18 and

19 “(C) to ensure that corrosion control and pre-
20 vention requirements for materiel are reflected in
21 budgeting and policies of the Department for the
22 formulation, management, and evaluation of per-
23 sonnel and programs for the entire Department, in-
24 cluding the Air Force Reserve and the Air National
25 Guard.

1 “(4) The corrosion control and prevention executive
2 in the Department shall submit an annual report, not later
3 than December 31 of each year, to the Secretary of the
4 Air Force and the Secretary of Defense containing rec-
5 ommendations pertaining to the corrosion control and pre-
6 vention program of the Department, including corrosion-
7 related funding levels to carry out all of the duties of the
8 executive under this section.

9 “(5) The corrosion control and prevention executive
10 in the Department may not be assigned other duties that
11 may interfere with the duties specified in this subsection
12 and the principal responsibility assigned under subsection
13 (a)(2).”.

14 (2) CLERICAL AMENDMENT.—The table of sec-
15 tions at the beginning of chapter 803 of title 10,
16 United States Code, is amended by adding at the
17 end the following new item:

“8025. Corrosion control and prevention executive.”.

18 (d) REPEAL OF REPLACED PROVISION.—Effective 90
19 days after the date of the enactment of this Act, section
20 903 of the Duncan Hunter National Defense Authoriza-
21 tion Act for Fiscal Year 2009 (Public Law 110–117; 10
22 U.S.C. 2228 note) is repealed.

23 (e) DEADLINE FOR DESIGNATION.—Corrosion con-
24 trol and prevention executives who satisfy the qualifica-
25 tions specified in subsection (b) of sections 3025, 5029,

1 and 8025 of title 10, United States Code, as added by
2 this section, shall be designated not later than 90 days
3 after the date of the enactment of this Act.

4 **SEC. 904. MAINTAINING CIVILIAN WORKFORCE CAPABILI-**
5 **TIES TO SUSTAIN READINESS, THE ALL VOL-**
6 **UNTEER FORCE, AND OPERATIONAL EFFEC-**
7 **TIVENESS.**

8 Section 912(a)(2) of the National Defense Authoriza-
9 tion Act for Fiscal Year 2017 (Public Law 114–328) is
10 amended by adding at the end the following new subpara-
11 graphs:

12 “(D) The minimum civilian end strength
13 specified in section 691 of title 10, United
14 States Code, needed to support the national
15 military strategy.

16 “(E) A civilian operating force structure
17 sized for operational effectiveness, that is
18 manned, equipped and trained to support de-
19 ployment time and rotation ratios sized to sus-
20 tain the readiness and needed retention levels
21 for the regular and reserve components accord-
22 ing to the judgment of the Joint Chiefs of Staff
23 in fulfillment of their responsibilities under sec-
24 tions 151, 3033, 5033, 8033 and 5044 of title
25 10, United States Code.

1 “(F) The development of civilian workforce
2 levels to ensure that every proposal to change
3 military force structure is accompanied with the
4 associated civilian force structure changes need-
5 ed to support that military force structure.

6 “(G) The hiring authorities and other ac-
7 tions that the Secretary of Defense or the Sec-
8 retary of the military department will take to
9 eliminate any gaps between desired pro-
10 grammed civilian workforce levels and the exist-
11 ing size of the civilian workforce by mission and
12 functional area.

13 “(H) A civilian workforce plan that is con-
14 sistent with the total force management re-
15 quirements of sections 129 and 129a of title 10,
16 United States Code.”.

17 **Subtitle B—Designation of the**
18 **Navy and Marine Corps**

19 **SEC. 911. REDESIGNATION OF THE DEPARTMENT OF THE**
20 **NAVY AS THE DEPARTMENT OF THE NAVY**
21 **AND MARINE CORPS.**

22 (a) REDESIGNATION OF MILITARY DEPARTMENT.—
23 The military department designated as the Department of
24 the Navy is redesignated as the Department of the Navy
25 and Marine Corps.

1 (b) REDESIGNATION OF SECRETARY AND OTHER
2 STATUTORY OFFICES.—

3 (1) SECRETARY.—The position of the Secretary
4 of the Navy is redesignated as the Secretary of the
5 Navy and Marine Corps.

6 (2) OTHER STATUTORY OFFICES.—The posi-
7 tions of the Under Secretary of the Navy, the four
8 Assistant Secretaries of the Navy, and the General
9 Counsel of the Department of the Navy are redesi-
10 gnated as the Under Secretary of the Navy and Ma-
11 rine Corps, the Assistant Secretaries of the Navy
12 and Marine Corps, and the General Counsel of the
13 Department of the Navy and Marine Corps, respec-
14 tively.

15 **SEC. 912. CONFORMING AMENDMENTS TO TITLE 10, UNITED**
16 **STATES CODE.**

17 (a) DEFINITION OF “MILITARY DEPARTMENT”.—
18 Paragraph (8) of section 101(a) of title 10, United States
19 Code, is amended to read as follows:

20 “(8) The term ‘military department’ means the
21 Department of the Army, the Department of the
22 Navy and Marine Corps, and the Department of the
23 Air Force.”.

24 (b) ORGANIZATION OF DEPARTMENT.—The text of
25 section 5011 of such title is amended to read as follows:

1 “The Department of the Navy and Marine Corps is sepa-
2 rately organized under the Secretary of the Navy and Ma-
3 rine Corps.”.

4 (c) POSITION OF SECRETARY.—Section 5013(a)(1) of
5 such title is amended by striking “There is a Secretary
6 of the Navy” and inserting “There is a Secretary of the
7 Navy and Marine Corps”.

8 (d) CHAPTER HEADINGS.—

9 (1) The heading of chapter 503 of such title is
10 amended to read as follows:

11 **“CHAPTER 503—DEPARTMENT OF THE**
12 **NAVY AND MARINE CORPS”.**

13 (2) The heading of chapter 507 of such title is
14 amended to read as follows:

15 **“CHAPTER 507—COMPOSITION OF THE DE-**
16 **PARTMENT OF THE NAVY AND MARINE**
17 **CORPS”.**

18 (e) OTHER AMENDMENTS.—

19 (1) Title 10, United States Code, is amended by
20 striking “Department of the Navy” and “Secretary
21 of the Navy” each place they appear other than as
22 specified in subsections (a), (b), (c), and (d) (includ-
23 ing in section headings, subsection captions, tables
24 of chapters, and tables of sections) and inserting
25 “Department of the Navy and Marine Corps” and

1 “Secretary of the Navy and Marine Corps”, respec-
2 tively, in each case with the matter inserted to be in
3 the same typeface and typestyle as the matter strick-
4 en.

5 (2)(A) Sections 5013(f), 5014(b)(2), 5016(a),
6 5017(2), 5032(a), and 5042(a) of such title are
7 amended by striking “Assistant Secretaries of the
8 Navy” and inserting “Assistant Secretaries of the
9 Navy and Marine Corps”.

10 (B) The heading of section 5016 of such title,
11 and the item relating to such section in the table of
12 sections at the beginning of chapter 503 of such
13 title, are each amended by inserting “and Marine
14 Corps” after “of the Navy”, with the matter in-
15 serted in each case to be in the same typeface and
16 typestyle as the matter amended.

17 **SEC. 913. OTHER PROVISIONS OF LAW AND OTHER REF-**
18 **ERENCES.**

19 (a) TITLE 37, UNITED STATES CODE.—Title 37,
20 United States Code, is amended by striking “Department
21 of the Navy” and “Secretary of the Navy” each place they
22 appear and inserting “Department of the Navy and Ma-
23 rine Corps” and “Secretary of the Navy and Marine
24 Corps”, respectively.

1 (b) OTHER REFERENCES.—Any reference in any law
2 other than in title 10 or title 37, United States Code, or
3 in any regulation, document, record, or other paper of the
4 United States, to the Department of the Navy shall be
5 considered to be a reference to the Department of the
6 Navy and Marine Corps. Any such reference to an office
7 specified in section 911(b) shall be considered to be a ref-
8 erence to that office as redesignated by that section.

9 **SEC. 914. EFFECTIVE DATE.**

10 This subtitle and the amendments made by this sub-
11 title shall take effect on the first day of the first month
12 beginning more than 60 days after the date of the enact-
13 ment of this Act.

14 **Subtitle C—Other Matters**

15 **SEC. 921. TRANSITION OF THE OFFICE OF THE SECRETARY**
16 **OF DEFENSE TO REFLECT ESTABLISHMENT**
17 **OF POSITIONS OF UNDER SECRETARY OF DE-**
18 **FENSE FOR RESEARCH AND ENGINEERING,**
19 **UNDER SECRETARY OF DEFENSE FOR ACQUI-**
20 **SITION AND SUSTAINMENT, AND CHIEF MAN-**
21 **AGEMENT OFFICER.**

22 (a) REFERENCES TO POSITIONS PENDING EXECUC-
23 TION OF AMENDMENTS.—Until February 1, 2018, any
24 reference in this Act, or an amendment made by this
25 Act—

1 (1) to the position of Under Secretary of De-
2 fense for Research and Engineering, to be estab-
3 lished by the amendment made by section 901(a) of
4 the National Defense Authorization Act for Fiscal
5 Year 2017 (Public Law 114–328; 130 Stat. 2339),
6 shall be deemed to be a reference to the Under Sec-
7 retary of Defense for Acquisition, Technology, and
8 Logistics under section 133 of title 10, United
9 States Code;

10 (2) to the position of Under Secretary of De-
11 fense for Acquisition and Sustainment, to be estab-
12 lished by the amendment made by section 901(b) of
13 the National Defense Authorization Act for Fiscal
14 Year 2017 (Public Law 114–328; 130 Stat. 2340),
15 shall be deemed to be a reference to the Under Sec-
16 retary of Defense for Acquisition, Technology, and
17 Logistics under section 133 of title 10, United
18 States Code; and

19 (3) to the position of Chief Management Officer
20 of the Department of Defense, to be established by
21 section 901(c) of the National Defense Authorization
22 Act for Fiscal Year 2017 (Public Law 114–328; 130
23 Stat. 2341; 10 U.S.C. 131 note), shall be deemed to
24 be a reference to the Deputy Secretary of Defense
25 under section 132 of title 10, United States Code.

1 (b) SERVICE OF INCUMBENTS.—

2 (1) PRINCIPAL DEPUTY UNDER SECRETARY OF
3 DEFENSE FOR ACQUISITION, TECHNOLOGY, AND LO-
4 GISTICS.—The individual serving as Principal Dep-
5 uty Under Secretary of Defense for Acquisition,
6 Technology, and Logistics under section 137a(c)(1)
7 of title 10, United States Code, as of February 1,
8 2018, may continue to serve as Under Secretary of
9 Defense for Acquisition and Sustainment com-
10 mencing as of that date, without further appoint-
11 ment under section 133b of such title, as added by
12 section 901(b) of the National Defense Authoriza-
13 tion Act for Fiscal Year 2017 (Public Law 114–328;
14 130 Stat. 2340).

15 (2) DEPUTY CHIEF MANAGEMENT OFFICER.—
16 The individual serving as Deputy Chief Management
17 Officer of the Department of Defense under section
18 132a of title 10, United States Code, as of February
19 1, 2018, may continue to serve as Chief Manage-
20 ment Officer commencing as of that date, without
21 further appointment under section 901(c) of the Na-
22 tional Defense Authorization Act for Fiscal Year
23 2017 (Public Law 114–328; 130 Stat. 2341; 10
24 U.S.C. 131 note).

1 **SEC. 922. EXTENSION OF DEADLINES FOR REPORTING AND**
2 **BRIEFING REQUIREMENTS FOR COMMISSION**
3 **ON THE NATIONAL DEFENSE STRATEGY FOR**
4 **THE UNITED STATES.**

5 Section 942(e) of the National Defense Authorization
6 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
7 2368) is amended—

8 (1) in paragraph (1), by striking “December 1,
9 2017” and inserting “January 31, 2018”; and

10 (2) in paragraph (2), by striking “June 1,
11 2017” and inserting “September 1, 2017”.

12 **SEC. 923. BRIEFING ON FORCE MANAGEMENT LEVEL POL-**
13 **ICY.**

14 (a) FINDINGS; SENSE OF CONGRESS.—

15 (1) FINDINGS.—Congress finds the following:

16 (A) The force management level policy that
17 previously restricted the total number of mem-
18 bers of the Armed Forces of the United States
19 deployed to Afghanistan increased the cost of
20 operations in Afghanistan.

21 (B) The restriction meant that the Depart-
22 ment of Defense had to substitute available
23 military personnel for costlier contract support.

24 (2) SENSE OF CONGRESS.—It is the sense of
25 Congress that the Department of Defense should
26 discourage the practice of substituting contractor

1 personnel for available members of the Armed
2 Forces when a unit deploys overseas and should re-
3 vise this practice as it pertains to unit deployment
4 to Afghanistan.

5 (b) BRIEFING.—Not later than March 31, 2018, the
6 Secretary of Defense shall provide to the congressional de-
7 fense committees a briefing detailing—

8 (1) the steps that the Secretary is taking to re-
9 vise deployment guidelines to ensure that readiness,
10 unit cohesion, and maintenance are prioritized; and

11 (2) the plan of the Secretary to establish a pol-
12 icy that will avoid to the extent practicable these
13 costly practices in the future.

14 **SEC. 924. SENSE OF CONGRESS ON COOPERATIVE PRO-**
15 **GRAM FOR INFORMATION SECURITY EDU-**
16 **CATION.**

17 It is the sense of Congress that—

18 (1) the Secretary of Defense should provide
19 adequate resources to the Office of the Chief Infor-
20 mation Officer of the Department of Defense and
21 the Defense Procurement Acquisition Policy to en-
22 able such entities to establish a cooperative program
23 with the National Institute of Standards and Tech-
24 nology-Manufacturing Extension Partnership; and

1 (2) the cooperative program described in para-
2 graph (1) should—

3 (A) educate and assist small- and medium-
4 sized manufacturing firms in the Department of
5 Defense supply chain in achieving compliance
6 with NIST Special Publication 800–171 titled
7 “Protecting Controlled Unclassified Information
8 in Nonfederal Information Systems and Organi-
9 zations” as such publication is incorporated
10 into the Defense Federal Acquisition Regulation
11 Supplement;

12 (B) highlight the resources available to
13 businesses that have contracts with the Depart-
14 ment or that are applying for such contracts;
15 and

16 (C) educate such businesses on—

17 (i) the System Security Plan of the
18 National Institute of Standards and Tech-
19 nology;

20 (ii) the procurement toolbox of the
21 Defense Procurement Acquisition Policy;

22 (iii) the Cyber Security Evaluation
23 Tool of the Department of Homeland Se-
24 curity; and

1 (iv) the risks of using third party
2 companies in assessing compliance with
3 NIST Special Publication 800–171.

4 **SEC. 925. COMPLETION OF DEPARTMENT OF DEFENSE DI-**
5 **RECTIVE 2310.07E REGARDING MISSING PER-**
6 **SONS.**

7 (a) IN GENERAL.—The Secretary of Defense shall
8 make the completion of Department of Defense Directive
9 2310.07E a top priority in order to improve the efficiency
10 of locating missing persons.

11 (b) DEFINITION.—In this section, the term “missing
12 person” has the meaning given such term in section 1513
13 of title 10, United States Code.

14 **SEC. 926. RESPONSIBILITY FOR DEVELOPMENTAL TEST**
15 **AND EVALUATION WITHIN THE OFFICE OF**
16 **THE SECRETARY OF DEFENSE.**

17 (a) BRIEFING ON PLANS TO ADDRESS DEVELOP-
18 MENTAL TEST AND EVALUATION RESPONSIBILITIES
19 WITHIN THE OFFICE OF THE SECRETARY OF DE-
20 FENSE.—

21 (1) IN GENERAL.—Not later than 60 days after
22 the date of the enactment of this Act, the Secretary
23 of Defense shall provide a briefing to the Committee
24 on Armed Services of the House of Representatives
25 on a strategy to ensure that there is sufficient exper-

1 tise, oversight, and policy direction on developmental
2 test and evaluation within the Office of the Sec-
3 retary of Defense after the completion of the reorga-
4 nization of such Office required under section 901 of
5 the National Defense Authorization Act for Fiscal
6 Year 2017 (Public Law 114–328; 130 Stat. 2339).

7 (2) ELEMENTS.—The briefing required by
8 paragraph (1) shall address the following:

9 (A) The structure of the roles and respon-
10 sibilities of the senior Department of Defense
11 official responsible for developmental test and
12 evaluation.

13 (B) The location of the senior Department
14 of Defense official responsible for developmental
15 test and evaluation within the organizational
16 structure of the Office of the Secretary of De-
17 fense.

18 (C) An estimate of personnel and other re-
19 sources that should be made available to the
20 senior Department of Defense official respon-
21 sible for developmental test and evaluation to
22 ensure that such official can provide inde-
23 pendent expertise, oversight, and policy direc-
24 tion and guidance Department of Defense-wide.

1 (D) Methods to ensure that the senior De-
2 partment of Defense official responsible for de-
3 velopmental test and evaluation will be empow-
4 ered to facilitate Department of Defense-wide
5 efficiencies by helping programs to optimize test
6 designs.

7 (E) Methods to ensure that an advocate
8 for test and evaluation workforce will continue
9 to exist within the acquisition workforce.

10 (b) SENSE OF CONGRESS.—It is the sense of Con-
11 gress that—

12 (1) developmental testing is critical to reducing
13 acquisition program risk by providing valuable infor-
14 mation to support sound decision making;

15 (2) major defense acquisition programs often do
16 not conduct enough developmental testing, so too
17 many problems are first identified during oper-
18 ational testing, when they are expensive and time-
19 consuming to fix; and

20 (3) in order to ensure that effective develop-
21 mental testing is conducted on major defense acqui-
22 sition programs, the Secretary should—

23 (A) carefully consider where the senior De-
24 partment of Defense official responsible for de-
25 velopmental test and evaluation is located with-

1 in the organizational structure of the Office of
2 the Secretary of Defense; and

3 (B) ensure that such official has sufficient
4 authority and resources to provide oversight
5 and policy direction on developmental test and
6 evaluation Department of Defense-wide.

7 **TITLE X—GENERAL PROVISIONS**

8 **Subtitle A—Financial Matters**

9 **SEC. 1001. GENERAL TRANSFER AUTHORITY.**

10 (a) **AUTHORITY TO TRANSFER AUTHORIZATIONS.—**

11 (1) **AUTHORITY.**—Upon determination by the
12 Secretary of Defense that such action is necessary in
13 the national interest, the Secretary may transfer
14 amounts of authorizations made available to the De-
15 partment of Defense in this division for fiscal year
16 2018 between any such authorizations for that fiscal
17 year (or any subdivisions thereof). Amounts of au-
18 thorizations so transferred shall be merged with and
19 be available for the same purposes as the authoriza-
20 tion to which transferred.

21 (2) **LIMITATION.**—Except as provided in para-
22 graph (3), the total amount of authorizations that
23 the Secretary may transfer under the authority of
24 this section may not exceed \$5,000,000,000.

1 (3) EXCEPTION FOR TRANSFERS BETWEEN
2 MILITARY PERSONNEL AUTHORIZATIONS.—A trans-
3 fer of funds between military personnel authoriza-
4 tions under title IV shall not be counted toward the
5 dollar limitation in paragraph (2).

6 (b) LIMITATIONS.—The authority provided by sub-
7 section (a) to transfer authorizations—

8 (1) may only be used to provide authority for
9 items that have a higher priority than the items
10 from which authority is transferred; and

11 (2) may not be used to provide authority for an
12 item that has been denied authorization by Con-
13 gress.

14 (c) EFFECT ON AUTHORIZATION AMOUNTS.—A
15 transfer made from one account to another under the au-
16 thority of this section shall be deemed to increase the
17 amount authorized for the account to which the amount
18 is transferred by an amount equal to the amount trans-
19 ferred.

20 (d) NOTICE TO CONGRESS.—The Secretary shall
21 promptly notify Congress of each transfer made under
22 subsection (a).

1 **SEC. 1002. PREPARATION OF CONSOLIDATED CORRECTIVE**
2 **ACTION PLAN AND IMPLEMENTATION OF**
3 **CENTRALIZED REPORTING SYSTEM.**

4 (a) **ESTABLISHMENT.**—In accordance with the rec-
5 ommendations included in the Government Accountability
6 Office report numbered GAO-17-85 and entitled “DOD
7 Financial Management: Significant Efforts Still Needed
8 for Remediating Audit Readiness Deficiencies”, the Under
9 Secretary of Defense (Comptroller) of the Department of
10 Defense shall—

11 (1) on a bimonthly basis, prepare a consolidated
12 corrective action plan management summary on the
13 status of all corrective actions plans related to crit-
14 ical capabilities for the military services and for the
15 service providers and other defense organizations;
16 and

17 (2) develop and implement a centralized moni-
18 toring and reporting process that captures and
19 maintains up-to-date information, including the
20 standard data elements recommended in the imple-
21 mentation guide for Office of Management and
22 Budget Circular A-123, for all corrective action
23 plans and findings and recommendations Depart-
24 ment-wide that pertain to critical capabilities.

25 (b) **EFFECTIVE DATE.**—Subsection (a) shall take ef-
26 fect on October 1, 2017.

1 **SEC. 1003. ADDITIONAL REQUIREMENTS RELATING TO DE-**
2 **PARTMENT OF DEFENSE AUDITS.**

3 (a) FINANCIAL IMPROVEMENT AUDIT READINESS
4 PLAN.—Section 1003(a)(2)(A)(ii) of the National Defense
5 Authorization Act for Fiscal Year 2010 (Public Law 111–
6 84; 10 U.S.C. 2222 note) is amended by striking “are vali-
7 dated as ready for audit by not later than September 30,
8 2017” and inserting “go under full financial statement
9 audit beginning September 30, 2017, and that the depart-
10 ment leadership make every effort to reach an unmodified
11 opinion as soon as possible”.

12 (b) AUDIT OF FISCAL YEAR 2018 FINANCIAL STATE-
13 MENTS.—Section 1003(a) of the National Defense Au-
14 thorization Act for Fiscal Year 2014 (Public Law 113–
15 66; 10 U.S.C. 2222 note) is amended by striking “are vali-
16 dated as ready for audit by not later than” and inserting
17 “go under full financial statement audit beginning”.

18 **SEC. 1004. AMENDMENTS TO DEPARTMENT OF DEFENSE FI-**
19 **NANCIAL AUDIT PLAN.**

20 (a) AMENDMENT TO NAME OF DEPARTMENT OF DE-
21 FENSE FINANCIAL AUDIT PLAN.—

22 (1) IN GENERAL.—Section 1003 of the Na-
23 tional Defense Authorization Act for Fiscal Year
24 2010 (Public Law 111–84; 10 U.S.C. 2222 note) is
25 amended by striking “Financial Improvement and
26 Audit Readiness Plan” each place such term appears

1 in heading and text and inserting “Financial Im-
2 provement and Audit Remediation Plan”.

3 (2) CONFORMING AMENDMENT.—Section
4 1003(a) of the National Defense Authorization Act
5 for Fiscal Year 2014 (Public Law 113–66; 10
6 U.S.C. 2222 note) is amended by striking “Finan-
7 cial Improvement and Audit Readiness Plan” each
8 place such term appears in heading and text and in-
9 serting “Financial Improvement and Audit Remedi-
10 ation Plan”

11 (b) REPORT AND BRIEFING REQUIREMENTS.—

12 (1) IN GENERAL.—Subsection (b) of section
13 1003 of the National Defense Authorization Act for
14 Fiscal Year 2010 (Public Law 111–84; 10 U.S.C.
15 2222 note) is amended to read as follows:

16 “(b) REPORT AND BRIEFING REQUIREMENTS.—

17 “(1) ANNUAL REPORT.—

18 “(A) IN GENERAL.—Not later than March
19 31, 2019, and annually thereafter, the Under
20 Secretary of Defense (Comptroller) shall submit
21 to the congressional defense committees a re-
22 port on the status of the implementation by the
23 Department of Defense of the Financial Im-
24 provement and Audit Remediation Plan re-
25 quired by subsection (a).

1 “(B) ELEMENTS.—Each report under sub-
2 paragraph (A) shall include, at a minimum—

3 “(i) an analysis of the consolidated
4 corrective action plan management sum-
5 mary prepared pursuant to section 1002 of
6 this Act; and

7 “(ii) current Department of Defense-
8 wide information on the status of correc-
9 tive actions plans related to critical capa-
10 bilities and material weaknesses, including
11 the standard data elements recommended
12 in the implementation guide for Office of
13 Management and Budget Circular A-123,
14 for the armed forces, military departments,
15 and Defense Agencies.

16 “(2) SEMIANNUAL BRIEFINGS.—Not later than
17 March 31 and October 31 each year, the Under Sec-
18 retary of Defense (Comptroller) and the Comptrol-
19 lers of the military departments shall provide a
20 briefing to the congressional defense committees on
21 the status of the corrective action plan.

22 “(3) CRITICAL CAPABILITIES DEFINED.—In
23 this subsection, the term ‘critical capabilities’ means
24 the critical capabilities described in the Department
25 of Defense report titled ‘Financial Improvement and

1 Audit Readiness (FIAR) Plan Status Report’ and
2 dated May 2016.”.

3 (2) CONFORMING AMENDMENTS.—

4 (A) The Ike Skelton National Defense Au-
5 thorization Act for Fiscal Year 2011 (Public
6 Law 111–383; 10 U.S.C. 2222 note) is amend-
7 ed by striking section 881.

8 (B) The National Defense Authorization
9 Act for Fiscal Year 2012 (Public Law 112–81;
10 10 U.S.C. 2222 note) is amended by striking
11 section 1003.

12 (C) Section 1005(b) of the National De-
13 fense Authorization Act for Fiscal Year 2013
14 (Public Law 112–239; 10 U.S.C. 2222 note) is
15 amended by striking paragraph (2).

16 (c) EFFECTIVE DATE.—Subsection (b) shall take ef-
17 fect December 1, 2017.

18 **SEC. 1005. REPORT ON AUDITABLE FINANCIAL STATE-**
19 **MENTS.**

20 Not later than 30 days after the date of the enact-
21 ment of this Act, the Secretary of Defense shall submit
22 to the congressional defense committees a report ranking
23 all military departments and Defense Agencies in order
24 of how advanced they are in achieving auditable financial
25 statements as required by law. The report should not in-

1 clude information otherwise available in other reports to
2 Congress.

3 **Subtitle B—Naval Vessels and**
4 **Shipyards**

5 **SEC. 1011. NATIONAL DEFENSE SEALIFT FUND.**

6 (a) **FUND PURPOSES; DEPOSITS.**—Section 2218 of
7 title 10, United States Code, is amended—

8 (1) in subsection (c)—

9 (A) in paragraph (1)—

10 (i) by striking subparagraph (D); and

11 (ii) by redesignating subparagraph

12 (E) as subparagraph (D);

13 (B) in paragraph (3), by striking “or (D)”;

14 and

15 (2) in subsection (d)—

16 (A) in paragraph (1)—

17 (i) in subparagraph (B), by inserting

18 “and” after the semicolon;

19 (ii) in subparagraph (C), by striking

20 “; and” and inserting a period; and

21 (iii) by striking subparagraph (D);

22 (B) by striking paragraph (2);

23 (C) by redesignating paragraph (3) as

24 paragraph (2); and

1 (D) by adding at the end the following new
2 paragraph (3):

3 “(3) Any other funds made available to the De-
4 partment of Defense to carry out any of the pur-
5 poses described in subsection (c).”.

6 (b) AUTHORITY TO PURCHASE USED VESSELS.—
7 Subsection (f) of such section is amended by adding at
8 the end the following new paragraph:

9 “(3)(A) Notwithstanding the limitations under sub-
10 section (c)(1)(E) and paragraph (1), the Secretary of De-
11 fense may, as part of a program to recapitalize the Ready
12 Reserve Force component of the national defense reserve
13 fleet and the Military Sealift Command surge fleet, pur-
14 chase any used vessel, regardless of where such vessel was
15 constructed if such vessel—

16 “(i) participated in the Maritime Security Fleet;
17 and

18 “(ii) is available for purchase at a reasonable
19 cost, as determined by the Secretary.

20 “(B) If the Secretary determines that no used vessel
21 meeting the requirements under clauses (i) and (ii) of sub-
22 paragraph (A) is available, the Secretary may purchase
23 a used vessel comparable to a vessel described in clause
24 (i) of subparagraph (A), regardless of the source of the
25 vessel or where the vessel was constructed, if such vessel

1 is available for purchase at a reasonable cost, as deter-
2 mined by the Secretary.

3 “(C) The Secretary may not use the authority under
4 this paragraph to purchase more than five additional for-
5 eign constructed ships. Any such ships may not be pur-
6 chased at a rate that exceeds one vessel constructed out-
7 side the United States for every new Department of De-
8 fense sealift vessel authorized by law to be constructed.

9 “(D) Prior to the purchase of any vessel that was
10 not constructed in the United States, the Secretary, in
11 consultation with the Maritime Administrator, shall certify
12 that there is no vessel available for purchase at a reason-
13 able price that—

14 “(i) was constructed in the United States; and

15 “(ii) is suitable for use by the United States for
16 national defense or military purposes in a time of
17 war or national emergency.”.

18 (c) DEFINITION OF MARITIME SECURITY FLEET.—
19 Subsection (k) of such section is amended by adding at
20 the end the following new paragraph:

21 “(5) The term ‘Maritime Security Fleet’ means
22 the fleet established under section 53102(a) of title
23 46.”.

1 **SEC. 1012. NATIONAL DEFENSE SEALIFT FUND: CONSTRU-**
2 **CTION OF NATIONAL ICEBREAKER VESSELS.**

3 Section 2218 of title 10, United States Code, as
4 amended by section 2211, is further amended—

5 (1) in subsection (c)(1), by adding at the end
6 the following new subparagraph:

7 “(E) Construction (including design of vessels),
8 purchase, alteration, and conversion of national ice-
9 breaker vessels.”; and

10 (2) in subsection (d)(1),

11 (A) in subparagraph (B), by striking
12 “and” and the end;

13 (B) in subparagraph (C), by striking the
14 period and inserting “; and”; and

15 (C) by adding at the end the following new
16 subparagraph:

17 “(D) construction (including design of vessels),
18 purchase, alteration, and conversion of national ice-
19 breaker vessels.”.

20 **SEC. 1013. USE OF NATIONAL SEA-BASED DETERRENCE**
21 **FUND FOR MULTIYEAR PROCUREMENT OF**
22 **CERTAIN CRITICAL COMPONENTS.**

23 (a) IN GENERAL.—Subsection (i) of section 2218a of
24 title 10, United States Code, is amended—

1 (1) by striking “the common missile compart-
2 ment” each place it appears and inserting “critical
3 components”; and

4 (2) in paragraph (1), by striking “critical parts,
5 components, systems, and subsystems” and inserting
6 “critical components”.

7 (b) DEFINITION OF CRITICAL COMPONENT.—Sub-
8 section (k) of such section is amended by adding at the
9 end the following new paragraph:

10 “(3) The term ‘critical component’ means
11 any—

12 “(A) any item that is high volume or high
13 value; or

14 “(B) any common missile compartment
15 component, shipyard manufactured component,
16 valve, torpedo tube, or Government furnished
17 equipment, including propulsors and strategic
18 weapons system launchers.”.

19 (c) CLERICAL AMENDMENT.—The subsection head-
20 ing for subsection (i) of such section is amended by strik-
21 ing “OF THE COMMON MISSILE COMPARTMENT”.

22 **SEC. 1014. RESTRICTIONS ON THE OVERHAUL AND REPAIR**
23 **OF VESSELS IN FOREIGN SHIPYARDS.**

24 (a) IN GENERAL.—Section 7310(b)(1) of title 10,
25 United States Code, is amended—

1 (1) by striking “In the case” and inserting “(A)
2 Except as provided in subparagraph (B), in the
3 case”;

4 (2) by striking “during the 15-month” and all
5 that follows through “United States”;

6 (3) by inserting before the period at the end the
7 following: “, other than in the case of voyage re-
8 pairs”; and

9 (4) by adding at the end the following new sub-
10 paragraph:

11 “(B) The Secretary of the Navy may waive the appli-
12 cation of subparagraph (A) to a contract award if the Sec-
13 retary determines that the waiver is essential to the na-
14 tional security interests of the United States.”.

15 (b) EFFECTIVE DATE.—The amendments made by
16 subsection (a) shall take effect on the later of the following
17 dates:

18 (1) The date of the enactment of the National
19 Defense Authorization Act for Fiscal Year 2019.

20 (2) October 1, 2018.

21 **SEC. 1015. AVAILABILITY OF FUNDS FOR RETIREMENT OR**
22 **INACTIVATION OF TICONDEROGA-CLASS**
23 **CRUISERS OR DOCK LANDING SHIPS.**

24 None of the funds authorized to be appropriated by
25 this Act or otherwise made available for the Department

1 of Defense for fiscal year 2018 may be obligated or ex-
2 pended—

3 (1) to retire, prepare to retire, or inactivate a
4 cruiser or dock landing ship; or

5 (2) to place more than six cruisers and one
6 dock landing ship in the modernization program
7 under section 1026(a)(2) of the Carl Levin and
8 Howard P. “Buck” McKeon National Defense Au-
9 thorization Act for Fiscal Year 2015 (Public Law
10 113–291; 128 Stat. 3490).

11 **SEC. 1016. POLICY OF THE UNITED STATES ON MINIMUM**
12 **NUMBER OF BATTLE FORCE SHIPS.**

13 It shall be the policy of the United States to have
14 available, as soon as practicable, not fewer than 355 battle
15 force ships, with funding subject to the annual authoriza-
16 tion of appropriation and the annual appropriation of
17 funds.

18 **Subtitle C—Counterterrorism**

19 **SEC. 1021. TERMINATION OF REQUIREMENT TO SUBMIT AN-**
20 **NUAL BUDGET JUSTIFICATION DISPLAY FOR**
21 **DEPARTMENT OF DEFENSE COMBATING TER-**
22 **RORISM PROGRAM.**

23 Section 229 of title 10, United States Code, is
24 amended by adding at the end the following new sub-
25 section:

1 “(e) **TERMINATION.**—The requirement to submit a
2 budget justification display under this section shall termi-
3 nate on December 31, 2020.”.

4 **SEC. 1022. PROHIBITION ON USE OF FUNDS FOR TRANSFER**
5 **OR RELEASE OF INDIVIDUALS DETAINED AT**
6 **UNITED STATES NAVAL STATION, GUANTA-**
7 **NAMO BAY, CUBA TO THE UNITED STATES.**

8 No amounts authorized to be appropriated or other-
9 wise made available for the Department of Defense may
10 be used during the period beginning on the date of the
11 enactment of this Act and ending on December 31, 2018,
12 to transfer, release, or assist in the transfer or release to
13 or within the United States, its territories, or possessions
14 of Khalid Sheikh Mohammed or any other detainee who—

15 (1) is not a United States citizen or a member
16 of the Armed Forces of the United States; and

17 (2) is or was held on or after January 20,
18 2009, at United States Naval Station, Guantanamo
19 Bay, Cuba, by the Department of Defense.

1 **SEC. 1023. PROHIBITION ON USE OF FUNDS TO CONSTRUCT**
2 **OR MODIFY FACILITIES IN THE UNITED**
3 **STATES TO HOUSE DETAINEES TRANS-**
4 **FERRED FROM UNITED STATES NAVAL STA-**
5 **TION, GUANTANAMO BAY, CUBA.**

6 (a) **IN GENERAL.**—No amounts authorized to be ap-
7 propriated or otherwise made available for the Depart-
8 ment of Defense may be used during the period beginning
9 on the date of the enactment of this Act and ending on
10 December 31, 2018, to construct or modify any facility
11 in the United States, its territories, or possessions to
12 house any individual detained at Guantanamo for the pur-
13 poses of detention or imprisonment in the custody or
14 under the control of the Department of Defense.

15 (b) **EXCEPTION.**—The prohibition in subsection (a)
16 shall not apply to any modification of facilities at United
17 States Naval Station, Guantanamo Bay, Cuba.

18 (c) **INDIVIDUAL DETAINED AT GUANTANAMO DE-**
19 **FINED.**—In this section, the term “individual detained at
20 Guantanamo” has the meaning given that term in section
21 1034(f)(2) of the National Defense Authorization Act for
22 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 971; 10
23 U.S.C. 801 note).

1 **SEC. 1024. PROHIBITION ON USE OF FUNDS FOR TRANSFER**
2 **OR RELEASE OF INDIVIDUALS DETAINED AT**
3 **UNITED STATES NAVAL STATION, GUANTA-**
4 **NAMO BAY, CUBA, TO CERTAIN COUNTRIES.**

5 No amounts authorized to be appropriated or other-
6 wise made available for the Department of Defense may
7 be used during the period beginning on the date of the
8 enactment of this Act and ending on December 31, 2018,
9 to transfer, release, or assist in the transfer or release of
10 any individual detained in the custody or under the control
11 of the Department of Defense at United States Naval Sta-
12 tion, Guantanamo Bay, Cuba, to the custody or control
13 of any country, or any entity within such country, as fol-
14 lows:

- 15 (1) Libya.
16 (2) Somalia.
17 (3) Syria.
18 (4) Yemen.

19 **SEC. 1025. BIENNIAL REPORT ON SUPPORT OF SPECIAL**
20 **OPERATIONS TO COMBAT TERRORISM.**

21 Section 127e(g) of title 10, United States Code, is
22 amended—

- 23 (1) in paragraph (1), by striking “March 1”
24 and inserting “120 days after the last day of a fiscal
25 year”; and

1 (2) in paragraph (2) by striking “September 1”
2 and inserting “six months after the date of the sub-
3 mittal of the report most recently submitted under
4 paragraph (1)”.

5 **SEC. 1026. PROHIBITION ON USE OF FUNDS TO CLOSE OR**
6 **RELINQUISH CONTROL OF UNITED STATES**
7 **NAVAL STATION, GUANTANAMO BAY, CUBA.**

8 None of the funds authorized to be appropriated or
9 otherwise made available for the Department of Defense
10 for fiscal year 2018 may be used—

11 (1) to close or abandon United States Naval
12 Station, Guantanamo Bay, Cuba;

13 (2) to relinquish control of Guantanamo Bay to
14 the Republic of Cuba; or

15 (3) to implement a material modification to the
16 Treaty Between the United States of America and
17 Cuba signed at Washington, D.C. on May 29, 1934,
18 that constructively closes United States Naval Sta-
19 tion, Guantanamo Bay.

20 **SEC. 1027. SENSE OF CONGRESS REGARDING PROVIDING**
21 **FOR TIMELY VICTIM AND FAMILY TESTIMONY**
22 **IN MILITARY COMMISSION TRIALS.**

23 It is the sense of Congress that in the interests of
24 justice, efficiency, and providing closure to victims of ter-
25 rorism and their families, military judges overseeing mili-

1 tary commissions in United States Naval Station, Guanta-
2 namo Bay, Cuba, should consider making arrangements
3 to take recorded testimony from victims and their families
4 should they wish to provide testimony before such a com-
5 mission.

6 **SEC. 1028. AUTHORITY TO USE VIDEO TELECONFERENCING**
7 **TECHNOLOGY IN MILITARY COMMISSION**
8 **PROCEDURES.**

9 Section 949d of title 10, United States Code, is
10 amended by adding at the end the following new sub-
11 section:

12 “(e) USE OF VIDEO TELECONFERENCING.—The
13 military judge may provide for the participation of the ac-
14 cused, defense counsel, trial counsel, and any other par-
15 ticipants by video teleconferencing for any matter for
16 which the military judge may call the military commission
17 into session. Any party who participates through the use
18 of video teleconferencing shall be considered as present for
19 purposes of subsection (a)(2).”.

20 **SEC. 1029. PUBLIC AVAILABILITY OF MILITARY COMMIS-**
21 **SION PROCEEDINGS.**

22 Section 949d(c) of title 10, United States Code, is
23 amended by adding at the end the following new para-
24 graph:

1 “(4) In the case of any proceeding of a military com-
2 mission under this chapter that is made open to the public,
3 the military judge may order arrangements for the avail-
4 ability of the proceeding to be watched remotely by the
5 public through the internet.”.

6 **Subtitle D—Miscellaneous**
7 **Authorities and Limitations**

8 **SEC. 1031. LIMITATION ON EXPENDITURE OF FUNDS FOR**
9 **EMERGENCY AND EXTRAORDINARY EX-**
10 **PENSES FOR INTELLIGENCE AND COUNTER-**
11 **INTELLIGENCE ACTIVITIES AND REPRESEN-**
12 **TATION ALLOWANCES.**

13 (a) **RECURRING EXPENSES.**—The first sentence of
14 subsection (a) of section 127 of title 10, United States
15 Code, is amended by inserting before the period at the
16 end the following: “, and is not a recurring expense”.

17 (b) **LIMITATION.**—Subsection (c) of such section is
18 amended by adding at the end the following new para-
19 graph:

20 “(4) Funds may not be obligated or expended in an
21 amount in excess of \$25,000 under the authority of sub-
22 section (a) or (b) for intelligence or counter-intelligence
23 activities or representation allowances until the Secretary
24 of Defense has notified the congressional defense commit-

tees and the congressional intelligence committees of the
intent to obligate or expend the funds, and—

“(A) in the case of an obligation or expenditure
in excess of \$100,000, 15 days have elapsed since
the date of the notification; or

“(B) in the case of an obligation or expenditure
in excess of \$25,000, but not in excess of \$100,000,
five days have elapsed since the date of the notifica-
tion.”.

(c) ANNUAL REPORT.—Subsection (d) of such sec-
tion is amended—

(1) by striking “to the congressional defense
committees” and all that follows through the period
at the end and inserting an em dash; and

(2) by adding at the end the following new
paragraphs:

“(1) to the congressional defense committees a
report on all expenditures during the preceding fiscal
year under subsections (a) and (b); and

“(2) to the congressional intelligence commit-
tees a report on expenditures relating to intelligence
and counter-intelligence during the preceding fiscal
year under subsections (a) and (b).”.

(d) DEFINITION.—Such section is further amended
by adding at the end the following new subsection:

1 “(e) DEFINITION OF CONGRESSIONAL INTEL-
2 LIGENCE COMMITTEES.—In this section, the term ‘con-
3 gressional intelligence committees’ means the Permanent
4 Select Committee on Intelligence of the House of Rep-
5 resentatives and the Select Committee on Intelligence of
6 the Senate.”.

7 **SEC. 1032. MODIFICATIONS TO HUMANITARIAN DEMINING**
8 **ASSISTANCE AUTHORITIES.**

9 (a) MODIFICATION TO THE ROLE OF ARMED FORCES
10 IN PROVIDING HUMANITARIAN DEMINING ASSISTANCE.—
11 Subsection (a)(3) of section 407 of title 10, United States
12 Code, is amended—

13 (1) in the matter preceding subparagraph (A),
14 by striking “or stockpiled conventional munitions as-
15 sistance”; and

16 (2) in subparagraph (A)—

17 (A) by inserting “, unexploded explosive
18 ordnance,” after “landmines”; and

19 (B) by striking “, or stockpiled conven-
20 tional munitions, as applicable”.

21 (b) MODIFICATION TO DEFINITION OF HUMANI-
22 TARIAN DEMINING ASSISTANCE.—Subsection (e)(1) of
23 such section is amended—

1 (1) by inserting “, unexploded explosive ord-
2 nance,” after “landmines” in each place it appears;
3 and

4 (2) by striking “, and the disposal” and all that
5 follows and inserting a period.

6 (c) **MODIFICATION TO DEFINITION OF STOCKPILED**
7 **CONVENTIONAL MUNITIONS ASSISTANCE.**—Subsection
8 (e)(2) of such section is amended, in the second sentence,
9 by striking “, the detection and clearance of landmines
10 and other explosive remnants of war,”.

11 **SEC. 1033. PROHIBITION ON CHARGE OF CERTAIN TARIFFS**
12 **ON AIRCRAFT TRAVELING THROUGH CHAN-**
13 **NEL ROUTES.**

14 (a) **IN GENERAL.**—Chapter 157 of title 10, United
15 States Code, is amended by adding at the end the fol-
16 lowing new section:

17 **“§ 2652. Prohibition on charge of certain tariffs on**
18 **aircraft traveling through channel routes**

19 “The United States Transportation Command may
20 not charge a tariff by reason of the use by a military serv-
21 ice of an aircraft of that military service on a route des-
22 ignated by the United States Transportation Command as
23 a channel route.”.

1 (b) CLERICAL AMENDMENT.—The table of sections
2 at the beginning of such chapter is amended by adding
3 at the end the following new item:

“2652. Prohibition on charge of certain tariffs on aircraft traveling through
channel routes”.

4 **SEC. 1034. LIMITATION ON DIVESTMENT OF U-2 OR RQ-4**
5 **AIRCRAFT.**

6 (a) LIMITATION.—

7 (1) IN GENERAL.—Except as provided in para-
8 graph (2), none of the funds authorized to be appro-
9 priated by this Act or otherwise made available for
10 the Department of Defense for any fiscal year before
11 fiscal year 2024 may be obligated or expended to
12 prepare to divest, divest, place in storage, or place
13 in a status awaiting further disposition of the pos-
14 sessed commander any U-2 or RQ-4 aircraft of the
15 Department of Defense.

16 (2) EXCEPTION.—Paragraph (1) shall not
17 apply to an individual U-2 or RQ-4 aircraft that the
18 Secretary of the Air Force determines, on a case-by-
19 case basis, to be non-returnable to flying service due
20 to any mishap, other damage, or being uneconomical
21 to repair.

22 (b) CONFORMING REPEAL.—Section 133 of the Na-
23 tional Defense Authorization Act for Fiscal Year 2012
24 (Public Law 112–81) is hereby repealed.

1 **SEC. 1035. PROHIBITION ON USE OF FUNDS FOR RETIRE-**
2 **MENT OF LEGACY MARITIME MINE COUNTER-**
3 **MEASURES PLATFORMS.**

4 (a) PROHIBITION.—Except as provided in subsection
5 (b), the Secretary of the Navy may not obligate or expend
6 funds to—

7 (1)) retire, prepare to retire, transfer, or place
8 in storage any AVENGER-class mine counter-
9 measures ship or associated equipment;

10 (2) retire, prepare to retire, transfer, or place
11 in storage any SEA DRAGON (MH-53) helicopter
12 or associated equipment;

13 (3) make any reductions to manning levels with
14 respect to any AVENGER-class mine counter-
15 measures ship; or

16 (4) make any reductions to manning levels with
17 respect to any SEA DRAGON (MH-53) helicopter
18 squadron or detachment.

19 (b) WAIVER.—The Secretary of the Navy may waive
20 the prohibition under subsection (a) if the Secretary cer-
21 tifies to the congressional defense committees that the
22 Secretary has—

23 (1) identified a replacement capability and the
24 necessary quantity of such systems to meet all com-
25 batant commander mine countermeasures oper-
26 ational requirements that are currently being met by

1 any AVENGER-class ship or SEA DRAGON heli-
2 copter to be retired, transferred, or placed in stor-
3 age;

4 (2) achieved initial operational capability of all
5 systems described in paragraph (1); and

6 (3) deployed a sufficient quantity of systems de-
7 scribed in paragraph (1) that have achieved initial
8 operational capability to continue to meet or exceed
9 all combatant commander mine countermeasures
10 operational requirements currently being met by the
11 AVENGER-class ships and SEA DRAGON heli-
12 copters to be retired, transferred, or placed in stor-
13 age.

14 **SEC. 1036. RESTRICTION ON USE OF CERTAIN FUNDS PEND-**
15 **ING SOLICITATION OF BIDS FOR WESTERN**
16 **PACIFIC DRY DOCK.**

17 (a) FINDINGS.—Congress makes the following find-
18 ings:

19 (1) Following closure of the Department of the
20 Navy ship repair facility in Guam in 1997 following
21 the Base Realignment and Closure round of 1995,
22 operation of the facility was turned over to a private
23 company.

24 (2) While streamlining operations, resulting in
25 savings to the Navy of approximately \$38,000,000

1 each year, the company was able to maintain the
2 depot-level capabilities of the facility with dry-dock-
3 ing capability that had existed in Apra Harbor since
4 World War II.

5 (3) From 1997 to 2012, the private operator
6 successfully performed 28 major overhauls with dry-
7 dockings of Navy, Military Sealift Command, and
8 Coast Guard vessels, 27 mid-term availabilities, as
9 well as the emergency dry-docking of USS San
10 Francisco (SSN-711) after the nuclear powered sub-
11 marine collided with a seamount off the coast of
12 Guam in 2005.

13 (4) While the privately owned dry-dock, Ma-
14 chinist, was undergoing upgrades and refurbishment
15 in 2013, the Navy announced that it would split the
16 long-standing depot-level capability in Guam into
17 two pieces, awarding an initial contract for pier-side
18 ship repair, to be followed by a contract for dry-dock
19 ship repair.

20 (5) At this time, the Committee on Armed
21 Services of the House of Representatives, including
22 the Delegate from Guam, as well as the Governor of
23 Guam, objected to this plan, and a conditional
24 agreement was made wherein the Navy committed to

1 restoring dry-docking capabilities expeditiously fol-
2 lowing issuance of the pier-side contract.

3 (6) Despite repeated requests from the Com-
4 mittee on Armed Services of the House of Rep-
5 resentatives, the Delegate from Guam, and the Gov-
6 ernor of Guam over the past four years, the Sec-
7 retary of the Navy has failed to issue the dry-dock
8 contract.

9 (7) The Navy conducted a business case anal-
10 ysis to assess options for a dry-docking capability in
11 Guam in 2014 and agreed to provide a copy of the
12 report to Congress upon completion. The draft busi-
13 ness case analysis was provided to the Committee on
14 Armed Services of the House of Representatives on
15 March 3, 2016, but a final document was not pro-
16 duced.

17 (8) The draft business case analysis evaluated
18 200 potential options for restoring a dry-docking ca-
19 pability in Guam, recommending seven potential
20 courses of action, with estimated costs ranging from
21 \$324,000,000 to \$398,000,000 over a 50-year life
22 cycle. The business case analysis concluded that any
23 of these options are significant savings when com-
24 pared with the cost of not having a dry-docking ca-

1 pability in Guam, which exceeds \$700,000,000 over
2 a 50-year period.

3 (9) The Navy has removed machinery and
4 equipment needed to perform major overhauls from
5 the former ship repair facility, and shifted ship re-
6 pair work previously performed in Guam to various
7 foreign locations in the Western Pacific. The total
8 cost of Navy ship repair contracts in Guam have
9 gone from \$45,00,000 in 2010 to \$16,000,000 in
10 2016.

11 (10) As a result of Navy actions over the past
12 five years, the number of skilled workers engaged in
13 ship repair in Guam has been reduced from a com-
14 bined total of approximately 550 at three ship-repair
15 companies in Guam to the current level of 150. Due
16 to this degraded workforce and equipment capabili-
17 ties, the Navy is now forced to rely almost exclu-
18 sively on foreign ship repair instead at a time when
19 the Committee believes tensions and threats of crisis
20 in the Western Pacific can put access to foreign
21 shipyards at risk.

22 (11) Navy leadership has long acknowledged
23 the importance of a depot-level, dry-docking capa-
24 bility in Guam, as evidenced by the following:

1 (A) “Robust depot-level ship repair capa-
2 bility in Guam is a matter of strategic impor-
3 tance and remains an operational necessity be-
4 cause ships of the 7th Fleet have high oper-
5 ational tempo and experience vast distances be-
6 tween repair facilities.” (Letter from the Com-
7 mander of the Pacific Fleet to the Governor of
8 Guam, dated February 15, 2013).

9 (B) “We must maintain a viable ship
10 maintenance capability in Guam to include dry-
11 docking in support of operations and contin-
12 gency plans (OPLANs and CONPLANs) and
13 the U.S. Navy rebalance to the Pacific. Guam
14 is a strategic in-theater location for depot-level
15 ship maintenance on sovereign U.S. territory.
16 This is a significant factor given that commer-
17 cial dry docks available in foreign countries con-
18 sidered friendly to the United States may be-
19 come unavailable to SEVENTH Fleet ships in
20 time of crisis or war. Availability of CPF ships
21 would be stressed if assets are required to dry
22 dock in CONUS due to the non-availability of
23 a secure dry docking capability in the Western
24 Pacific. Dry-docking in Guam is a critical com-
25 ponent of depot-level ship repair. The capability

1 must be maintained and regularly exercised so
2 that a capability and expertise are available to
3 support ships of the SEVENTH Fleet in peace
4 and war.” (Letter from the Commander of the
5 Pacific Fleet to the Chief of Naval Operations,
6 dated February 7, 2014).

7 (C) On February 24, 2016, in testimony
8 before the Committee on Armed Services of the
9 House of Representatives, Admiral Harry Har-
10 ris, Commander of the United States Pacific
11 Command, affirmed that he continues to view
12 robust ship repair capabilities as a matter of
13 strategic importance and an operational priority
14 for United States Pacific Fleet.

15 (12) The Navy currently has four fast-attack
16 nuclear submarines homeported in Guam.

17 (13) The Navy homeports submarine squadrons
18 at seven locations in the United States, each of
19 which has a dry-docking capability, with the excep-
20 tion of Guam.

21 (14) The Committee on Armed Services of the
22 House of Representatives believes that dry-docking
23 capability in Guam is a strategic requirement and a
24 cost-effective means of ensuring the Forward De-

1 ployed Fleet has depot-level repair capabilities at a
2 United States port in the Western Pacific.

3 (15) Amounts were authorized to be appro-
4 priated in the National Defense Authorization Act
5 for Fiscal Year 2017 (Public Law 114–328) and ap-
6 propriated in the Consolidated Appropriations Act,
7 2017 (Public Law 115–31) for funds be applied to
8 chartering a dry dock to meet fleet maintenance re-
9 quirements in the Western Pacific.

10 (b) LIMITATION ON USE OF FUNDS.—Not more than
11 75 percent of the funds authorized to be appropriated or
12 otherwise made available for the Office of the Secretary
13 of the Navy may be obligated or expended until the Sec-
14 retary submits to Congress notice that a request for pro-
15 posals has been issued to solicit bids for the chartering
16 of a dry dock in the Western Pacific that satisfies the min-
17 imum requirements for heavy ship depot-level repair.

18 **SEC. 1037. NATIONAL GUARD FLYOVERS OF PUBLIC**
19 **EVENTS.**

20 (a) STATEMENT OF POLICY.—It shall be the policy
21 of the Department of Defense that flyovers of public
22 events in support of community relations activities may
23 only be flown as part of an approved training mission at
24 no additional expense to the Federal Government.

1 (b) NATIONAL GUARD FLYOVER APPROVAL PROC-
2 ESS.—The Adjutant General of a State or territory in
3 which an Army National Guard or Air National Guard
4 unit is based will be the approval authority for all Air Na-
5 tional Guard and Army National Guard flyovers in that
6 State or territory, including any request for a flyover in
7 any civilian domain at a nonaviation related event.

8 (c) FLYOVER RECORD MAINTENANCE; REPORT.—

9 (1) RECORD MAINTENANCE.—The Secretary of
10 Defense shall keep and maintain records of flyover
11 requests, approvals, and the total costs of all flyover
12 missions, including the costs of fuel, maintenance,
13 and manpower, in a publicly accessible database that
14 is updated annually.

15 (2) GAO REPORT.—Not later than one year
16 after the date of the enactment of this Act, the
17 Comptroller General of the United States shall sub-
18 mit to the Committee on Armed Services of the
19 House of Representatives and the Committee on
20 Armed Services of the Senate a report on flyovers
21 and the process whereby flyover requests are made
22 and evaluated, including—

23 (A) whether there is any cost to taxpayers
24 associated with flyovers;

1 (B) whether there is any appreciable public
2 relations or recruitment value that comes from
3 flyovers; and

4 (C) the impact flyovers have to aviator
5 training and readiness.

6 (d) FLYOVER DEFINED.—In this section, the term
7 “flyover” means aviation support—

8 (1) in which a straight and level flight limited
9 to one pass by a single military aircraft, or by a sin-
10 gle formation of four or fewer military aircraft of
11 the same type, from the same military department
12 over a predetermined point on the ground at a spe-
13 cific time;

14 (2) that does not involve aerobatics or dem-
15 onstrations; and

16 (3) uses bank angles of up to 90 degrees if re-
17 quired to improve the spectator visibility of the air-
18 craft.

19 **SEC. 1038. TRANSFER OF FUNDS TO WORLD WAR I CENTEN-**
20 **NIAL COMMISSION.**

21 (a) AUTHORITY TO TRANSFER FUNDS.—The Sec-
22 retary of Defense may transfer to the World War I Cen-
23 tennial Commission, from amounts described in subsection
24 (b), such amount as the Secretary and the Chair of the
25 World War I Centennial Commission consider appropriate

1 to assist the Commission in carrying out activities under
2 paragraphs (2) through (5) of section 5(a) of the World
3 War I Centennial Commission Act (Public Law 112–272;
4 36 U.S.C. prec. 101 note) after fiscal year 2017.

5 (b) DESIGNATED ACCOUNT.—Funds transferred pur-
6 suant to subsection (a) shall be maintained in a specially
7 designated account and may not be obligated or expended
8 for the designation, establishment, or enhancement of a
9 memorial or commemorative work by the World War I
10 Centennial Commission.

11 (c) COVERED FUNDS.—The funds transferrable by
12 the Secretary pursuant to subsection (a) shall be derived
13 from amounts authorized to be appropriated for fiscal year
14 2018 for Civil Military Programs as provided in section
15 4301 of this Act.

16 (d) TREATMENT AS GIFT.—Any amounts transferred
17 to the World War I Centennial Commission pursuant to
18 subsection (a) shall be treated as a gift to the Commission
19 for purposes of sections 6(g) and 7(f) of the World War
20 I Centennial Commission Act.

21 (e) LIMITATION.—The total amount provided by the
22 Secretary pursuant to subsection (a) shall not exceed
23 \$5,000,000.

24 (f) WORLD WAR I CENTENNIAL COMMISSION DE-
25 FINED.—In this section, the term “World War I Centen-

1 nial Commission” means the Commission established by
2 section 4 of the World War I Centennial Commission Act.

3 **SEC. 1039. LIMITATION ON USE OF FUNDS FOR PROVISION**
4 **OF MAN-PORTABLE AIR DEFENSE SYSTEMS**
5 **TO THE VETTED SYRIAN OPPOSITION.**

6 (a) LIMITATION.—If a determination is made during
7 fiscal year 2018 to use funds available to the Department
8 of Defense for that fiscal year to provide man-portable air
9 defense systems (MANPADs) to the vetted Syrian opposi-
10 tion pursuant to the authority in section 1209 of the Carl
11 Levin and Howard P. “Buck” McKeon National Defense
12 Authorization Act for Fiscal Year 2015 (Public Law 113–
13 291; 128 Stat. 3541), such funds may not be used for
14 that purpose until—

15 (1) the Secretary of Defense and the Secretary
16 of State jointly submit to the appropriate congress-
17 sional committees a report on the determination;
18 and

19 (2) 30 days elapses after the date of the sub-
20 mittal of such report to the appropriate congress-
21 sional committees.

22 (b) REPORT REQUIREMENTS.—The report under
23 subsection (a) shall set forth the following: —

24 (1) A description of each element of the vetted
25 Syrian opposition that will provided man-portable air

1 defense systems as described in subsection (a), in-
2 cluding—

3 (A) the geographic location of such ele-
4 ment;

5 (B) a detailed intelligence assessment of
6 such element;

7 (C) a description of the alignment of such
8 element within the broader conflict in Syria;
9 and

10 (D) a description and assessment of the
11 assurance, if any, received by the commander of
12 such element in connection with the provision of
13 man-portable air defense systems.

14 (2) The number and type of man-portable air
15 defense systems to be so provided.

16 (3) The logistics plan for providing and resup-
17 plying each element to be so provided man-portable
18 air defense systems with additional man-portable air
19 defense systems.

20 (4) The duration of support to be provided in
21 connection with the provision of man-portable air de-
22 fense systems.

23 (5) The justification for the provision of man-
24 portable air defense systems to each element of the
25 vetted Syrian opposition, including an explanation of

1 the purpose and expected employment of such sys-
2 tems.

3 (6) Any other matters that the Secretary of De-
4 fense and the Secretary of State jointly consider ap-
5 propriate.

6 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
7 FINED.—In this section, the term “appropriate congres-
8 sional committees” has the meaning given that term in
9 section 1209(e)(2) of the Carl Levin and Howard P.
10 “Buck” McKeon National Defense Authorization Act for
11 Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3541).

12 (d) PROHIBITION ON USE OF CERTAIN FUNDS.—
13 None of the funds authorized to be appropriated or other-
14 wise made available by this Act for fiscal year 2018 for
15 “Counter-ISIS Train and Equip Fund” Counter may be
16 used to procure or transfer man-portable air defense sys-
17 tems (MANPADS).

18 **SEC. 1040. DETERMINATION REGARDING TRANSFER OF DE-**
19 **FENSE ARTICLES TO UNITS COMMITTING**
20 **GROSS VIOLATIONS OF HUMAN RIGHTS.**

21 (a) DETERMINATION REQUIRED.—In carrying out
22 the Golden Sentry program to monitor end-use compliance
23 of the government of a foreign state to which defense arti-
24 cles and services have been provided, the Director of the
25 Defense Security Cooperation Agency, in consultation with

1 the appropriate United States embassy personnel in the
2 foreign state, shall determine whether the government of
3 the foreign state has transferred any defense article to a
4 unit that is prohibited from receiving assistance from the
5 United States by reason of a determination by the Sec-
6 retary of State that there is credible evidence that such
7 unit has committed a gross violation of human rights.

8 (b) REPORT.—Not later than 180 days after the date
9 of the enactment of this Act, the Secretary of Defense
10 shall submit to the Committee on Armed Services and the
11 Committee on Foreign Relations of the Senate and the
12 Committee on Armed Services and the Committee on For-
13 eign Affairs of the House of Representatives a report on
14 the implementation of subsection (a).

15 **SEC. 1041. PROHIBITION ON USE OF FUNDS TO DESIGNATE**
16 **OR EXPAND FEDERAL NATIONAL HERITAGE**
17 **AREAS.**

18 None of the funds authorized to be appropriated by
19 this Act or otherwise made available for fiscal year 2018
20 for the Department of Defense may be obligated or ex-
21 pended to designate or expand any Federal National Her-
22 itage Area in any of Baca, Bent, Crowley Huerfano,
23 Kiowa, Las Animas, Otero, Prowers, or Pueblo counties,
24 Colorado.

1 **SEC. 1042. REQUIREMENT RELATING TO TRANSFER OF EX-**
2 **CESS DEPARTMENT OF DEFENSE EQUIPMENT**
3 **TO FEDERAL AND STATE AGENCIES.**

4 Section 2576a of title 10, United States Code, is
5 amended by adding at the end the following new sub-
6 section:

7 “(g) PREFERENCE FOR BORDER SECURITY PUR-
8 POSES.—(1) In transferring the items of personal property
9 described in paragraph (2) under this section, the Sec-
10 retary of Defense may give first preference to the Depart-
11 ment of Homeland Security and then to Federal and State
12 agencies that agree to use the property primarily for the
13 purpose of strengthening border security along the south-
14 ern border of the United States.

15 “(2) The items of personal property described in this
16 paragraph are—

17 “(A) unmanned aerial vehicles;

18 “(B) the Aerostat radar system;

19 “(C) night-vision goggles; and

20 “(D) high mobility multi-purpose wheel vehicles
21 (commonly known as ‘humvees’).”.

22 **SEC. 1043. LIMITATION ON USE OF FUNDS TO CLOSE BIO-**
23 **SAFETY LEVEL 4 LABORATORIES.**

24 (a) LIMITATION.—None of the funds authorized to
25 be appropriated in this Act may be used to support the
26 closure or transfer of a biosafety level 4 laboratory until

1 the heads of the Federal agencies that use the laboratory
2 jointly certify to the covered congressional committees that
3 the closure or transfer of the lab would not have a negative
4 effect on biological defense capabilities and would not re-
5 sult in a lapse of biological defense capabilities.

6 (b) COVERED CONGRESSIONAL COMMITTEES.—In
7 this section, the term “covered congressional committees”
8 means—

9 (1) the Committees on Armed Services of the
10 Senate and House of Representatives;

11 (2) the Committees on the Judiciary of the Sen-
12 ate and House of Representatives;

13 (3) the Permanent Select Committee on Intel-
14 ligence of the House of Representatives;

15 (4) the Select Committee on Intelligence of the
16 Senate;

17 (5) the Committee on Homeland Security of the
18 House of Representatives;

19 (6) the Committee on Homeland Security and
20 Governmental Affairs of the Senate;

21 (7) the Committee on Oversight and Govern-
22 ment Reform of the House of Representatives; and

23 (8) the Committees on Appropriations of the
24 Senate and House of Representatives.

1 **Subtitle E—Studies and Reports**

2 **SEC. 1051. ELIMINATION OF REPORTING REQUIREMENTS** 3 **TERMINATED AFTER NOVEMBER 25, 2017,** 4 **PURSUANT TO SECTION 1080 OF THE NA-** 5 **TIONAL DEFENSE AUTHORIZATION ACT FOR** 6 **FISCAL YEAR 2016.**

7 (a) TITLE 10, UNITED STATES CODE.—Title 10,
8 United States Code, is amended as follows:

9 (1) SECTION 113 REPORTS.—

10 (A) RESERVE FORCES POLICY BOARD RE-
11 PORT.—Section 113(c) is amended—

12 (i) by striking paragraph (2);

13 (ii) by striking “(1)” after “(c)”; and

14 (iii) by redesignating subparagraphs

15 (A), (B), and (C) as paragraphs (1), (2),

16 and (3), respectively.

17 (B) TOTAL FORCE MANAGEMENT RE-

18 PORT.—Section 113 is amended by striking

19 subsection (l).

20 (2) DEFENSE INDUSTRIAL SECURITY RE-

21 PORT.—Section 428 is amended by striking sub-

22 section (f).

23 (3) MILITARY MUSICAL UNITS GIFT REPORT.—

24 Section 974(d) is amended by striking paragraph

25 (3).

1 (4) HEALTH PROTECTION QUALITY REPORT.—

2 Section 1073b is amended—

3 (A) by striking subsection (a); and

4 (B) by redesignating subsections (b) and
5 (c) as subsections (a) and (b), respectively.

6 (5) MASTER PLANS FOR REDUCTIONS IN CIVIL-
7 IAN POSITIONS.—

8 (A) IN GENERAL.—Section 1597 is amend-
9 ed—

10 (i) by striking subsection (e);

11 (ii) by striking subsections (d), (e),
12 and (f) as subsections (c), (d), and (e), re-
13 spectively; and

14 (iii) in subsection (c), as redesignated,
15 by striking “or a master plan prepared
16 under subsection (c)”.

17 (B) CONFORMING AMENDMENTS.—Section
18 129a(d) is amended—

19 (i) by striking paragraphs (1) and (2);
20 and

21 (ii) by redesignating paragraphs (3)
22 and (4) as paragraphs (1) and (2), respec-
23 tively.

24 (6) ACQUISITION WORKFORCE DEVELOPMENT
25 FUND REPORT.—Section 1705 is amended—

1 (A) in subsection (e)(1), by striking “sub-
2 section (h)(2)” and inserting “subsection
3 (g)(2)”;

4 (B) by striking subsection (f); and

5 (C) by redesignating subsections (g) and
6 (h) as subsections (f) and (g), respectively.

7 (7) ACQUISITION CORPS REPORT.—Section
8 1722b is amended by striking subsection (c).

9 (8) MILITARY FAMILY READINESS REPORT.—
10 Section 1781b is amended by striking subsection (d).

11 (9) PROFESSIONAL MILITARY EDUCATION RE-
12 PORT.—

13 (A) ELIMINATION.—Section 2157 is re-
14 pealed.

15 (B) CLERICAL AMENDMENT.—The table of
16 sections at the beginning of chapter 107 is
17 amended by striking the item relating to section
18 2157.

19 (10) DEPARTMENT OF DEFENSE CONFERENCES
20 FEE-COLLECTION REPORT.—Section 2262 is amend-
21 ed by striking subsection (d).

22 (11) UNITED STATES CONTRIBUTIONS TO NATO
23 COMMON-FUNDED BUDGETS REPORT.—Section 2263
24 is amended—

25 (A) by striking subsection (b); and

1 (B) by redesignating subsection (c) as sub-
2 section (b).

3 (12) FOREIGN COUNTER-SPACE PROGRAMS RE-
4 PORT.—

5 (A) ELIMINATION.—Section 2277 is re-
6 pealed.

7 (B) CLERICAL AMENDMENT.—The table of
8 sections at the beginning of chapter 135 is
9 amended by striking the item relating to section
10 2277.

11 (13) USE OF MULTIYEAR CONTRACTS RE-
12 PORT.—Section 2306b(1)(4) is amended by striking
13 “Not later than” and all that follows through the
14 colon and inserting the following: “Each report re-
15 quired by paragraph (5) with respect to a contract
16 (or contract extension) shall contain the following:”.

17 (14) BURDEN SHARING CONTRIBUTIONS RE-
18 PORT.—Section 2350j is amended by striking sub-
19 section (f).

20 (15) CONTRACT PROHIBITION WAIVER RE-
21 PORT.—Section 2410i(c) is amended by striking the
22 second sentence.

23 (16) STRATEGIC SOURCING PLAN OF ACTION
24 REPORT.—Subsection (a) of section 2475 is amend-
25 ed to read as follows:

1 “(a) STRATEGIC SOURCING PLAN OF ACTION DE-
2 FINED.—In this section, the term ‘Strategic Sourcing
3 Plan of Action’ means a Strategic Sourcing Plan of Action
4 for the Department of Defense (as identified in the De-
5 partment of Defense Interim Guidance dated February
6 29, 2000, or any successor Department of Defense guid-
7 ance or directive) in effect for a fiscal year.”.

8 (17) TECHNOLOGY AND INDUSTRIAL BASE POL-
9 ICY GUIDANCE REPORT.—Section 2506 is amend-
10 ed—

11 (A) by striking subsection (b); and

12 (B) in subsection (a), by striking “Such
13 guidance” and inserting the following:

14 “(b) PURPOSE OF GUIDANCE.—The guidance pre-
15 scribed pursuant to subsection (a)”.

16 (18) FOREIGN-CONTROLLED CONTRACTORS RE-
17 PORT.—Section 2537 is amended—

18 (A) by striking subsection (b); and

19 (B) by redesignating subsection (c).

20 (19) SUPPORT FOR SPORTING EVENTS RE-
21 PORT.—Section 2564 is amended—

22 (A) in subsection (b)(3), by striking “sec-
23 tion 377” and inserting “section 277”;

24 (B) by striking subsection (e);

1 (C) by redesignating subsections (f) and
2 (g) as subsections (e) and (f), respectively; and
3 (D) in subsection (e), as so redesignated,
4 by “striking sections 375 and 376” and insert-
5 ing “sections 275 and 276”.

6 (20) GENERAL AND FLAG OFFICER QUARTERS
7 REPORT.—Section 2831 is amended by striking sub-
8 section (e).

9 (21) MILITARY INSTALLATIONS VULNERABILITY
10 ASSESSMENT REPORTS.—Section 2859 is amended—

11 (A) by striking subsection (c); and

12 (B) by redesignating subsection (d) as sub-
13 section (c).

14 (22) INDUSTRIAL FACILITY INVESTMENT PRO-
15 GRAM CONSTRUCTION REPORT.—Section 2861 is
16 amended by striking subsection (d).

17 (23) STATEMENT OF AMOUNTS AVAILABLE FOR
18 WATER CONSERVATION AT MILITARY INSTALLA-
19 TIONS.—Section 2866(b) is amended by striking
20 paragraph (3).

21 (24) ACQUISITION OR CONSTRUCTION OF MILI-
22 TARY UNACCOMPANIED HOUSING PILOT PROJECTS
23 REPORT.—Section 2881a is amended by striking
24 subsection (e).

1 (25) STATEMENT OF AMOUNTS AVAILABLE
2 FROM ENERGY COST SAVINGS.—Section 2912 is
3 amended by striking subsection (d).

4 (26) ARMY TRAINING REPORT.—

5 (A) ELIMINATION.—Section 4316 is re-
6 pealed.

7 (B) CLERICAL AMENDMENT.—The table of
8 sections at the beginning of chapter 401 is
9 amended by striking the item relating to section
10 4316.

11 (27) STATE OF THE ARMY RESERVE REPORT.—
12 Section 3038(f) is amended—

13 (A) by striking “(1)” before “The”; and

14 (B) by striking paragraph (2).

15 (28) STATE OF THE MARINE CORPS RESERVE
16 REPORT.—Section 5144(d) is amended—

17 (A) by striking “(1)” before “The”; and

18 (B) by striking paragraph (2).

19 (29) STATE OF THE AIR FORCE RESERVE RE-
20 PORT.—Section 8038(f) is amended—

21 (A) by striking “(1)” before “The”; and

22 (B) by striking paragraph (2).

23 (b) DEPARTMENT OF DEFENSE AUTHORIZATION
24 ACT, 1985.—Section 1003 of the Department of Defense
25 Authorization Act, 1985 (Public Law 98–525; 22 U.S.C.

1 1928 note), relating to an annual report on allied con-
2 tributions to the common defense, is amended by striking
3 subsections (c) and (d).

4 (c) NATIONAL DEFENSE AUTHORIZATION ACT, FIS-
5 CAL YEAR 1989.—Section 1009 of the National Defense
6 Authorization Act, Fiscal Year 1989 (Public Law 100–
7 456; 22 U.S.C. 1928 note), relating to an annual report
8 on the official development assistance program of Japan,
9 is amended by striking subsection (b).

10 (d) NATIONAL DEFENSE AUTHORIZATION ACT FOR
11 FISCAL YEAR 1991.—Section 1518 of the Defense Au-
12 thorization Act for Fiscal Year 1991 (Public Law 101–
13 510; 24 U.S.C. 418), relating to reports on the results
14 of inspection of Armed Forces Retirement Homes, is
15 amended—

16 (1) in subsection (c)(1), by striking “Congress
17 and”; and

18 (2) in subsection (e)—

19 (A) by striking paragraph (2);

20 (B) by striking “(1)” before “Not later”;

21 and

22 (C) by redesignating subparagraphs (A)

23 and (B) as paragraphs (1) and (2), respectively.

24 (e) NATIONAL DEFENSE AUTHORIZATION ACT FOR
25 FISCAL YEARS 1992 AND 1993.—Section 1046 of the Na-

1 tional Defense Authorization Act for Fiscal Years 1992
2 and 1993 (Public Law 102–190; 22 U.S.C. 1928 note),
3 relating to an annual report on defense cost-sharing, is
4 amended by striking subsections (e) and (f).

5 (f) NATIONAL DEFENSE AUTHORIZATION ACT FOR
6 FISCAL YEAR 1994.—Section 1603 of the National De-
7 fense Authorization Act for Fiscal Year 1994 (Public Law
8 103–160; 22 U.S.C. 2751 note), relating to an annual re-
9 port on counterproliferation policy and programs of the
10 United States, is amended by striking subsection (d).

11 (g) NATIONAL DEFENSE AUTHORIZATION ACT FOR
12 FISCAL YEAR 1995.—Section 533 of the National Defense
13 Authorization Act for Fiscal Year 1995 (Public Law 103–
14 337; 10 U.S.C. 113 note), relating to an annual report
15 on personnel readiness factors by race and gender, is re-
16 pealed.

17 (h) NATIONAL DEFENSE AUTHORIZATION ACT FOR
18 FISCAL YEAR 2000.—Section 366 of the National Defense
19 Authorization Act for Fiscal Year 2000 (Public Law 106–
20 65; 10 U.S.C. 113 note), relating to an annual report on
21 spare parts, logistics, and sustainment standards, is
22 amended by striking subsection (f).

23 (i) NATIONAL DEFENSE AUTHORIZATION ACT FOR
24 FISCAL YEAR 2002.—The National Defense Authoriza-

1 tion Act for Fiscal Year 2002 (Public Law 107–107) is
2 amended as follows:

3 (1) ARMY WORKLOAD AND PERFORMANCE SYS-
4 TEM REPORT.—Section 346 (115 Stat. 1062) is
5 amended—

6 (A) by striking subsections (b) and (c);
7 and

8 (B) by redesignating subsection (d) as sub-
9 section (b).

10 (2) RELIABILITY OF FINANCIAL STATEMENTS
11 REPORT.—Section 1008(d) (10 U.S.C. 113 note) is
12 amended—

13 (A) by striking “(1)” before “On each”;
14 and

15 (B) by striking paragraph (2).

16 (j) NATIONAL DEFENSE AUTHORIZATION ACT FOR
17 FISCAL YEAR 2003.—Section 817 of the Bob Stump Na-
18 tional Defense Authorization Act for Fiscal Year 2003
19 (Public Law 107–314; 10 U.S.C. 2306a note), relating to
20 an annual report on commercial item and exceptional case
21 exceptions and waivers, is amended—

22 (1) by striking subsection (d); and

23 (2) by redesignating subsection (e) as sub-
24 section (d).

1 (k) NATIONAL DEFENSE AUTHORIZATION ACT FOR
2 2006.—The National Defense Authorization Act for 2006
3 (Public Law 109–163) is amended as follows:

4 (1) NOTIFICATION OF ADJUSTMENT IN LIMITA-
5 TION AMOUNT FOR NEXT-GENERATION DESTROYER
6 PROGRAM.—Section 123 (119 Stat. 3156) is amend-
7 ed—

8 (A) by striking subsection (d); and

9 (B) by redesignating subsection (e) as sub-
10 section (d).

11 (2) CERTIFICATION OF BUDGETS FOR JOINT
12 TACTICAL RADIO SYSTEM REPORT.—Section 218(c)
13 (119 Stat. 3171) is amended by striking paragraph
14 (3).

15 (3) DEPARTMENT OF DEFENSE COSTS TO
16 CARRY OUT UNITED NATIONS RESOLUTIONS RE-
17 PORT.—Section 1224 (10 U.S.C. 113 note) is re-
18 pealed.

19 (l) NATIONAL DEFENSE AUTHORIZATION ACT FOR
20 FISCAL YEAR 2007.—Section 357(b) of the John Warner
21 National Defense Authorization Act for Fiscal Year 2007
22 (Public Law 109–364; 22 U.S.C. 4865 note), relating to
23 an annual report on Department of Defense overseas per-
24 sonnel subject to chief of mission authority, is amended

1 by striking “shall submit to the congressional defense
2 committees” and inserting “shall prepare”.

3 (m) NATIONAL DEFENSE AUTHORIZATION ACT FOR
4 FISCAL YEAR 2008.—The National Defense Authoriza-
5 tion Act for Fiscal Year 2008 (Public Law 110–181) is
6 amended as follows:

7 (1) ARMY INDUSTRIAL FACILITIES COOPERA-
8 TIVE ACTIVITIES REPORT.—Section 328 (10 U.S.C.
9 4544 note) is amended by striking subsection (b).

10 (2) ARMY PRODUCT IMPROVEMENT REPORT.—
11 Section 330 (122 Stat. 68) is amended by striking
12 subsection (e).

13 (n) NATIONAL DEFENSE AUTHORIZATION ACT FOR
14 FISCAL YEAR 2009.—The Duncan Hunter National De-
15 fense Authorization Act for Fiscal Year 2009 (Public Law
16 110–417) is amended as follows:

17 (1) SUPPORT FOR NON-CONVENTIONAL AS-
18 SISTED RECOVERY ACTIVITIES REPORT.—Section
19 943 (122 Stat. 4578) is amended—

20 (A) by striking subsection (e); and

21 (B) by redesignating subsections (f), (g),
22 and (h) as subsections (e), (f), and (g), respec-
23 tively.

1 (2) REIMBURSEMENT OF NAVY MESS EXPENSES
2 REPORT.—Section 1014 (122 Stat. 4585) is amend-
3 ed by striking subsection (c).

4 (3) ELECTROMAGNETIC PULSE ATTACK RE-
5 PORT.—Section 1048 (122 Stat. 4603) is repealed.

6 (o) NATIONAL DEFENSE AUTHORIZATION ACT FOR
7 FISCAL YEAR 2010.—Section 121 of the National Defense
8 Authorization Act for Fiscal Year 2010 (Public Law 111-
9 84; 123 Stat. 2211), relating to an annual report on the
10 Littoral Combat Ship Program, is amended by striking
11 subsection (e).

12 (p) NATIONAL DEFENSE AUTHORIZATION ACT FOR
13 FISCAL YEAR 2011.—The Ike Skelton National Defense
14 Authorization Act for Fiscal Year 2011 (Public Law 111-
15 383) is amended as follows:

16 (1) NAVY AIRBORNE SIGNALS INTELLIGENCE,
17 SURVEILLANCE, AND RECONNAISSANCE CAPABILI-
18 TIES REPORT.—Section 112(b) (124 Stat. 4153) is
19 amended—

20 (A) by striking paragraph (3); and

21 (B) by redesignating paragraph (4) as
22 paragraph (3).

23 (2) INCLUSION OF TECHNOLOGY PROTECTION
24 FEATURES DURING RESEARCH AND DEVELOPMENT

1 OF DEFENSE SYSTEMS REPORT.—Section 243 (10
2 U.S.C. 2358 note) is amended—

3 (A) by striking subsection (c); and

4 (B) by redesignating subsections (d) and
5 (e) as subsections (c) and (d), respectively.

6 (3) ACQUISITION OF MILITARY PURPOSE NON-
7 DEVELOPMENTAL ITEMS REPORT.—Section 866 (10
8 U.S.C. 2302 note) is amended—

9 (A) by striking subsection (d); and

10 (B) by redesignating subsection (e) as sub-
11 section (d).

12 (4) NUCLEAR TRIAD REPORT.—Section 1054
13 (10 U.S.C. 113 note) is repealed.

14 (q) NATIONAL DEFENSE AUTHORIZATION ACT FOR
15 FISCAL YEAR 2012.—The National Defense Authoriza-
16 tion Act for Fiscal Year 2012 (Public Law 112–81) is
17 amended as follows:

18 (1) PERFORMANCE MANAGEMENT SYSTEM AND
19 APPOINTMENT PROCEDURES REPORT.—Section 1102
20 (5 U.S.C. 9902 note) is amended by striking sub-
21 section (b).

22 (2) GLOBAL SECURITY CONTINGENCY FUND RE-
23 PORT.—Section 1207 (22 U.S.C. 2151 note) is
24 amended—

25 (A) by striking subsection (n); and

1 (B) by redesignating subsections (o) and
2 (p) as subsections (n) and (o).

3 (3) DATA SERVERS AND CENTERS COST SAV-
4 INGS REPORT.—Section 2867 (10 U.S.C. 2223a
5 note) is amended by striking subsection (d).

6 (F) NATIONAL DEFENSE AUTHORIZATION ACT FOR
7 FISCAL YEAR 2013.—The National Defense Authoriza-
8 tion Act for Fiscal Year 2013 (Public Law 112–239) is
9 amended as follows:

10 (1) F–22A RAPTOR MODERNIZATION PROGRAM
11 REPORT.—Section 144 (126 Stat. 1663) is amended
12 by striking subsection (c).

13 (2) TRICARE MAIL-ORDER PHARMACY PRO-
14 GRAM REPORT.—Section 716 (10 U.S.C. 1074g
15 note) is amended—

16 (A) by striking subsection (e); and

17 (B) by redesignating subsections (f) and
18 (g) as subsections (e) and (f).

19 (3) WARRIORS IN TRANSITION PROGRAMS RE-
20 PORT.—Section 738 (10 U.S.C. 1071 note) is
21 amended—

22 (A) by striking subsection (e); and

23 (B) by redesignating subsection (f) as sub-
24 section (e).

1 (4) USE OF INDEMNIFICATION AGREEMENTS
2 REPORT.—Section 865 (126 Stat. 1861) is repealed.

3 (5) COUNTER SPACE TECHNOLOGY REPORT.—
4 Section 917 (126 Stat. 1878) is repealed.

5 (6) IMAGERY INTELLIGENCE AND GEOSPATIAL
6 INFORMATION SUPPORT REPORT.—Section 921 (126
7 Stat. 1878) is amended by striking subsection (c).

8 (7) COMPUTER NETWORK OPERATIONS COORDI-
9 NATION REPORT.—Section 1079 (10 U.S.C. 221
10 note) is amended by striking subsection (c).

11 (8) UPDATES OF ACTIVITIES OF OFFICE OF SE-
12 CURITY COOPERATION IN IRAQ REPORT.—Section
13 1211 (126 Stat. 1983) is amended by striking para-
14 graph (3).

15 (9) UNITED STATES PARTICIPATION IN THE
16 ATARES PROGRAM REPORT.—Section 1276 (10
17 U.S.C. 2350c note) is amended—

18 (A) by striking subsections (e) and (f); and

19 (B) by redesignating subsection (g) as sub-
20 section (e).

21 (s) NATIONAL DEFENSE AUTHORIZATION ACT FOR
22 FISCAL YEAR 2014.—The National Defense Authoriza-
23 tion Act for Fiscal Year 2014 (Public Law 113–66) is
24 amended as follows:

1 (1) MODERNIZING PERSONNEL SECURITY
2 STRATEGY METRICS REPORT.—Section 907(c)(3) (10
3 U.S.C. 1564 note) is amended—

4 (A) by striking “(A) METRICS RE-
5 QUIRED.—In” and inserting “In”; and

6 (B) by striking subparagraph (B).

7 (2) DEFENSE CLANDESTINE SERVICE RE-
8 PORT.—Section 923 (10 U.S.C. prec. 421 note) is
9 amended—

10 (A) by striking subsection (b); and

11 (B) by redesignating subsections (c), (d),
12 and (e) as subsection (b), (c), and (d), respec-
13 tively.

14 (3) INTERNATIONAL AGREEMENTS RELATING
15 TO DOD REPORT.—Section 1249 (127 Stat. 925) is
16 repealed.

17 (4) SMALL BUSINESS GROWTH REPORT.—Sec-
18 tion 1611 (127 Stat. 946) is amended by striking
19 subsection (d).

20 (t) NATIONAL DEFENSE AUTHORIZATION ACT FOR
21 FISCAL YEAR 2015.—The Carl Levin and Howard P.
22 “Buck” McKeon National Defense Authorization Act for
23 Fiscal Year 2015 (Public Law 113–291) is amended as
24 follows:

1 (1) ASSIGNMENT OF PRIVATE SECTOR PER-
2 SONNEL TO DEFENSE ADVANCED RESEARCH
3 PROJECTS AGENCY REPORT.—Section 232 (10
4 U.S.C. 2358 note) is amended—

5 (A) by striking subsection (e); and

6 (B) by redesignating subsections (f) and
7 (g) as subsections (e) and (f), respectively.

8 (2) GOVERNMENT LODGING PROGRAM RE-
9 PORT.—Section 914 (5 U.S.C. 5911 note) is amend-
10 ed by striking subsection (d).

11 (3) DOD RESPONSE TO COMPROMISES OF CLAS-
12 SIFIED INFORMATION REPORT.—Section 1052 (128
13 Stat. 3497) is repealed.

14 (4) PERSONNEL PROTECTION AND PERSONNEL
15 SURVIVABILITY EQUIPMENT LOAN REPORT.—Section
16 1207 (10 U.S.C. 2342 note) is amended—

17 (A) by striking subsection (d); and

18 (B) by redesignating subsection (e) as sub-
19 section (d).

20 (5) DOD ASSISTANCE TO COUNTER ISIS RE-
21 PORT.—Section 1236 (128 Stat. 3558) is amended
22 by striking subsection (d).

23 (6) COOPERATIVE THREAT REDUCTION PRO-
24 GRAM USE OF CONTRIBUTIONS REPORT.—Section
25 1325 (50 U.S.C. 3715) is amended—

1 (A) by striking subsection (e); and

2 (B) by redesignating subsections (f) and
3 (g) as subsections (e) and (f), respectively.

4 (7) COOPERATIVE THREAT REDUCTION PRO-
5 GRAM FACILITIES CERTIFICATION REPORT.—Section
6 1341 (50 U.S.C. 3741) is repealed.

7 (8) COOPERATIVE THREAT REDUCTION PRO-
8 GRAM PROJECT CATEGORY REPORT.—Section 1342
9 (50 U.S.C. 3742) is repealed.

10 (9) STATEMENT ON ALLOCATION OF FUNDS
11 FOR SPACE SECURITY AND DEFENSE PROGRAM.—
12 Section 1607 (128 Stat. 3625) is amended—

13 (A) by striking “(a) ALLOCATION OF
14 FUNDS.—”;

15 (B) by striking subsections (b), (c), and
16 (d); and

17 (C) by adding at the end the following new
18 sentence: “This requirement shall terminate on
19 December 19, 2019.”.

20 (u) PRESERVATION OF CERTAIN ADDITIONAL RE-
21 PORTS.—Effective as of December 23, 2016, and as if in-
22 cluded therein as enacted, section 1061(c) of the National
23 Defense Authorization Act for Fiscal Year 2017 (Public
24 Law 114–328) is amended as follows:

1 (1) GENERAL DEFENSE REPORTS.—Paragraph
2 (1) is amended by striking “113(i)” and inserting
3 “113(c), (e), and (i)”.

4 (2) ANNUAL OPERATIONS AND MAINTENANCE
5 REPORT.—Paragraph (2) is amended by inserting
6 after “Section” the following: “116 and section”.

7 (3) SELECTED ACQUISITION REPORTS.—Para-
8 graph (44) is amended by inserting after “Section”
9 the following: “2432 and section”.

10 (4) NATIONAL GUARD BUREAU REPORT.—By
11 inserting after paragraph (63) the following new
12 paragraph:

13 “(64) Section 10504(b).”.

14 (5) REPORT ON PROCUREMENT OF CONTRACT
15 SERVICES.—By inserting after paragraph (64), as
16 added by paragraph (4), the following new para-
17 graph:

18 “(65) Section 235.”.

19 (6) ANNUAL DEFENSE MANPOWER REQUIRE-
20 MENTS REPORT.—By inserting after paragraph (64),
21 as added by paragraph (4), the following new para-
22 graph:

23 “(65) Section 115a.”.

1 (7) STARBASE PROGRAM REPORT.—By in-
2 serting after paragraph (64), as added by paragraph
3 (4), the following new paragraph:

4 “(65) Section 2193b(g).”.

5 (v) PRESERVATION OF VETTED SYRIAN OPPOSITION
6 REPORT.—Effective as of December 23, 2016, and as if
7 included therein as enacted, section 1061(d) of the Na-
8 tional Defense Authorization Act for Fiscal Year 2017
9 (Public Law 114–328) is amended by adding at the end
10 the following new paragraph:

11 “(18) Section 1209(d) (127 Stat. 3542).”.

12 (w) PRESERVATION OF NATIONAL GUARD YOUTH
13 CHALLENGE REPORT.—Effective as of December 23,
14 2016, and as if included therein as enacted, section
15 1061(i) of the National Defense Authorization Act for Fis-
16 cal Year 2017 (Public Law 114–328) is amended by add-
17 ing at the end the following new paragraph:

18 “(34) Section 509(k) of title 32, United States
19 Code.”.

20 (x) ANNUAL REPORT ON SUPPORT TO LAW EN-
21 FORCEMENT AGENCIES CONDUCTING COUNTER-TER-
22 RORISM ACTIVITIES.—Effective as of December 23, 2016,
23 and as if included therein as enacted, section 1061(d) of
24 the National Defense Authorization Act for Fiscal Year

1 2017 (Public Law 114–328) is amended by adding at the
2 end the following new paragraph:

3 “(5) Section 1022(c).”.

4 (y) EFFECTIVE DATE.—Except as provided in sub-
5 sections (u), (v), (w), and (x) the amendments made by
6 this section shall take effect on the later of—

7 (1) the date of the enactment of this Act; or

8 (2) November 25, 2017.

9 **SEC. 1052. REPORT ON DEPARTMENT OF DEFENSE ARCTIC**
10 **CAPABILITY AND RESOURCE GAPS AND RE-**
11 **QUIRED INFRASTRUCTURE.**

12 (a) REPORT REQUIRED.—Not later than 90 days
13 after the date of the enactment of this Act, the Secretary
14 of Defense shall submit to the congressional defense com-
15 mittees a report setting forth—

16 (1) necessary steps the Department of Defense
17 is undertaking to resolve arctic security capability
18 and resource gaps; and

19 (2) the requirements and investment plans for
20 military infrastructure required to protect United
21 States national security interests in the arctic re-
22 gion.

23 (b) ELEMENTS.—The report under subsection (a)
24 shall include an analysis of each of the following:

1 (1) The infrastructure needed to ensure na-
2 tional security in the arctic region.

3 (2) Any shortfalls in observation, remote sens-
4 ing capabilities, ice prediction, and weather fore-
5 casting.

6 (3) Any shortfalls of the Department in naviga-
7 tional aids.

8 (4) Any additional, necessary high-latitude elec-
9 tronic and communications infrastructure require-
10 ments.

11 (5) Any gaps in intelligence, surveillance, and
12 reconnaissance coverage and recommendations for
13 additional intelligence, surveillance, and reconnais-
14 sance capabilities

15 (6) Any shortfalls in personnel recovery capa-
16 bilities.

17 (7) Any additional capabilities the Secretary de-
18 termines should be incorporated into future Navy
19 surface combatants.

20 (c) ADDITIONAL ELEMENTS.—The report under sub-
21 section (a) shall also include the following:

22 (1) A review of United States national security
23 interests in the arctic region, including strategic na-
24 tional assets, United States citizens, territory, free-

1 dom of navigation, and economic and trade interests
2 in the region.

3 (2) A description of United States military ca-
4 pabilities needed for operations in arctic terrain, in-
5 cluding types of forces, major weapon systems, and
6 logistics required for operations in such terrain.

7 (3) A description of the installations, infra-
8 structure, and deep water ports for deployment of
9 assets required to support operations in the arctic
10 region, including the stationing, deployment, and
11 training of military forces for operations in the re-
12 gion.

13 (4) An investment plan to establish the installa-
14 tions and infrastructure required for operations in
15 the arctic region.

16 (d) FORM OF REPORT.—The report under subsection
17 (a) shall be submitted in unclassified form, but may in-
18 clude a classified annex.

19 **SEC. 1053. REVIEW AND ASSESSMENT OF DEPARTMENT OF**
20 **DEFENSE PERSONNEL RECOVERY AND NON-**
21 **CONVENTIONAL ASSISTED RECOVERY MECH-**
22 **ANISMS.**

23 (a) IN GENERAL.—Not later than March 1, 2018, the
24 Secretary of Defense shall submit to the congressional de-
25 fense committees a review and assessment of personnel re-

1 recovery and nonconventional assisted recovery programs,
2 authorities, and policies.

3 (b) ELEMENTS.—The assessment required under
4 subsection (a) shall include each of the following elements:

5 (1) An overall strategy defining personnel re-
6 recovery and nonconventional assisted recovery pro-
7 grams and activities, including how such programs
8 and activities support the requirements of the geo-
9 graphic combatant commanders.

10 (2) A comprehensive review and assessment of
11 statutory authorities, policies, and interagency co-
12 ordination mechanisms, including limitations and
13 shortfalls, for personnel recovery and nonconven-
14 tional assisted recovery programs and activities.

15 (3) A comprehensive description of current and
16 anticipated future personnel recovery and non-
17 conventional assisted recovery requirements across
18 the future years defense program, as validated by
19 the Joint Staff.

20 (4) An overview of validated current and ex-
21 pected future force structure requirements necessary
22 to meet near-, mid-, and long-term personnel recov-
23 ery and nonconventional assisted recovery programs
24 and activities of the geographic combatant com-
25 manders.

1 (5) Any other matters the Secretary considers
2 appropriate.

3 (c) FORM OF ASSESSMENT.—The assessment re-
4 quired under subsection (a) shall be submitted in unclassi-
5 fied form, but may include a classified annex.

6 (d) COMPTROLLER GENERAL REVIEW.—Not later
7 than 90 days after the date on which the assessment re-
8 quired under subsection (a) is submitted, the Comptroller
9 General of the United States shall submit to the congress-
10 sional defense committees a review of such assessment.

11 **SEC. 1054. MINE WARFARE READINESS INSPECTION PLAN**
12 **AND REPORT.**

13 (a) INSPECTION PLAN.—Not later than one year
14 after the date of the enactment of this subsection, the
15 Chief of Naval Operations, in consultation with the Com-
16 batant Commanders, shall submit a plan for inspections
17 of each unit and organization tasked with delivering oper-
18 ational capability, missions and mission essential tasks,
19 functions, supporting roles, organization, manning, train-
20 ing, and materiel for naval mine warfare. At a minimum,
21 inspected units and organizations shall include those re-
22 quired in the Joint Strategic Capabilities Plan and those
23 assigned in the Forces For Unified Commands document
24 or have the potential to support, by deployment or other-
25 wise, a directed Operation Plan, Concept Plan, contin-

1 gency operation, homeland security operation, or Defense
2 Support of Civil Authorities requirements for naval offen-
3 sive or defensive mine warfare.

4 (b) CRITERIA.—This inspection plan shall propose
5 methods to analytically assess, evaluate, improve and as-
6 sure mission readiness of each unit or organization with
7 required operational capabilities for naval mine warfare.
8 Inspection shall include—

9 (1) an assessment or verification of material
10 condition;

11 (2) unit wide training and personnel readiness
12 as measured by established tasks, conditions and
13 standards that demonstrate the unit readiness to
14 perform their wartime or homeland defense mission;

15 (3) force through unit level training;

16 (4) readiness to support multi-echelon, joint
17 service mine warfare operations as part of an offen-
18 sive, defensive mining or mine countermeasures task;

19 (5) readiness to support combatant commander
20 campaign plans, operational plan, concept plan, or
21 the Joint Strategic Capabilities Plan;

22 (6) required operational capability;

23 (7) inspection and reinspection process; and

24 (8) inspection periodicity.

1 (c) APPLICABILITY.—The inspection requirements
2 under this subsection apply to the following units and or-
3 ganizations:

4 (1) Surface MCM vessels or vessels performing
5 MCM tasks.

6 (2) Airborne MCM squadrons.

7 (3) Mobile mine assembly groups and mobile
8 mine assembly units.

9 (4) Fleet patrol squadrons with mine laying ca-
10 pabilities.

11 (5) LCS and LCS MCM mission modules upon
12 reaching IOC.

13 (6) Mine countermeasures squadrons.

14 (7) Units exercising command and control over
15 MIW forces.

16 (8) MCM operational support ships.

17 (9) Attack and guided missile submarines with
18 mine laying capabilities.

19 (10) Magnetic and acoustic silencing facilities.

20 (11) EOD MCM or VSW Companies and Pla-
21 toons.

22 (12) SEAL (ESG / CSG) USMC units with
23 VSW capability.

24 (d) CERTIFICATION.—The Chief of Naval Operations
25 shall submit to the Secretary of Defense, the Combatant

1 Commanders, the Chairman of the Joint Chiefs of Staff
2 and to Congress a report on the program under this sub-
3 section. The report shall contain a classified section which
4 addresses capability and capacity to meet JSCP, OPLAN,
5 CONPLAN and contingency requirements and unclassi-
6 fied section with general summary and readiness trends.

7 (e) CONFORMING REPEAL.—Section 1090 of the Na-
8 tional Defense Authorization Act for Fiscal Year 2016
9 (Public Law 114–92) is repealed.

10 **SEC. 1055. REPORT ON CIVILIAN CASUALTIES FROM DE-**
11 **PARTMENT OF DEFENSE STRIKES.**

12 (a) REPORT REQUIRED.—For each calendar year,
13 the Secretary of Defense shall submit to the congressional
14 defense committees a report on strikes carried out by the
15 Department of Defense against terrorist targets located
16 outside Government-designated areas of active hostilities
17 and against enemy combatants located inside Government-
18 designated areas of active hostilities during the period be-
19 ginning on January 1 and ending on December 31 of the
20 year covered by the report. Such report shall include each
21 of the following, for the period covered by the report:

- 22 (1) The number of such strikes carried out in—
23 (A) locations outside Government-des-
24 ignated areas of active hostilities; and

1 (B) locations inside Government-des-
2 ignated areas of active hostilities.

3 (2) An assessment of the combatant and non-
4 combatant deaths resulting from those strikes, in-
5 cluding the number of such deaths—

6 (A) occurring outside of Government-des-
7 ignated areas of active hostilities; and

8 (B) occurring within Government-des-
9 ignated areas of active hostilities, with the num-
10 ber of such deaths displayed to indicate the
11 Government-designated country or location
12 within the Government-designated country
13 where such deaths occurred.

14 (3) To the extent feasible and appropriate, the
15 general reasons for any discrepancies between post-
16 strike assessments from the Department of Defense
17 and credible reporting from nongovernmental organi-
18 zations regarding non-combatant deaths resulting
19 from such strikes.

20 (4) A description of steps taken by the Depart-
21 ment of Defense to mitigate harm to civilians in con-
22 ducting such strikes.

23 (5) Definitions of the terms “combatant” and
24 “noncombatant” as used in the report.

1 (6) The monthly tabulations collected by the
2 Department of Defense of combatant and non-com-
3 batant casualties occurring inside of areas of active
4 hostilities, and any revisions to previously reported
5 tabulations.

6 (7) A specification of the countries where
7 strikes occurred, or locations within countries where
8 strikes occurred—

9 (A) designated as areas of active hos-
10 tilities; and

11 (B) not designated as areas of active hos-
12 tilities.

13 (b) DEADLINE FOR REPORTS.—The reports required
14 by subsection (a) shall be submitted as follows:

15 (1) The report for 2018 shall be submitted not
16 later than December 31, 2018.

17 (2) The report for 2019, and for each subse-
18 quent year, shall be submitted by not later than
19 March 1 of the year following the year covered by
20 the report.

21 (c) REVIEW OF REPORTING.—In preparing a report
22 under this section, the Secretary of Defense shall review
23 relevant and credible post-strike all-source reporting, in-
24 cluding such information from nongovernmental sources.

1 (d) FORM OF REPORT.—The reports required under
2 subsection (a) shall be submitted in unclassified form, but
3 may include a classified annex.

4 (e) PUBLIC AVAILABILITY.—The Secretary of De-
5 fense shall make the unclassified form of the reports pub-
6 licly available.

7 **SEC. 1056. REPORTS ON INFRASTRUCTURE AND CAPABILI-**
8 **TIES OF LAJES FIELD, PORTUGAL.**

9 (a) FINDINGS.—Congress makes the following find-
10 ings:

11 (1) Lajes Field, Portugal, is an enabler of
12 United States operations in Europe, Africa, and the
13 Atlantic.

14 (2) Lajes field has capabilities and infrastruc-
15 ture that reflect significant long-term investments by
16 the United States, including a 10,000 foot runway,
17 housing for more than 650 personnel and their fami-
18 lies, a power plant and water facilities, significant
19 communication capability, and an award-winning
20 medical clinic.

21 (3) Lajes Field provides a strategic location to
22 monitor the activities of foreign powers in the Atlan-
23 tic and Mediterranean, including Russia's increased
24 naval presence and China's efforts to establish a
25 military presence in the Atlantic.

1 (4) The Department of Defense has not fully
2 utilized the infrastructure at Lajes Field.

3 (b) INFRASTRUCTURE AND CAPABILITIES REPORT.—

4 Not later than 90 days after the date of the enactment
5 of this Act, the Secretary of Defense shall submit to the
6 Committees on Armed Services of the Senate and House
7 of Representatives a report on the infrastructure and ca-
8 pabilities of Lajes Field, Portugal. Such report shall in-
9 clude each of the following:

10 (1) An assessment of the communications infra-
11 structure at Lajes Field, including the estimated
12 cost to—

13 (A) upgrade the existing infrastructure to
14 add additional bandwidth of 56 giga-bits-per-
15 second; and

16 (B) connect the existing infrastructure to
17 any currently planned additional undersea ca-
18 bles to increase the available bandwidth by at
19 least 56 giga-bits-per-second.

20 (2) A justification for the current status of
21 Lajes Field as an unaccompanied tour location and
22 an assessment of the estimated costs of converting
23 assignments at Lajes Field to an accompanied tour
24 location.

1 (3) An assessment of the estimated cost of al-
2 lowing members of the Armed Forces of the United
3 States to occupy the on-base housing owned by the
4 United States.

5 (4) An update to the Housing Requirements
6 and Market Analysis for Lajes Field to assess the
7 housing availability for a base population of up to
8 2000 military and civilian personnel.

9 (5) The cost to establish Lajes Field as a loca-
10 tion for air-to-air training or anti-submarine warfare
11 missions, including the costs of any necessary infra-
12 structure upgrades, as well as any potential oper-
13 ational benefits.

14 (c) FUEL STORAGE SYSTEM REPORT.—Not later
15 than one year after the date of the enactment of this Act,
16 the Secretary of Defense shall submit to the Committees
17 on Armed Services of the Senate and House of Represent-
18 atives a report on the environmental impact of fuel storage
19 systems at Lajes Field, Portugal. Such report shall in-
20 clude an impact assessment of the soil contamination from
21 Department of Defense fuel storage systems at Lajes
22 Field, including an assessment of the causes of the leak
23 of the Cabrito Pipeline.

1 **SEC. 1057. REPORT ON JOINT PACIFIC ALASKA RANGE**
2 **COMPLEX MODERNIZATION.**

3 (a) **REPORT REQUIRED.**—Not later than 120 days
4 after the date of the enactment of this Act, the Secretary
5 of the Air Force shall submit to the congressional defense
6 committees a report regarding proposed improvements to
7 the Joint Pacific Alaska Range Complex.

8 (b) **ELEMENTS.**—The report under subsection (a)
9 shall include the following:

10 (1) An analysis of existing JPARC infrastruc-
11 ture.

12 (2) A summary of improvements to the range
13 infrastructure the Secretary determines are nec-
14 essary—

15 (A) for fifth generation fighters to train at
16 maximum potential; and

17 (B) to provide a realistic air warfare envi-
18 ronment versus a near-peer adversary for—

19 (i) four squadrons of fifth generation
20 fighters;

21 (ii) annual Red Flag-Alaska exercises;
22 and

23 (iii) biannual Operation Northern
24 Edge exercises.

1 **SEC. 1058. REPORT ON POTENTIAL AGREEMENT WITH THE**
2 **GOVERNMENT OF RUSSIA ON THE STATUS OF**
3 **SYRIA.**

4 Before entering into any agreement or understanding
5 with the government of Russia regarding the status of
6 Syria, the President shall submit to Congress a report that
7 includes—

8 (1) a description of any understanding between
9 the President and the government of Russia regard-
10 ing a plan to divide territory among parties to the
11 conflict; and

12 (2) a description of any such understanding
13 that would provide Iran with access to the border
14 between Israel and Syria.

15 **SEC. 1059. REPORT ON PRIOR ATTEMPTED RUSSIAN CYBER**
16 **ATTACKS AGAINST DEFENSE SYSTEMS.**

17 (a) **REPORT REQUIRED.**—Not later than 90 days
18 after the date of the enactment of this Act, the Secretary
19 of Defense, in coordination with the Director of National
20 Intelligence, shall submit to the Congress a written report
21 on all attempts to breach, intrude, or otherwise hack into
22 Department of Defense systems that—

23 (1) occurred during the last 24-month period
24 ending on the date of the enactment of this Act; and

25 (2) were attributable either to the government
26 of the Russian Federation or actors substantially

1 supported by the government of the Russian Federa-
2 tion.

3 (b) FORM OF REPORT.—The report required by sub-
4 section (a) shall be submitted in unclassified form, but
5 may include a classified annex.

6 **SEC. 1060. REPORT ON ALTERNATIVES TO AQUEOUS FILM**
7 **FORMING FOAM.**

8 (a) REPORT REQUIRED.—Not later than 180 days
9 after the date of the enactment of this Act, the Secretary
10 of Defense shall submit to the Committees on Armed Serv-
11 ices of the Senate and the House of Representatives a re-
12 port on the Department’s status toward developing a new
13 military specification for safe and effective alternatives to
14 aqueous film forming foam (hereinafter referred to as
15 “AFFF”) that do not contain perfluorooctanoic acid
16 (hereinafter referred to as “PFOA”) or
17 erfluorooctanesulfonic acid (hereinafter referred to as
18 “PFOS”).

19 (b) ELEMENTS.—The report required by subpara-
20 graph (1) shall include the following:

21 (1) A detailed explanation of the Department’s
22 status toward developing a new military specification
23 for safe and effective alternatives to AFFF that do
24 not contain PFOA or PFOS.

1 (2) An update on the Department's plans for
2 replacing AFFF containing PFOA or PFOS at mili-
3 tary installations across the country and methods of
4 disposal for AFFF containing PFOA or PFOS.

5 (3) An overview of current and planned re-
6 search and development for AFFF alternatives that
7 do not contain PFOA or PFOS.

8 (4) An assessment of how the establishment of
9 a maximum contaminant level for PFOA or PFOS
10 under the Safe Drinking Water Act (42 U.S.C. 300f
11 et seq), rather than the current health advisory level,
12 would impact the Department's mitigation actions,
13 prioritization of such actions, and research and de-
14 velopment related to PFOA and PFOS.

15 **SEC. 1060A. REPORT ON PROJECT, PROGRAM, AND PORT-**
16 **FOLIO MANAGEMENT STANDARDS.**

17 (a) REPORT ON PROJECT, PROGRAM, AND PORT-
18 FOLIO MANAGEMENT STANDARDS.—

19 (1) REPORT.—The Comptroller General of the
20 United States shall deliver, not later than 90 days
21 after enactment, a report to Congress on the adop-
22 tion of project, program, and portfolio management
23 standards within the Department of Defense.

24 (2) ELEMENTS.—The report under paragraph
25 (1) shall address, at a minimum, the following:

1 (A) Existing policy, guidance, and instruc-
2 tion of the Department of Defense related to
3 project, program, and portfolio management.

4 (B) An assessment of how the Department
5 of Defense can incorporate nationally accredited
6 standards for project, program, and portfolio
7 management—as required by Public Law 104–
8 113 and Public Law 114–264—into its existing
9 project, program, and portfolio management
10 policy, guidance, and instruction, as well as how
11 it may replace or revise existing policy, guid-
12 ance, and instruction related to project, pro-
13 gram, and portfolio management.

14 (b) REPORT ON DEPARTMENT OF DEFENSE PORT-
15 FOLIO MANAGEMENT.—

16 (1) REPORT.—The Comptroller General of the
17 United States shall deliver, not later than nine
18 months after enactment, a report to Congress on en-
19 hancing portfolio management capabilities and struc-
20 ture within the Department of Defense.

21 (2) ELEMENTS.—The report under paragraph
22 (1) shall address, at a minimum, the following:

23 (A) Existing policy and guidance of the
24 Department of Defense related to portfolio
25 management, the management and alignment of

1 portfolios of projects and programs to realize
2 organization strategy and objectives.

3 (B) An assessment of how milestone deci-
4 sion authority and budget allocations in a port-
5 folio management model at the enterprise, Pro-
6 gram Executive Officer, and Service Acquisition
7 Executive levels could be revised in a manner
8 consistent with the existing Defense Acquisition
9 Management System framework and Office of
10 Management and guidance set forth in Office of
11 Management and Budget Circular A-11 to
12 streamline decisionmaking authority and en-
13 hance agility, including the appropriate roles for
14 developing, managing, and overseeing portfolio
15 strategies, portfolio roadmaps and portfolio doc-
16 umentation, portfolio decisionmaking, and port-
17 folio budget decisions.

18 (C) An assessment of portfolio organiza-
19 tional structures within government and indus-
20 try with the potential to improve integration of
21 overall Department of Defense enterprise strat-
22 egy and program execution.

23 (D) An assessment of nationally accredited
24 standards-based portfolio management models
25 for adoption by the Department of Defense to

1 manage its portfolios of projects and programs
2 and streamline decisionmaking.

3 (E) An assessment of the Department of
4 Defense's existing standards, policy, guidance,
5 and instruction for portfolio management and
6 how the adoption of nationally accredited stand-
7 ards for portfolio management may replace or
8 revise existing policy, guidance and instruction.

9 (F) Any other matters related to Depart-
10 ment of Defense portfolio management the
11 Comptroller General determines are relevant.

12 **SEC. 1060B. STUDY ON HEALTH EFFECTS OF EXPOSURE TO**
13 **PERFLUOROCTANE SULFONATE AND**
14 **PERFLUOROCTANOIC ACID FROM FIRE-**
15 **FIGHTING FOAM USED AT MILITARY INSTAL-**
16 **LATIONS.**

17 (a) STUDY.—The Secretary of Defense, in consulta-
18 tion with the Administrator of the Agency for Toxic Sub-
19 stances and Disease Registry, shall carry out a study on
20 any health effects experienced by individuals who are ex-
21 posed to perfluorooctane sulfonate and perfluorooctanoic
22 acid from firefighting foam used at military installations
23 or former military installations, including exposure
24 through a well that provides water for human consumption
25 that the Secretary determines is contaminated with

1 perfluorooctane sulfonate and perfluorooctanoic acid from
2 such firefighting foam.

3 (b) DESIGN OF STUDY.—The Secretary shall ensure
4 that the study under subsection (a) meets the following
5 criteria:

6 (1) The study includes a review of relevant lit-
7 erature.

8 (2) The study includes community input
9 through community advisory groups or focus groups.

10 (3) The study identifies existing research re-
11 garding health effects relating to exposure described
12 in subsection (a).

13 (4) The study includes protocols based on ex-
14 pertise from epidemiologists.

15 (5) The study identifies and characterizes one
16 or more sources of water contamination and collects
17 preliminary information on the magnitude and dis-
18 tribution of such exposure.

19 (6) Based on the information learned under
20 paragraphs (1) through (5), the study determines
21 the specific health effects and perfluorooctane
22 sulfonates and perfluorooctanoic acids to evaluate.

23 (7) The study includes biomonitoring from a
24 sample of community members, including with re-

1 spect to specific subgroups considered at risk for
2 such exposure.

3 (8) The study collects data on possible biologi-
4 cal changes potentially associated with such expo-
5 sure.

6 (9) The study includes detailed exposure and
7 health questionnaires.

8 (10) The study includes the review of medical
9 records.

10 (11) The study analyzes data for an association
11 between such exposure and potential health effects.

12 (c) SUBMISSION.—Not later than five years after the
13 date of the enactment of this Act, the Secretary shall sub-
14 mit to the congressional defense committees the study
15 under subsection (a). The Secretary shall make such study
16 publicly available pursuant to section 122a of title 10,
17 United States Code.

18 **SEC. 1060C. REPORT ON THE NATIONAL BIODEFENSE ANAL-**
19 **YSIS AND COUNTERMEASURES CENTER.**

20 (a) REPORT.—Not later than December 31, 2017,
21 the Secretary of Defense shall submit to the appropriate
22 Congressional committees a report, prepared in consulta-
23 tion with the officials listed in subsection (b), on the Na-
24 tional Biodefense Analysis and Countermeasures Center

1 (referred to in this section as the “NBACC”) containing
2 the following information:

3 (1) The functions of the NBACC.

4 (2) The end users of the NBACC, including
5 those whose assets may be managed by other agen-
6 cies.

7 (3) The cost and mission impact for each user
8 identified under paragraph (2) of any potential clo-
9 sure of the NBACC, including an analysis of the
10 functions of the NBACC that cannot be replicated
11 by other departments and agencies of the Federal
12 Government.

13 (4) In the case of closure of the NBACC, a
14 transition plan for any essential functions currently
15 performed by the NBACC to ensure mission con-
16 tinuity, including the storage of samples needed for
17 ongoing criminal cases.

18 (b) CONSULTATION.—The officials listed in this sub-
19 section are the following:

20 (1) The Secretary of Homeland Security.

21 (2) The Director of the Federal Bureau of In-
22 vestigation.

23 (3) The Attorney General.

24 (4) The Director of National Intelligence.

1 (5) As determined by the Secretary of Home-
2 land Security, the leaders of other offices that utilize
3 the NBACC.

4 (c) FORM.—The report submitted under subsection
5 (a) shall be submitted in unclassified form, but may con-
6 tain a classified annex.

7 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
8 DEFINED.—For purposes of this section, the term “appro-
9 priate Congressional Committees” means the Committees
10 on Appropriations of the Senate and the House of Rep-
11 resentatives, the Committees on Armed Services of the
12 Senate and the House of Representatives, the Committee
13 on Homeland Security of the House of Representatives,
14 the Committee on Homeland Security and Government Af-
15 fairs of the Senate, the Committees on Judiciary of the
16 Senate and the House of Representatives, and the Com-
17 mittee on Oversight and Government Reform of the House
18 of Representatives.

19 **Subtitle F—Other Matters**

20 **SEC. 1061. TECHNICAL, CONFORMING, AND CLERICAL** 21 **AMENDMENTS.**

22 (a) TITLE 10, UNITED STATES CODE.—Title 10,
23 United States Code, is amended as follows:

24 (1) Section 113(j)(1) is amended by striking
25 “the Committee on” the first place it appears and

1 all that follows through “of Representatives” and in-
2 serting “congressional defense committees”.

3 (2) Section 115(i)(9) is amended by striking
4 “section 1203(b) of the Cooperative Threat Reduc-
5 tion Act of 1993 (22 U.S.C. 5952(b))” and inserting
6 “section 1321(a) of the Department of Defense Co-
7 operative Threat Reduction Act (50 U.S.C.
8 3711(a))”.

9 (3) Section 122a(a) is amended by striking
10 “acting through the Office of the Assistant Sec-
11 retary of Defense for Public Affairs” and inserting
12 “acting through the Assistant to the Secretary of
13 Defense for Public Affairs”.

14 (4) Section 127(e)(1) is amended by striking
15 “the Committee on” the first place it appears and
16 all that follows through “of Representatives” and in-
17 serting “congressional defense committees”.

18 (5) Section 129a(b) is amended by striking “(as
19 identified pursuant to section 118b of this title)”.

20 (6) Section 130f(b)(1) is amended by adding a
21 period at the end.

22 (7) Section 139b(c)(2) is amended by inserting
23 a period at the end of subparagraph (K).

1 (8) Section 153(a) is amended by inserting a
2 colon after “the following” in the matter preceding
3 paragraph (1).

4 (9) Section 162(a)(4) is amended by striking
5 the comma after “command of”.

6 (10) Section 164(a)(1)(B) is amended by strik-
7 ing “section 664(f)” and inserting “section 664(d)”.

8 (11) Section 166(c) is amended by striking
9 “section 2011” and inserting “section 322”.

10 (12) Section 167b(e)(2)(A)(iii)(II) is amended
11 by striking “Fiscal Year 2014” and inserting “Fis-
12 cal Year 2016”.

13 (13) Section 171a is amended—

14 (A) in subsection (f), by striking “(4)”
15 and inserting “(4))”; and

16 (B) in subsection (i)(3), by striking “sec-
17 tion 2366(e)” and inserting “sections 2366(e)
18 and 2366a(d)”.

19 (14) Section 179(f)(3)(B)(iii) is amended by
20 striking “Joints” and inserting “Joint”.

21 (15) Section 181(b)(1) is amended by striking
22 “section 118” and inserting “section 113(g)”.

23 (16) Section 222(b) is amended by striking
24 “both” through the period at the end and inserting
25 “major force programs.”.

1 (17) Section 342(j)(2) is amended by striking
2 the second period at the end.

3 (18) Section 347(a)(1)(A) is amended by insert-
4 ing “section” in clauses (i) and (iii) after “Academy
5 under”.

6 (19) Section 494(b)(2)(B) is amended by strik-
7 ing “of title 10” and inserting “of this title”.

8 (20) Section 661(c) is amended by striking
9 “section 664(f)” in paragraphs (1)(B)(i) and (3)(A)
10 and inserting “section 664(d)”.

11 (21) Section 801 (article 1 of the Uniform Code
12 of Military Justice) is amended in the matter pre-
13 ceding paragraph (1) by striking “chapter:” and in-
14 serting “chapter (the Uniform Code of Military Jus-
15 tice):”.

16 (22) Section 806b(b) (article 6b(b) of the Uni-
17 form Code of Military Justice) is amended by strik-
18 ing “(the Uniform Code of Military Justice)”.

19 (23) Section 1073c(a)(1)(E) is amended by
20 striking “miliary” and inserting “military”.

21 (24) Section 1074g(a)(9) is amended by moving
22 subparagraphs (B) and (C) two ems to the left.

23 (25) Section 1451 is amended in subsections
24 (a) and (b) by striking “section 1450(a)(4)” each
25 place it appears and inserting “section 1450(a)(5)”.

1 (26) Section 1452(c) is amended in paragraphs
2 (1) and (3) by striking “section 1450(a)(4)” both
3 places it appears and inserting “section 1450(a)(5)”.

4 (27) Subsection (i) of section 1552, as redesignated by section 511(a)(1) of this Act, is amended
5 by striking “calender” each place it appears and in-
6 serting “calendar”.

8 (28) Section 1553(f) is amended by striking
9 “calender” each place it appears and inserting “cal-
10 endar”.

11 (29) Section 2264(b)(3) is amended by striking
12 “the date of the” and all the follows through “2015”
13 and inserting “December 19, 2014”.

14 (30) Section 2330a is amended—

15 (A) in subsection (d)(1)(C), by striking
16 “management.,” and inserting “management;”;
17 and

18 (B) in subsection (h)—

19 (i) in paragraph (1), by inserting
20 “PERFORMANCE-BASED.—” after “(1)”;

21 (ii) by designating the four para-
22 graphs after paragraph (4) as paragraphs
23 (5), (6), (7), and (8), respectively;

1 (iii) in paragraph (5), as redesignated,
2 by inserting “SERVICE ACQUISITION PORT-
3 FOLIO GROUPS.—” after “(5)”; and

4 (iv) in paragraph (6), as redesignated,
5 by inserting “STAFF AUGMENTATION CON-
6 TRACTS.—” after “(6)”.

7 (31) Section 2334(a)(6)(B) is amended by add-
8 ing a semicolon at the end.

9 (32) Section 2335 is amended by striking “(2
10 U.S.C. 431 et seq.)” in subsections (c)(1) and (d)(3)
11 and inserting “(52 U.S.C. 30101 et seq.)”.

12 (33) The table of sections at the beginning of
13 chapter 139 is amended by inserting at period at the
14 end of the items relating to sections 2372 and
15 2372a.

16 (34) Section 2364(a)(6) is amended by striking
17 “conveys” and inserting “convey”.

18 (35) Section 2411(1)(D) is amended by striking
19 “(Public Law 93–638; 25 U.S.C. 450b(l))” and in-
20 serting “(25 U.S.C. 5304(1))”.

21 (36) The item relating to section 2431b in the
22 table of sections at the beginning of chapter 144 is
23 amended to read as follows:

“2431b. Risk management and mitigation in major defense acquisition programs
and major systems.”.

1 (37) Section 2430 is amended by striking “sub-
2 section (a)(2)” in subsections (b) and (c) and insert-
3 ing “subsection (a)(1)(B)”.

4 (38) Section 2431a(d) is amended by inserting
5 “(1)” after “REVIEW.—”.

6 (39) Section 2446b(e) is amended—

7 (A) in the matter preceding paragraph (1),
8 by striking “in writing that—” and inserting
9 “in writing—”; and

10 (B) in paragraph (1), by inserting “, that”
11 after “open system approach”.

12 (40) Section 2548(e) is amended—

13 (A) by striking “REQUIREMENTS” and all
14 that follows through “by the Secretary” and in-
15 serting “REQUIREMENT.—The annual report
16 prepared by the Secretary”;

17 (B) by striking “system; and” and insert-
18 ing “system.”; and

19 (C) by striking paragraph (2).

20 (41) The table of sections at the beginning of
21 chapter 152 is amended by inserting a period at the
22 end of the item relating to section 2567.

23 (42) Section 2576a(b) is amended by striking
24 “and” at the end of paragraph (4).

1 (43) Section 2612(a) is amended by striking
2 “section 2166(f)(4)” and inserting “section
3 343(f)(4)”.

4 (44) Section 2662(f)(1)(D) is amended by
5 striking “section 334” and inserting “section 254”.

6 (45) Section 2667(e) is amended—

7 (A) in paragraph (1)(E), by striking “mili-
8 tary museum described in section 489(a) of this
9 title” and inserting “military museum”;

10 (B) in paragraph (4), by striking “before
11 January 1, 2005, shall be deposited into the ac-
12 count” and inserting “shall be deposited into
13 the Department of Defense Base Closure Ac-
14 count”; and

15 (C) by striking paragraph (5).

16 (46) Section 2667(k) is amended by striking
17 “section 9101” and inserting “section 8101”.

18 (47) Section 2674(f)(2) is amended by adding
19 at the end the following new sentence: “The term in-
20 cludes the Raven Rock Mountain Complex.”.

21 (48) Section 2925(b)(1) is amended by striking
22 “section 138c” and inserting “section 2926(b)”.

23 (49) Chapter 449 is amended—

24 (A) by striking the second section 4781;
25 and

1 (B) in the table of sections, by striking the
2 item relating to the second section 4781.

3 (50) Section 7235(e)(1) is amended by striking
4 “24 months after the date of the enactment of this
5 section” and inserting “November 25, 2017,”.

6 (51) The item relating to section 9517 in the
7 table of sections at the beginning of chapter 931 is
8 amended by making the first letter of the third word
9 lower case.

10 (b) AMENDMENTS RELATED TO REPEAL OF PEND-
11 ING AUTHORITY TO ESTABLISH UNDER SECRETARY OF
12 DEFENSE FOR BUSINESS MANAGEMENT AND INFORMA-
13 TION.—

14 (1) NATIONAL DEFENSE AUTHORIZATION ACT
15 FOR FISCAL YEAR 2015.—Effective as of December
16 23, 2016, section 901 of the Carl Levin and Howard
17 P. “Buck” McKeon National Defense Authorization
18 Act for Fiscal Year 2015 (Public Law 113–291; 128
19 Stat. 3462), as amended by section 901(d) of the
20 National Defense Authorization Act for Fiscal Year
21 2017 (Public Law 114–328; 130 Stat. 2342), is fur-
22 ther amended—

23 (A) by striking subsection (j);

24 (B) in subsection (l)(1), by striking sub-
25 paragraph (A);

1 (C) in subsection (m), by striking para-
2 graphs (1) and (2); and

3 (D) in subsection (n), by striking para-
4 graph (1).

5 (2) NATIONAL DEFENSE AUTHORIZATION ACT
6 FOR FISCAL YEAR 2016.—Effective as of November
7 25, 2015, subsection (f) of section 883 of the Na-
8 tional Defense Authorization Act for Fiscal Year
9 2016 (Public Law 114–92), as added by section
10 1081(e)(5) of the National Defense Authorization
11 Act for Fiscal Year 2017 (Public Law 114–328), is
12 amended by striking paragraph (1).

13 (c) TECHNICAL CORRECTIONS RELATED TO UNI-
14 FORM CODE OF MILITARY JUSTICE REFORM.—

15 (1) IN GENERAL.—Chapter 47 of title 10,
16 United States Code (the Uniform Code of Military
17 Justice), as amended by the Military Justice Act of
18 2016 (division E of Public Law 114–328), is further
19 amended as follows:

20 (A) Subsection (a)(4) of section 839 (arti-
21 cle 39), as added by section 5222(1) of the
22 Military Justice Act of 2016 (130 Stat. 2909),
23 is amended by striking “in non-capital cases
24 unless the accused requests sentencing by mem-
25 bers under section 825 of this title (article 25)”

1 and inserting “under section 853(b)(1) of this
2 title (article 53(b)(1))”.

3 (B) Subsection (i) of section 843 (article
4 43), as added by section 5225(e) of the Military
5 Justice Act of 2016 (130 Stat. 2909), is
6 amended by striking “DNA EVIDENCE.—” and
7 inserting “DNA EVIDENCE.—”.

8 (C) Section 848(e)(1) (article 48(c)(1)), as
9 amended by section 5230 of the Military Jus-
10 tice Act of 2016 (130 Stat. 2913), is further
11 amended by striking “section 866(g) of this
12 title (article 66(g))” and inserting “section
13 866(h) of this title (article 66(h))”.

14 (D) Section 853(b)(1)(B) (article
15 53(b)(1)(B)), as amended by section 5236 of
16 the Military Justice Act of 2016 (130 Stat.
17 2937), is further amended by striking “in a
18 trial”.

19 (E) Subsection (d) of section 853a (article
20 53a), as added by section 5237 of the Military
21 Justice Act of 2016 (130 Stat. 2917), is
22 amended by striking “military judge” the sec-
23 ond place it appears and inserting “court-mar-
24 tial”.

1 (F) Section 864(a) (article 64(a)), as
2 amended by section 5328(a) of the Military
3 Justice Act of 2016 (130 Stat. 2929), is fur-
4 ther amended by striking “(a) (a) IN GEN-
5 ERAL.—” and inserting “(a) IN GENERAL.—”.

6 (G) Subsection (b)(1) of section 865 (arti-
7 cle 65), as added by section 5329 of the Mili-
8 tary Justice Act of 2016 (130 Stat. 2930), is
9 amended by striking “section 866(b)(2) of this
10 title (article 66(b)(2))” and inserting “section
11 866(b)(3) of this title (article 66(b)(3))”.

12 (H) Subsection (f)(3) of section 866 (arti-
13 cle 66), as added by section 5330 of the Mili-
14 tary Justice Act of 2016 (130 Stat. 2932), is
15 amended by inserting after “Court” the first
16 place it appears the following: “of Criminal Ap-
17 peals”.

18 (I) Section 869(c)(1)(A) (article
19 69(c)(1)(A)), as amended by section 5333 of
20 the Military Justice Act of 2016 (130 Stat.
21 2935), is further amended by inserting a
22 comma after “in part”.

23 (J) Section 882(b) (article 82(b)), as
24 amended by section 5403 of the Military Jus-
25 tice Act of 2016 (130 Stat. 2939), is further

1 amended by striking “section 99” and inserting
2 “section 899”.

3 (K) Section 919a(b) (article 119a(b)), as
4 amended by section 5401(13)(B) of the Military
5 Justice Act of 2016 (130 Stat. 2939), is fur-
6 ther amended—

7 (i) by striking “928a, 926, and 928”
8 and inserting “926, 928, and 928a”; and

9 (ii) by striking “128a 126, and 128”
10 and inserting “126, 128, and 128a”.

11 (L) Section 920(g)(2) (article 120(g)(2)),
12 as amended by section 5430(b) of the Military
13 Justice Act of 2016 (130 Stat. 2949), is fur-
14 ther amended in the first sentence by striking
15 “brest” and inserting “breast”.

16 (M) Section 928(b)(2) (article 128(b)(2)),
17 as amended by section 5441 of the Military
18 Justice Act of 2016 (130 Stat. 2954), is fur-
19 ther amended by striking the comma after
20 “substantial bodily harm”.

21 (N) Subsection (b)(2) of section 932 (arti-
22 cle 132), as added by section 5450 of the Mili-
23 tary Justice Act of 2016 (130 Stat. 2957), is
24 amended by striking “section 1034(h)” and in-
25 serting “section 1034(j)”.

1 (O) Section 937 (article 137), as amended
2 by section 5503 of the Military Justice Act of
3 2016 (130 Stat. 2960), is further amended by
4 striking “(the Uniform Code of Military Jus-
5 tice)” each place it appears as follows:

6 (i) In subsection (a)(1), in the matter
7 preceding subparagraph (A).

8 (ii) In subsection (b), in the matter
9 preceding subparagraph (A).

10 (iii) In subsection (d), in the matter
11 preceding paragraph (1).

12 (2) CROSS-REFERENCES TO STALKING.—Title
13 10, United States Code, is amended as follows:

14 (A) Section 673(a) is amended—

15 (i) by striking “920a, or 920c” and
16 inserting “920c, or 930”; and

17 (ii) by striking “120a, or 120c” and
18 inserting “120c, or 130”.

19 (B) Section 674(a) is amended—

20 (i) by striking “920a, 920b, 920c, or
21 925” and inserting “920b, 920c, 125, or
22 930”; and

23 (ii) by striking “120a, 120b, 120c, or
24 125” and inserting “120b, 120c, 125, or
25 130”.

1 (C) Section 1034(c)(2)(A) is amended by
2 striking “sections 920 through 920c of this title
3 (articles 120 through 120c of the Uniform Code
4 of Military Justice)” and inserting “section
5 920, 920b, 920c, or 930 of this title (article
6 120, 120b, 120c, or 130 of the Uniform Code
7 of Military Justice)”.

8 (D) Section 1044e(g)(1) is amended—

9 (i) by striking “920a, 920b, 920c, or
10 925” and inserting “920b, 920c, 125, or
11 930”; and

12 (ii) by striking “120a, 120b, 120c, or
13 125” and inserting “120b, 120c, 125, or
14 130”.

15 (3) EFFECTIVE DATE.—The amendments made
16 by this subsection shall take effect immediately after
17 the amendments made by the Military Justice Act of
18 2016 (division E of Public Law 114–328) take effect
19 as provided for in section 5542 of that Act (130
20 Stat. 2967).

21 (d) NATIONAL DEFENSE AUTHORIZATION ACT FOR
22 FISCAL YEAR 2017.—Effective as of December 23, 2016,
23 and as if included therein as enacted, the National De-
24 fense Authorization Act for Fiscal Year 2017 (Public Law
25 114–328) is amended as follows:

1 (1) Section 217(a)(2) (130 Stat. 2051) is
2 amended by striking “section 821b” and inserting
3 “section 821(b)”.

4 (2) Section 233 (10 U.S.C. 2358 note; 130
5 Stat. 2061) is amended in subsections (a)(1) and
6 (b)(1), by striking “secretaries” and inserting “Sec-
7 retaries”.

8 (3) Section 728(b)(1) (130 Stat. 2234) is
9 amended by inserting “(c)” after “Section 1073b”.

10 (4) Section 805(a)(2) (130 Stat. 2255) is
11 amended by striking “The table of chapters for title
12 10, United States Code, is” and inserting “The ta-
13 bles of chapters at the beginning of subtitle A, and
14 at the beginning of part IV of subtitle A, of title 10,
15 United States Code, are”.

16 (5) The matter to be inserted by section
17 824(d)(1)(B) (130 Stat. 2279) is amended—

18 (A) by striking “(3)” and inserting “(4)”;

19 and

20 (B) by striking “(4)” and inserting “(5)”.

21 (6) Section 833(b)(2)(C) (130 Stat. 2284) is
22 amended—

23 (A) in clause (ii), by striking “Section
24 2330a(j) of title 10, United States Code,” and
25 inserting “Section 2330a(h) of title 10, United

1 States Code, as redesignated by section
2 812(d),”; and

3 (B) in clause (iii), in the matter proposed
4 to be inserted, by striking “section 2330a(j)”
5 and inserting “section 2330a(h)”.

6 (7) Section 865(b)(2) (130 Stat. 2305) is
7 amended by striking “section 2330a(g)(5)” and in-
8 serting “section 2330a(h)(6)”.

9 (8) Section 893(c) (130 Stat. 2324) is amended
10 by inserting “paragraph (2) of” after “is further
11 amended in”.

12 (9) Section 902(b) (130 Stat. 2344) is amended
13 by striking “Section 151(b)(5)” and inserting “Sec-
14 tion 131(b)(5)”.

15 (10) Section 921(c) (130 Stat. 2351) is amend-
16 ed by inserting after “The text of” the following:
17 “subsection (a) (after the subsection heading)”.

18 (11) Section 1061(c)(23) (130 Stat. 2400) is
19 amended by striking “488(c)” and inserting “488”.

20 (12) Section 1061(i) (130 Stat. 2404) is
21 amended—

22 (A) in paragraph (23), by striking “2010
23 (Public Law 110–417)” and inserting “2009
24 (Public Law 110–417; 10 U.S.C. prec. 701
25 note)”; and

1 (B) in paragraph (24), by striking “2010”
2 and inserting “2009”.

3 (13) Section 1064(b) (130 Stat. 2409) is
4 amended by striking “Public Law 113–239” and in-
5 serting “Public Law 112–239”.

6 (14) Section 1253(b) (130 Stat. 2532) is
7 amended by striking “this subchapter” both places
8 it appears and inserting “this subtitle”.

9 (15) Section 2811(c) (130 Stat. 2716) is
10 amended by striking “, and the provisions of law
11 amended by subsections (a) and (b) of that section
12 shall be restored as if such section had not been en-
13 acted into law”.

14 (16) Section 2829E(a) (130 Stat. 2733) is
15 amended by striking paragraph (3).

16 (17) Section 5225(f) (130 Stat. 2910) is
17 amended by striking “this subsection” and inserting
18 “this section”.

19 (18) The table of sections to be inserted by sec-
20 tion 5452 (130 Stat. 2958) is amended—

21 (A) by striking “Art.” each place it ap-
22 pears, except the first place it appears;

23 (B) in the item relating to section 887a, by
24 striking “Resistance” and inserting “Resist-
25 ance”;

1 (C) in the item relating to section 908, by
2 striking “of the United States–Loss” and in-
3 serting “of United States–Loss,”;

4 (D) in the item relating to section 909, by
5 striking “of the” and inserting “of”; and

6 (E) in the item relating to section 909a, by
7 striking the second period at the end.

8 (19) The matters to be inserted by section 5541
9 (130 Stat. 2965) is amended—

10 (A) by striking “Art.” each place it ap-
11 pears;

12 (B) by striking “825.” and inserting
13 “825a.”; and

14 (C) by striking “830.” and inserting
15 “830a.”.

16 (e) NATIONAL DEFENSE AUTHORIZATION ACT FOR
17 FISCAL YEAR 2016.—Effective as of November 25, 2015,
18 and as if included therein as enacted, section 574 of the
19 National Defense Authorization Act for Fiscal Year 2016
20 (Public Law 114–92; 129 Stat. 831) is amended by strik-
21 ing “1785 note” both places it appears and inserting
22 “1788 note”.

23 (f) NATIONAL DEFENSE AUTHORIZATION ACT FOR
24 FISCAL YEAR 2015.—Effective as of December 19, 2014,
25 and as if included therein as enacted, section

1 1044(a)(2)(A) of the National Defense Authorization Act
2 for Fiscal Year 2015 (Public Law 113–291; 128 Stat.
3 3493) is amended by striking “October 28” and inserting
4 “September 30”.

5 (g) NATIONAL DEFENSE AUTHORIZATION ACT FOR
6 FISCAL YEAR 2011.—Effective as of January 7, 2011,
7 and as if included therein as enacted, section 896(b) of
8 the Ike Skelton National Defense Authorization Act for
9 Fiscal Year 2011 (Public Law 111–398; 124 Stat. 4315)
10 is amended—

11 (1) in paragraph (1), by striking “Chapter”
12 and inserting “Subchapter II of chapter”; and

13 (2) in paragraph (2), by striking “chapter” and
14 inserting “subchapter”.

15 (h) NATIONAL DEFENSE AUTHORIZATION ACT FOR
16 FISCAL YEAR 2009.—Section 943(d)(1) of the Duncan
17 Hunter National Defense Authorization Act for Fiscal
18 Year 2009 (Public Law 110–417), as amended by section
19 1205(c)(2) of Public Law 112–81 (125 Stat. 1623), is fur-
20 ther amended by striking the second period at the end of
21 the first sentence.

22 (i) NATIONAL DEFENSE AUTHORIZATION ACT FOR
23 FISCAL YEAR 2004.—Section 1022(e) of the National De-
24 fense Authorization Act for Fiscal Year 2004 (Public Law
25 108–136; 10 U.S.C. 271 note) is amended by striking

1 “section 1004(j)” and all that follows through the end of
2 the subsection and inserting “section 284(i) of title 10,
3 United States Code”.

4 (j) COORDINATION WITH OTHER AMENDMENTS
5 MADE BY THIS ACT.—For purposes of applying amend-
6 ments made by provisions of this Act other than this sec-
7 tion, the amendments made by this section shall be treated
8 as having been enacted immediately before any such
9 amendments by other provisions of this Act.

10 **SEC. 1062. WORKFORCE ISSUES FOR RELOCATION OF MA-**
11 **RINES TO GUAM.**

12 (a) IN GENERAL.—Section 6(b) of the Joint Resolu-
13 tion entitled “A Joint Resolution to approve the ‘Covenant
14 To Establish a Commonwealth of the Northern Mariana
15 Islands in Political Union With the United States of
16 America’, and for other purposes”, approved March 24,
17 1976 (48 U.S.C. 1806(b)) is amended to read as follows:

18 “(b) NUMERICAL LIMITATIONS FOR NONIMMIGRANT
19 WORKERS.—An alien, if otherwise qualified, may seek ad-
20 mission to Guam or to the Commonwealth during the
21 transition program as a nonimmigrant worker under sec-
22 tion 101(a)(15)(H) of the Immigration and Nationality
23 Act (8 U.S.C. 1101(a)(15)(H)) without counting against
24 the numerical limitations set forth in section 214(g) of
25 such Act (8 U.S.C. 1184(g)). An alien, if otherwise quali-

1 fied, may, before October 1, 2020, be admitted under sec-
2 tion 101(a)(15)(H)(ii)(b) of such Act for a period of up
3 to 3 years (which may be extended by the Secretary of
4 Homeland Security before October 1, 2020, for an addi-
5 tional period or periods not to exceed 3 years each) to per-
6 form services or labor on Guam pursuant to any agree-
7 ment entered into by a prime contractor or subcontractor
8 calling for services or labor required for performance of
9 the contract or subcontract in direct support of all mili-
10 tary-funded construction, repairs, renovation, and facili-
11 ties services, or to perform services or labor on Guam as
12 a health-care worker, notwithstanding the requirement of
13 such section that the service or labor be temporary. This
14 subsection does not apply to any employment to be per-
15 formed outside of Guam or the Commonwealth.”.

16 (b) EFFECTIVE DATE.—The amendment made by
17 subsection (a) shall take effect on the date that is 120
18 days after the date of the enactment of this Act.

19 **SEC. 1063. PROTECTION OF SECOND AMENDMENT RIGHTS**
20 **OF MILITARY FAMILIES.**

21 (a) SHORT TITLE.—This section may be cited as the
22 “Protect Our Military Families’ 2nd Amendment Rights
23 Act”.

24 (b) RESIDENCY OF SPOUSES OF MEMBERS OF THE
25 ARMED FORCES TO BE DETERMINED ON THE SAME

1 BASIS AS THE RESIDENCY OF SUCH MEMBERS FOR PUR-
2 POSES OF FEDERAL FIREARMS LAWS.—Section 921(b) of
3 title 18, United States Code, is amended to read as fol-
4 lows:

5 “(b) For purposes of this chapter:

6 “(1) A member of the Armed Forces on active
7 duty and the spouse of such a member are residents
8 of the State in which the permanent duty station of
9 the member is located.

10 “(2) The spouse of such a member may satisfy
11 the identification document requirements of this
12 chapter by presenting—

13 “(A) the military identification card issued
14 to the spouse; and

15 “(B) the official Permanent Change of
16 Station Orders annotating the spouse as being
17 authorized for collocation, or an official letter
18 from the commanding officer of the member
19 verifying that the member and the spouse are
20 collocated at the permanent duty station of the
21 member.”.

22 (c) EFFECTIVE DATE.—The amendment made by
23 subsection (b) shall apply to conduct engaged in after the
24 6-month period that begins with the date of the enactment
25 of this Act.

1 **SEC. 1064. TRANSFER OF SURPLUS FIREARMS TO COR-**
2 **PORATION FOR THE PROMOTION OF RIFLE**
3 **PRACTICE AND FIREARMS SAFETY.**

4 (a) IN GENERAL.—Section 40728(h) of title 36,
5 United States Code, is amended—

6 (1) by striking “(1) Subject to paragraph (2),
7 the Secretary may transfer” and inserting “The Sec-
8 retary shall transfer”;

9 (2) by striking “The Secretary shall determine
10 a reasonable schedule for the transfer of such sur-
11 plus pistols.”; and

12 (3) by striking paragraph (2).

13 (b) TERMINATION OF PILOT PROGRAM.—Section
14 1087 of the National Defense Authorization Act for Fiscal
15 Year 2016 (Public Law 114–92; 129 Stat. 1012) is
16 amended by striking subsections (b) and (c).

17 **SEC. 1065. NATIONAL GUARD ACCESSIBILITY TO DEPART-**
18 **MENT OF DEFENSE ISSUED UNMANNED AIR-**
19 **CRAFT.**

20 (a) REVIEW REQUIRED.—Not later than one year
21 after the date of the enactment of this Act, the Secretary
22 of Defense, in coordination with the Chief of the National
23 Guard Bureau, the Commander of United States North-
24 ern Command, and the Commander of United States Pa-
25 cific Command, shall conduct an efficiency and effective-
26 ness review of the governance structure, coordination proc-

1 esses, documentation, and timing and deadline require-
2 ments stipulated in Department of Defense Policy Memo-
3 randum 15-002, entitled “Guidance for the Domestic Use
4 of Unmanned Aircraft Systems” and dated February 17,
5 2015. In conducting the review, the Secretary shall take
6 into account information and data points provided by
7 State governors and State adjutant generals in assessing
8 the efficiency and effectiveness of accessing Department
9 of Defense issued unmanned aircraft systems for State
10 and National Guard operations.

11 (b) SUBMITTAL TO CONGRESS.—Not later than 30
12 days after the completion of the review required by sub-
13 section (a), the Secretary shall submit the review to the
14 Committees on Armed Services of the Senate and House
15 of Representatives.

16 **SEC. 1066. SENSE OF CONGRESS REGARDING AIRCRAFT**
17 **CARRIERS.**

18 (a) FINDINGS.—Congress makes the following find-
19 ings:

20 (1) Naval aviation was born in the United
21 States when Eugene Ely launched from the deck of
22 a United States Navy ship on November 14, 1910,
23 in a Curtiss Model D.

24 (2) In 1915, Cpt. Henry C. Mustin made the
25 first catapult launch and first take off in a ship un-

1 derway in a Curtiss Model AB-2, beginning a cen-
2 tury of technological advancements that have led to
3 today's Electromagnetic Aircraft Launch System
4 which has replaced the steam pistons with powerful
5 magnets to launch jet aircraft.

6 (3) In 1924, Lt. Dixie Kiefer made the first
7 night catapult launch in a Vought UO-1 in San
8 Diego harbor, leading to today's aircraft carriers
9 being a floating city at sea with a 24-hour airport.

10 (4) The first nuclear-powered aircraft carrier,
11 USS Enterprise (CVN 65), was commissioned in
12 1961, ushering in a new era of the world's most
13 dominant and capable warships.

14 (5) In 2013, the first of the next generation of
15 aircraft carriers, Gerald R. Ford, was christened,
16 marking a continuation of the innovative naval avia-
17 tion spirit, technological advancement, and war
18 fighting capabilities of aircraft carriers.

19 (6) In 2013, aircraft carrier USS George Wash-
20 ington (CVN 73) provided humanitarian assistance,
21 medical supplies, food, and water to the victims in
22 the Philippines of Super Typhoon Haiyan, once
23 again demonstrating versatility of the aircraft car-
24 rier for combat, diplomatic and humanitarian oper-
25 ations.

1 (7) For over 70 years, aircraft carriers have
2 been employed in every major and many smaller con-
3 flicts, including World War II, Korea, Vietnam, Gre-
4 nada, Lebanon, Libya, Operation Desert Storm, Af-
5 ghanistan, Iraq, and the fight against terrorism.

6 (8) The United States Navy's aircraft carriers
7 are a cornerstone of the Nation's ability to project
8 its power and strength.

9 (9) When aircraft carriers sail the globe they
10 are a statement of national purpose and a symbol of
11 the Nation's industrial strength, competitive edge,
12 and economic prosperity.

13 (10) Aircraft carriers are 4.5 acres of sovereign
14 United States territory enabling the Nation to re-
15 duce its dependency on other nations while it pur-
16 sues its national security interests.

17 (11) Aircraft carriers enable the United States
18 Armed Forces to carry out operations from inter-
19 national waters, avoiding the complications of secur-
20 ing fly-over rights and land-base rights from other
21 nations.

22 (12) Aircraft carriers are a modern, very mobile
23 United States military base complete with airfield,
24 hospital, and communications systems from which
25 the United States can strike at its enemies.

1 (13) Over 90 percent of world trade is moved
2 by sea, including much of the world’s gas and oil
3 supply, and aircraft carriers and their strike forces
4 are constantly on patrol in vital regions of the world
5 to keep shipping lanes open and protect the interests
6 of the United States and its allies.

7 (14) There are more than 2,450 companies in
8 48 States and over 364 congressional districts, and
9 more than 13,100 shipbuilders who proudly con-
10 tribute to the construction and maintenance of these
11 complex and technologically advanced ships.

12 (15) Thousands of members of the United
13 States Armed Forces have served the Nation aboard
14 aircraft carriers in war, peace, and times of crisis.

15 (16) When crisis occurs the first question that
16 comes to everyone’s lips is “Where is the nearest
17 carrier?”.

18 (b) SENSE OF CONGRESS.—It is the sense of Con-
19 gress that—

20 (1) United States aircraft carriers are the pre-
21 eminent power projection platform and have served
22 the Nation’s interests in times of war and in times
23 of peace, adapting to the immediate and ever-chang-
24 ing nature of the world for over 90 years;

1 (2) aircraft carrier contributions and heritage
2 should be celebrated; and

3 (3) the people of the United States should be
4 encouraged to celebrate the history of aircraft car-
5 riers in the United States and to always remember
6 the vital role these vessels play in defending the Na-
7 tion's freedom.

8 **SEC. 1067. NOTICE TO CONGRESS OF TERMS OF DEPART-**
9 **MENT OF DEFENSE SETTLEMENT AGREE-**
10 **MENTS.**

11 (a) IN GENERAL.—Notwithstanding any other provi-
12 sion of law or any court order, at the request of the Chair-
13 man of the Committee on Armed Services of the Senate
14 or the House of Representatives or the Chairman of the
15 Committee on Appropriations of the Senate or the House
16 of Representatives, the Secretary of Defense shall make
17 available (in an appropriate manner with respect to classi-
18 fied information, if necessary) to such chairman a settle-
19 ment agreement (including a consent decree) in any civil
20 action involving the Department of Defense, a military de-
21 partment, or a Defense Agency, if, in the opinion of the
22 Secretary, in consultation with the Attorney General, the
23 terms of the settlement agreement affect the congressional
24 authorization or appropriations process with respect to the
25 Department of Defense.

1 (b) CONSULTATION REQUIREMENT.—Before making
2 a request under subsection (a)—

3 (1) the Chairman of the Committee on Armed
4 Services or the Committee on Appropriations of the
5 Senate shall consult with the Chairman of the Com-
6 mittee on the Judiciary of the Senate; and

7 (2) the Chairman of the Committee on Armed
8 Services or the Committee on Appropriations of the
9 House of Representatives shall consult with the
10 Chairman of the Committee on the Judiciary of the
11 House of Representatives.

12 **SEC. 1068. SENSE OF CONGRESS RECOGNIZING THE**
13 **UNITED STATES NAVY SEABEES.**

14 (a) FINDINGS.—Congress makes the following find-
15 ings:

16 (1) On March 5, 1942, Navy Construction Bat-
17 talion personnel were officially named Seabees by
18 the Navy Department.

19 (2) The purpose of the Navy Seabees is to
20 build, maintain, and support base infrastructure in
21 remote locations for the Navy and Marine Corps,
22 while simultaneously being capable of engaging in
23 combat operations.

1 (3) The Navy Seabees dual-role is exemplified
2 by the Seabee motto *Construimus, Batuimus: We*
3 Build, We Fight.

4 (4) Throughout their history, the Navy Seabees
5 have answered the call of duty to protect the United
6 States and its democratic values both in times of
7 war and peace.

8 (5) The Navy Seabees support United States
9 national security at combatant commands worldwide,
10 through the construction, both on land and under-
11 water, of bases, airfields, roads, bridges, and other
12 infrastructure.

13 (6) Members of the Navy Seabees and their
14 families have demonstrated unmatched courage and
15 dedication to sacrifice for the United States, from
16 service in World War II, Korea, and Vietnam to the
17 recent conflicts in Afghanistan, Iraq, and elsewhere.

18 (7) The Navy Seabees exhibit honor, personal
19 courage, and commitment as they sacrifice their per-
20 sonal comfort to keep the United States safe from
21 threats.

22 (8) The Navy Seabees continue to display
23 strength, professionalism, and bravery in the all-vol-
24 unteer force.

1 (b) SENSE OF CONGRESS.—Congress recognizes the
2 United States Navy Seabees and the Navy personnel who
3 comprise the construction force for the Navy and the Ma-
4 rine Corps as critical elements in deterring conflict, over-
5 coming aggression, and rebuilding democratic institutions.

6 **SEC. 1069. RECOGNITION OF THE UNITED STATES SPECIAL**
7 **OPERATIONS COMMAND.**

8 (a) FINDINGS.—Congress makes the following find-
9 ings:

10 (1) On April 16, 1987, Congress required the
11 establishment of a Special Operations Command,
12 which was to be an elite fighting force drawn from
13 all of the branches of the Armed Forces.

14 (2) As a headquarters organization, USSOCOM
15 comprises four service-component commands, con-
16 sisting of the United States Army Special Oper-
17 ations Command, United States Naval Special War-
18 fare Command, United States Marine Corps Forces
19 Special Operations Command, and United States Air
20 Force Special Operations Command, and includes
21 various sub-unified commands.

22 (3) Each service-component command has sub-
23 component commands consisting of—

1 (A) Army Special Forces (Green Berets),
2 Rangers, Special Operations Aviation, Civil Af-
3 fairs, Military Information Support Operations;

4 (B) Navy SEALs and Special Warfare
5 Combatant-Craft Crewmen;

6 (C) Air Force Commandos and Special
7 Tactics Airmen;

8 (D) Marine Raiders; and

9 (E) other Joint Special Operations Forces;

10 (4) USSOCOM protects and defends the United
11 States in a variety of ways, including direct action,
12 special reconnaissance, unconventional warfare, for-
13 eign internal defense, civil affairs operations,
14 counterterrorism, military information support oper-
15 ations, counter-proliferation of weapons of mass de-
16 struction, security force assistance, counterinsur-
17 gency, hostage rescue and recovery, foreign humani-
18 tarian assistance, and other missions as assigned.

19 (5) USSOCOM has an unequalled ability to ana-
20 lyze and respond to terrorist threats and USSOCOM
21 has led many successful missions globally.

22 (6) Many USSOCOM missions are classified, so
23 the American people may never know the details and
24 extent of the bravery of Special Operations Forces,
25 but a sample of missions provide a glimpse into the

1 bravery and talents of these members of the Armed
2 Forces:

3 (A) On May 2, 2011, Osama bin Laden
4 was killed in a special operations mission in
5 Pakistan, for which the outstanding men and
6 women in America's intelligence and Armed
7 Forces, especially those from SOCOM, re-
8 mained focused on bringing Osama bin Laden
9 to justice, and on May 2, 2011, justice was
10 done.

11 (B) On April 12, 2009, the Maersk Ala-
12 bama was rescued unharmed in a special oper-
13 ations mission in the Indian Ocean, after a five-
14 day standoff between the United States Navy
15 and Somalian pirates.

16 (C) On April 1, 2003, Jessica Lynch, a
17 United States Army clerk taken prisoner for
18 nine days in Iraq, was rescued by Special Oper-
19 ations Forces during a night raid in the hos-
20 pital where she was being held.

21 (D) On December 13, 2003, in Operation
22 Red Dawn, Special Operations Forces captured
23 deposed Iraqi president Saddam Hussein, who
24 was hiding in a spider hole.

1 (E) On January 17, 1991, as Operation
2 Desert Storm began, Special Operations Forces
3 slipped hundreds of miles into Iraq to identify
4 Iraqi Scud missiles as targets for American
5 fighter jets.

6 (F) On December 20, 1989, in Operation
7 Just Cause and Operation Nifty Package, Spe-
8 cial Operations Forces ventured into Panama to
9 bring its then President Manuel Noriega to jus-
10 tice for drug-trafficking.

11 (7) Approximately 70,000 Regular component,
12 National Guard, and reserve component personnel
13 from all four services and Department of Defense ci-
14 vilians are assigned to USSOCOM headquarters in
15 Tampa, its four service-component commands, and
16 eight sub-unified commands.

17 (8) The heroism, skill, and patriotism of
18 USSOCOM personnel and their families are without
19 parallel.

20 (9) The responsibilities of USSOCOM are grow-
21 ing and its mission is now and will continue to be
22 central to the defense of the United States in future
23 decades.

1 (10) The sacrifices of many, the service of all,
2 and the talents of the Special Operations Forces are
3 cause for confidence and optimism.

4 (b) SENSE OF CONGRESS.—It is the sense of Con-
5 gress that the soldiers, sailors, airmen, Marines, and civil-
6 ians who, together with their family members, comprise
7 the United States Special Operations Forces community
8 should be honored for their service and commitment to
9 keeping the United States safe.

10 **SEC. 1070. SENSE OF CONGRESS REGARDING WORLD WAR I.**

11 (a) FINDINGS.—Congress makes the following find-
12 ings:

13 (1) The United States declared war against
14 Germany on April 6, 1917, to redress wrongs, in-
15 cluding Germany's resumption of unrestricted sub-
16 marine warfare, violation of United States neu-
17 trality, and denial of freedom of the seas to non-
18 belligerent nations.

19 (2) The United States associated itself with the
20 allied powers of the United Kingdom and its Com-
21 monwealth, France and its colonies, Russia, Italy,
22 and Japan to defeat the German Empire

23 (3) The United States Army, consisting of the
24 Regular Army, National Guard, and Reserve Corps,
25 with the addition of volunteers and the draftees of

1 the National Army, underwent a transformation
2 from a frontier constabulary and coastal defense
3 force to a modern land warfare force.

4 (4) Early 20th century military and techno-
5 logical advances resulted in the incorporation of
6 motor transport, aviation, anti-aircraft artillery,
7 tanks, chemical weapons, aircraft carriers, sub-
8 marines and anti-submarine warfare, sonar, under-
9 water mines, and other innovations into the military
10 arsenal of the United States.

11 (5) The need to quickly build a military
12 strength of four million soldiers and half a million
13 sailors required the mobilization of the human re-
14 sources of the United States, during which members
15 of diverse ethnic groups, races, and creeds, both na-
16 tive-born and immigrant, forged a new American
17 identity.

18 (6) The United States Army maintained its de-
19 fense of American seacoasts, southern border, and
20 overseas possessions, while the Army American Ex-
21 peditionary Forces deployed “Over There” for com-
22 bat operations in Europe starting in June 1917.

23 (7) By the end of World War I, almost two mil-
24 lion members of the Army served overseas in the
25 American Expeditionary Forces; Whereas, during

1 World War I, the United States Navy increased in
2 strength from approximately 69,000 officers and
3 sailors and 342 vessels to more than 533,000 offi-
4 cers and sailors and 774 vessels.

5 (8) The Navy operated in the Atlantic and Pa-
6 cific Oceans, and the North and Mediterranean Seas
7 in cooperation with allied navies.

8 (9) The Navy began the fight against the Ger-
9 man U-boat menace by dispatching destroyers,
10 which eventually totaled 70 in number, and 169
11 other vessels to counter the submarine threat.

12 (10) Navy vessels escorted troop transports car-
13 rying 1,250,000 passengers and escorted supply
14 transports carrying 27 percent of all cargo shipped
15 to Europe.

16 (11) The Navy deployed five batteries of large-
17 caliber battleship guns mounted on railroad trains to
18 France for service as long-range artillery for the
19 Army;.

20 (12) The United States Coast Guard trans-
21 ferred to the operational control of the Navy, and
22 augmented that service with approximately 5,000 of-
23 ficers and sailors, 47 vessels of all types, and 279
24 shore stations;.

1 (13) The United States Marine Corps, with an
2 eventual wartime strength of 75,000 officers and
3 men, detached two regiments and a machine gun
4 battalion to constitute an infantry brigade integrated
5 into the Army's 2d Division for service in France;.

6 (14) On July 4, 1917, Colonel Charles E. Stan-
7 ton, one of the officers on the staff of General John
8 Pershing, commander of the American Expedi-
9 tionary Forces in Europe, famously announced
10 America's commitment to the fight when Colonel
11 Stanton proclaimed upon his arrival in France, "La-
12 fayette, we are here!".

13 (15) Whereas the American Expeditionary
14 Forces formed three field armies, nine corps and
15 forty-three divisions, plus various units of the Serv-
16 ices of Supply.

17 (16) The American Expeditionary Forces suf-
18 fered 244,000 casualties in fighting in thirteen
19 named campaigns in World War I;.

20 (17) Participation in World War I resulted in
21 the completion of a period of reform and profes-
22 sionalism that transformed the Armed Forces from
23 a small dispersed organization to a modern industri-
24 alized fighting force capable of global reach and in-
25 fluence.

1 (b) SENSE OF CONGRESS.—Congress—

2 (1) honors the memory of the fallen heroes who
3 wore the uniform of the United States Armed
4 Forces during World War I;

5 (2) commends the United States Armed Forces
6 for preserving and protecting the interests of the
7 United States during World War I;

8 (3) commends the brave members of the United
9 States Armed Forces for their efforts in “making
10 the world safe for democracy,” and preserving the
11 founding principles of the United States at home
12 and abroad during World War I;

13 (4) commends the brave members of the United
14 States Armed Forces for preserving and protecting
15 the sea lanes of commerce and communications dur-
16 ing World War I that ensured the continued pros-
17 perity of the United States;

18 (5) celebrates and congratulates the United
19 States Army, Navy, Marine Corps, Air Force, and
20 Coast Guard during the commemoration of the cen-
21 tennial of World War I for a job well done; and

22 (6) calls on all people of the United States to
23 join in the commemoration of the centennial of
24 World War I in events throughout the United States
25 and overseas.

1 **SEC. 1071. FINDINGS AND SENSE OF CONGRESS REGARD-**
2 **ING THE NATIONAL GUARD YOUTH CHAL-**
3 **LENCE PROGRAM.**

4 (a) FINDINGS.—Congress finds the following:

5 (1) Fewer than 30 percent of youth in the
6 United States qualify for military service, either be-
7 cause of poor physical health, a criminal record, or
8 lack of a high school degree.

9 (2) The National Guard Youth Challenge Pro-
10 gram provides the Department of Defense an oppor-
11 tunity to work with State and local governments to
12 engage with the youth of the nation, providing mili-
13 tary-based training, the opportunity to earn a high
14 school degree, and high physical fitness standards.

15 (b) SENSE OF CONGRESS.—It is the sense of Con-
16 gress that it is critical to allocate the necessary resources
17 to the National Guard Youth Challenge Program of the
18 Department of Defense as it plays a critical role in pre-
19 paring the next generation of qualified youth for military
20 service.

21 **SEC. 1072. SENSE OF CONGRESS REGARDING NATIONAL**
22 **PURPLE HEART RECOGNITION DAY.**

23 (a) FINDINGS.—Congress finds the following:

24 (1) On August 7, 1782, during the Revolu-
25 tionary War, General George Washington estab-
26 lished what is now known as the Purple Heart medal

1 when he issued an order establishing the Badge of
2 Military Merit.

3 (2) The Badge of Military Merit was designed
4 in the shape of a heart in purple cloth or silk.

5 (3) While the award of the Badge of Military
6 Merit ceased with the end of the Revolutionary War,
7 the Purple Heart medal was authorized in 1932 as
8 the official successor decoration to the Badge of
9 Military Merit.

10 (4) The Purple Heart medal is the oldest
11 United States military decoration in present use.

12 (5) The Purple Heart medal is awarded in the
13 name of the President of the United States to recog-
14 nize members of the Armed Forces who are killed or
15 wounded in action against an enemy of the United
16 States or are killed or wounded while held as pris-
17 oners of war.

18 (b) SENSE OF CONGRESS.—Congress—

19 (1) supports the goals and ideals of National
20 Purple Heart Recognition Day; and

21 (2) encourages all people of the United
22 States—

23 (A) to learn about the history of the Pur-
24 ple Heart medal;

1 (B) to honor recipients of the Purple
2 Heart medal; and

3 (C) to conduct appropriate ceremonies, ac-
4 tivities, and programs to demonstrate support
5 for people who have been awarded the Purple
6 Heart medal.

7 **SEC. 1073. PROVIDING ASSISTANCE TO HOUSE OF REP-**
8 **RESENTATIVES IN RESPONSE TO CYBERSE-**
9 **CURITY EVENTS.**

10 (a) PROVISION OF ASSISTANCE.—If the Speaker of
11 the House of Representatives (or the Speaker’s designee),
12 with the concurrence of the Minority Leader of the House
13 of Representatives (or the Minority Leader’s designee), de-
14 termines that a cybersecurity event has occurred and that
15 containing, mitigating, or resolving the event exceeds the
16 resources of the House of Representatives, then notwith-
17 standing any other provision of law or any rule, regulation,
18 or executive order—

19 (1) the Speaker may request assistance in re-
20 sponding to the event from the head of any Execu-
21 tive department, military department, or inde-
22 pendent establishment;

23 (2) not later than 24 hours after receiving the
24 request, the head of the department or establish-
25 ment shall begin to provide appropriate assistance in

1 response to the incident, including (if necessary) re-
2 storing the information systems of the House to an
3 operational state which allows for the continuation
4 of the legislative process and for Members, officers,
5 and employees of the House to continue to meet
6 their official and representational duties; and

7 (3) such assistance shall be provided without
8 reimbursement by the House of Representatives.

9 (b) SCOPE OF ASSISTANCE.—

10 (1) IN GENERAL.—The assistance provided to
11 the Speaker by the head of a department or estab-
12 lishment under this section may consist only of a
13 type that the head of the department or establish-
14 ment is authorized under law to provide to the de-
15 partment or establishment, another Executive de-
16 partment, military department, or independent es-
17 tablishment, or a private entity.

18 (2) CONNECTIONS BETWEEN DEPARTMENT OR
19 ESTABLISHMENT AND HOUSE INFORMATION SYS-
20 TEMS.—In providing assistance under this section—

21 (A) personnel of a department or establish-
22 ment may not log onto the information systems
23 of the House without the authorization of the
24 Speaker (or the Speaker's designee); and

1 (B) personnel of a department or establish-
2 ment may provide the House with access to
3 technological support services of the department
4 or establishment, including by authorizing per-
5 sonnel or systems of the House to connect with
6 and operate services or programs of the depart-
7 ment or establishment with guidance from sub-
8 ject matter experts of the department or estab-
9 lishment.

10 (c) TERMINATION OF ASSISTANCE.—

11 (1) TERMINATION UPON NOTICE FROM SPEAK-
12 ER.—After initiating assistance under this section,
13 the head of the department or establishment shall
14 continue providing assistance until the Speaker (or
15 Speaker’s designee) notifies the head of the depart-
16 ment or establishment that the cybersecurity inci-
17 dent has terminated and that it is no longer nec-
18 essary for the department or establishment to pro-
19 vide post-incident assistance.

20 (2) REMOVAL OF TECHNOLOGICAL SUPPORT
21 SERVICES.—Upon receiving notice from the Speaker
22 under paragraph (1), the head of the department or
23 establishment shall ensure that any technological
24 support services or programs of the department or
25 establishment are removed from the information sys-

1 tems of the House, and that personnel of the depart-
2 ment or establishment are no longer monitoring such
3 systems.

4 (d) COMPLIANCE WITH EXISTING STANDARDS.—In
5 providing assistance under this section, the head of the
6 Executive department, military department, or inde-
7 pendent establishment shall meet the requirements of sec-
8 tion 113 of the Legislative Branch Appropriations Act,
9 2017 (Public Law 115–31).

10 (e) NO EFFECT ON OTHER AUTHORITY TO PROVIDE
11 SUPPORT.—Nothing in this section may be construed to
12 affect the authority of an Executive department, military
13 department, or independent establishment to provide any
14 support, including cybersecurity support, to the House of
15 Representatives under any other law, rule, or regulation.

16 (f) DEFINITIONS.—In this section, each of the terms
17 “Executive department”, “military department”, and
18 “independent establishment” has the meaning given such
19 term in chapter 1 of title 5, United States Code.

20 **SEC. 1074. REVIEW AND UPDATE OF REGULATIONS GOV-**
21 **ERNING DEBT COLLECTORS INTERACTIONS**
22 **WITH UNIT COMMANDERS OF MEMBERS OF**
23 **THE ARMED FORCES.**

24 Not later than 180 days after the date of the enact-
25 ment of this Act, the Secretary of Defense shall review

1 and update Department of Defense Directive 1344.09 and
2 any associated regulations to ensure that such regulations
3 comply with Federal consumer protection laws with re-
4 spect to the collection of debt.

5 **SEC. 1075. SENSE OF CONGRESS REGARDING PACIFIC WAR**
6 **MEMORIAL.**

7 (a) FINDING.—Congress recognizes that there is cur-
8 rently no memorial that specifically honors the members
9 of the United States Armed Forces who served in the Pa-
10 cific Theater of World War II, also known as the Pacific
11 War.

12 (b) SENSE OF CONGRESS.—It is the sense of Con-
13 gress that a Pacific War memorial should be established
14 at a suitable location at or near the Pearl Harbor site of
15 the World War II Valor in the Pacific National Monument
16 in Honolulu, Hawaii.

17 **SEC. 1076. SENSE OF CONGRESS ON CYBERSECURITY CO-**
18 **OPERATION WITH UKRAINE.**

19 (a) FINDINGS.—Congress finds the following:

20 (1) There is a strong history of cyber attacks
21 in Ukraine.

22 (2) The United States supports Ukraine and
23 the European Deterrence Initiative.

24 (b) SENSE OF CONGRESS.—It is the sense of Con-
25 gress that—

1 (1) the United States reaffirms support for the
2 sovereignty and territorial integrity of Ukraine; and

3 (2) the United States should assist Ukraine in
4 improving its cybersecurity capabilities.

5 **SEC. 1077. APOLLO I MEMORIAL.**

6 (a) FINDINGS.—Congress finds the following:

7 (1) On January 27, 1967, NASA Astronauts
8 Command Pilot Virgil I. “Gus” Grissom, Senior
9 Pilot Edward H. White II, and Pilot Roger B.
10 Chaffee were killed in an electrical fire that broke
11 out inside the Apollo I Command Module on Launch
12 Pad 34 at the Kennedy Space Center in Cape Ca-
13 naveral, Florida.

14 (2) Command Pilot Virgil Grissom was selected
15 by NASA in 1959 as one of the original seven Mer-
16 cury astronauts. He piloted the Liberty Bell 7 space-
17 craft on July 21, 1963, on the second and final Mer-
18 cury suborbital test flight, served as command pilot
19 on the first manned Gemini flight on March 23,
20 1965, and was named as Command Pilot of the first
21 Apollo flight. He began his career in the United
22 States Army Air Corps and was a Lieutenant Colo-
23 nel in the United States Air Force at the time of the
24 accident, and he is buried at Arlington National
25 Cemetery.

1 (3) Senior Pilot Edward H. White II was se-
2 lected by NASA as a member of the second astro-
3 naut team in 1962. He piloted the Gemini-4 mission,
4 a 4-day mission that took place in June 1965, dur-
5 ing which he conducted the first extravehicular activ-
6 ity in the United States human spaceflight program.
7 He was named as Command Module Pilot for the
8 first Apollo flight. He began his career as a cadet
9 in United States Military Academy at West Point
10 and was a Lieutenant Colonel in the United States
11 Air Force at the time of the accident.

12 (4) Pilot Roger B. Chaffee was selected by
13 NASA as part of the third group of astronauts in
14 1963. He was named as the Lunar Module Pilot for
15 the first Apollo flight. He began his career as a
16 ROTC cadet before commissioning as an ensign in
17 the United States Navy, he was a Lieutenant Com-
18 mander in the United States Navy at the time of the
19 accident, and he is buried at Arlington National
20 Cemetery.

21 (5) All 3 astronauts were posthumously award-
22 ed the Congressional Space Medal of Honor.

23 (6) As Arlington National Cemetery is where
24 we recognize heroes who have passed in the service
25 of our Nation, it is fitting on the 50th anniversary

1 of the Apollo I accident that we acknowledge those
2 astronauts by building a memorial in their honor.

3 (b) CONSTRUCTION OF MEMORIAL TO THE CREW OF
4 THE APOLLO I LAUNCH TEST ACCIDENT AT ARLINGTON
5 NATIONAL CEMETERY.—

6 (1) CONSTRUCTION REQUIRED.—The Secretary
7 of the Army shall, in consultation with the Adminis-
8 trator of the National Aeronautics and Space Ad-
9 ministration, construct at an appropriate place in
10 Arlington National Cemetery, Virginia, a memorial
11 marker honoring the three members of the crew of
12 the Apollo I crew who died during a launch re-
13 hearsal test on January 27, 1967, in Cape Canav-
14 eral, Florida.

15 (2) FUNDING.—Of the amounts authorized to
16 be appropriated in section 4201 for management
17 support, Space and Missile Center (SMC) civilian
18 workforce (Line 152), as specified in the cor-
19 responding funding table in section 4201, \$50,000
20 shall be available for the construction required under
21 paragraph (1) of this subsection.

22 **SEC. 1078. NATIONAL STRATEGY FOR COUNTERING VIO-**
23 **LENT EXTREMIST GROUPS.**

24 (a) STRATEGY REQUIRED.—

1 (1) IN GENERAL.—Not later than June 1,
2 2018, the President shall submit to the appropriate
3 committees of Congress a report on a comprehen-
4 sive, interagency national strategy for countering
5 violent extremist groups.

6 (2) ELEMENTS.—The comprehensive, inter-
7 agency national strategy required by paragraph (1)
8 shall include the following elements:

9 (A) Identification and prioritization of the
10 threats, including a description of capability
11 and intent posed to the United States and
12 United States interests, from violent extremist
13 groups and their ideologies, by region and affili-
14 ated group, including any state-sponsors for
15 such groups.

16 (B) Identification of the interagency tools
17 for combating and countering violent extremist
18 groups, including—

19 (i) countering violent extremist group
20 messaging and ideological support;

21 (ii) combating terrorist group financ-
22 ing; intelligence gathering and cooperation;

23 (iii) law enforcement activities; sanc-
24 tions; counterterrorism and counterintel-
25 ligence activities;

1 (iv) support to civil-society groups,
2 commercial entities, allies and counter
3 radicalization activities of such groups; and

4 (v) support by the Armed Forces of
5 the United States to combat violent ex-
6 tremist groups.

7 (C) Use of, coordination with, or liaison to
8 international partners, non-governmental orga-
9 nizations, or commercial entities that support
10 United States policy goals in countering violent
11 extremist ideologies and organizations.

12 (D) Synchronization processes for these
13 use of these interagency tools against the pri-
14 ority threats, including the roles and respon-
15 sibilities of the Global Engagement Center, as
16 well as the National Security Council in coordi-
17 nating the interagency tools.

18 (E) Recommendations for improving co-
19 ordination between Federal Government agen-
20 cies, as well as with State, local, international,
21 and non-governmental entities.

22 (F) Other matters as the President con-
23 siders appropriate.

24 (b) ASSESSMENT.—Not later than one year after the
25 date of the submission of the strategy required by sub-

1 section (a), the President shall submit to the appropriate
2 committees of Congress an assessment of the strategy, in-
3 cluding—

4 (1) the status of implementation of the strat-
5 egy;

6 (2) progress toward the achievement of bench-
7 marks or implementation of any recommendations;
8 and

9 (3) any changes to the strategy since such sub-
10 mission.

11 (c) FORM.—Each report required by this section shall
12 be submitted in unclassified form, but may include a clas-
13 sified annex.

14 (d) APPROPRIATE COMMITTEES OF CONGRESS.—In
15 this section, the term “appropriate committees of Con-
16 gress” means—

17 (1) the Committees on Foreign Relations,
18 Armed Services, Appropriations, Homeland Security
19 and Governmental Affairs, and the Judiciary and
20 the Select Committee on Intelligence of the Senate;
21 and

22 (2) the Committees on Foreign Affairs, Armed
23 Services, Appropriations, Homeland Security, and
24 the Judiciary and the Permanent Select Committee
25 on Intelligence of the House of Representatives.

1 **SEC. 1079. ADEQUACY OF THE REPORT ON THE**
2 **VULNERABILITIES OF THE DEFENSE INDUS-**
3 **TRIAL BASE.**

4 (a) COMPREHENSIVE REPORT ON VULNERABILITIES
5 OF, AND CONCENTRATION OF PURCHASES IN, THE DE-
6 FENSE INDUSTRIAL BASE.—

7 (1) REPORT.—Not later than 180 days after
8 the date of the enactment of this Act, and at least
9 annually until September 30, 2023, before March
10 31, thereafter the President shall issue to the appro-
11 priate congressional committees a comprehensive re-
12 port combining all of the elements of the reports de-
13 scribed in paragraph (4) and any other relevant re-
14 ports on the adequacy of, vulnerabilities of, and con-
15 centration of purchases in the defense industrial sec-
16 tor.

17 (2) CONSULTATION.—In preparing a report
18 under paragraph (1), the President shall consult
19 with the Secretary of State, the Secretary of the
20 Treasury, the Secretary of Defense, the Attorney
21 General, the Secretary of Homeland Security, the
22 Director of National Intelligence, the Director of the
23 National Security Agency and such other cabinet of-
24 ficials and heads of Federal departments and agen-
25 cies? as the President determines to be appropriate.

1 (3) FORM OF REPORT.—Each report issued
2 under paragraph (1) shall be in unclassified form,
3 but may contain a classified annex.

4 (4) LIST OF REPORTS.—Each report issued
5 under paragraph (1) shall contain all relevant infor-
6 mation and analysis from the following reports, as
7 well as such other relevant information as the Presi-
8 dent determines to be appropriate:

9 (A) The report described under section
10 721(m) of the Defense Production Act of 1950
11 (50 U.S.C. 4565(m)), relating to concentrations
12 of purchases of the defense industrial base.

13 (B) The report described under section
14 723(a) of the Defense Production Act of 1950
15 (50 U.S.C. 4568(a)), relating to offsets in de-
16 fense production.

17 (C) The report described under section
18 2504 of title 10, United States Code, relating
19 to annual industrial capabilities.

20 (D) The “Report on Defense Industrial
21 Base” described under section 842(c) of the
22 National Defense Authorization Act for Fiscal
23 Years 1990 and 1991.

24 (E) The “Study of Field Failures Involving
25 Counterfeit Electronic Parts” described under

1 section 238 of the National Defense Authoriza-
2 tion Act for Fiscal Year 2016.

3 (F) The “Report on Alternative Capabili-
4 ties to Procure and Sustain Nonstandard Ro-
5 tary Wing Aircraft Historically Procured
6 Through Rosoboronexport” described under sec-
7 tion 1249 of the National Defense Authoriza-
8 tion Act for Fiscal Year 2016.

9 (G) The report described under section
10 843 of the Ike Skelton National Defense Au-
11 thorization Act for Fiscal Year 2011, relating
12 to rare earth materials critical to national secu-
13 rity.

14 (H) The “Biennial Report on Nuclear
15 Triad” described under section 1054 of the Ike
16 Skelton National Defense Authorization Act for
17 Fiscal Year 2011.

18 (I) The “Report on Solid Rocket Motor In-
19 dustrial Base” described under section 1050 of
20 the National Defense Authorization Act for Fis-
21 cal Year 2008.

22 (J) The “Assessment of United States De-
23 fense Industrial Base Capabilities” described
24 under section 812 of the National Defense Au-
25 thorization Act for Fiscal Year 2004.

1 (K) The report related to “Monitoring and
2 Enforcement of Mitigation Agreements Related
3 to Foreign Investment in the United States”
4 described under House Report 113-102.

5 (L) The additive manufacturing rec-
6 ommendation described in House Report 113-
7 446.

8 (M) The “Assessment of the directed en-
9 ergy industrial base” described in House Report
10 114-102.

11 (b) COMPREHENSIVE DATABASE OF PROPOSED
12 TRANSACTIONS OR PURCHASES IN THE DEFENSE INDUS-
13 TRIAL BASE INVOLVING A FOREIGN PERSON.—

14 (1) ESTABLISHMENT AND MAINTENANCE OF
15 DATABASE.—

16 (A) IN GENERAL.—The President shall es-
17 tablish and keep current a database of proposed
18 transactions that would result in all of, a sub-
19 stantial part of, or a controlling interest in, a
20 U. S. corporation, or the U. S. assets of a for-
21 eign corporation, being owned or controlled by
22 a foreign person, in the defense industrial base
23 and any manufacturing or intellectual property
24 related to the defense industrial base.

1 (B) CONFIDENTIALITY OF INFORMA-
2 TION.—Except as provided under subparagraph
3 (C), the President shall ensure that the infor-
4 mation contained in the database is kept con-
5 fidential.

6 (C) ACCESS TO DATABASE.—The President
7 shall—

8 (i) ensure that access to information
9 in the database is strictly controlled;

10 (ii) make the database available to the
11 Secretary of State, the Secretary of the
12 Treasury, the Secretary of Defense, the
13 Attorney General, the Secretary of Home-
14 land Security, the Director of National In-
15 telligence, and the National Security Agen-
16 cy, with such limitations as the President
17 may determine appropriate;

18 (iii) require that records are kept each
19 time a person accesses information in the
20 database; and

21 (iv) require that any person receiving
22 information from the database continues to
23 preserve the confidentiality of the informa-
24 tion.

25 (2) MANDATORY FILING REQUIREMENT.—

1 (A) IN GENERAL.—With respect to any
2 proposed transaction described under paragraph
3 (1)(A), the proposed purchaser and proposed
4 seller in such proposed transaction shall file,
5 and keep current, a report with the database
6 containing a description of the proposed trans-
7 action.

8 (B) ADDITIONAL INFORMATION FOR PRO-
9 POSED TRANSACTIONS INVOLVING A FOREIGN
10 GOVERNMENT-CONTROLLED CORPORATION.—If,
11 with respect to proposed transaction described
12 in subparagraph (A), any foreign person is a
13 foreign government-controlled corporation, the
14 report required under subparagraph (A) shall
15 also disclose whether such foreign government-
16 controlled corporation is—

17 (i) a Chinese corporation;

18 (ii) a Russian corporation;

19 (iii) an Iranian corporation; or

20 (iv) a North Korean corporation.

21 (C) CIVIL PENALTY.—Any person who will-
22 fully violates a provision of this paragraph shall
23 be fined not more than \$100,000 per violation.

24 (c) DEFENSE INDUSTRIAL BASE TECHNOLOGIES
25 CONTROLLED.—

1 (1) SENSE OF CONGRESS.—It is the sense of
2 Congress that statutes and mechanisms to control
3 the export of critical technologies or related intellec-
4 tual property must be kept up-to-date, reflecting
5 changes in the defense industrial base, technology,
6 and the global market, in order to adequately pro-
7 tect United States national security.

8 (2) REPORT.—Annually, until September 30,
9 2023, before March 31, the President shall deliver to
10 the appropriate congressional committees a report
11 describing any need for reforms of policies governing
12 the export of technology or related intellectual prop-
13 erty, along with any proposed legislative changes the
14 President believes are necessary.

15 (d) SEPARATE REPORTS REQUIRED.—The reports
16 required under subsections (a)(1) and (c)(2) may be
17 issued concurrently, but shall be issued as separate re-
18 ports.

19 (e) DEFINITIONS.—For purposes of this section:

20 (1) APPROPRIATE CONGRESSIONAL COMMIT-
21 TEES.—The term “appropriate congressional com-
22 mittees” means the Committee on Armed Services,
23 the Committee on Financial Services, the Committee
24 on Foreign Affairs, and the Permanent Select Com-
25 mittee on Intelligence of the House of Representa-

1 tives and the Committee on Armed Services, the
2 Committee on Banking, Housing, and Urban Af-
3 fairs, the Committee on Foreign Relations, and the
4 Select Committee on Intelligence of the Senate.

5 (2) DATABASE.—The term “database” means
6 the database established pursuant to subsection
7 (b)(1)(A).

8 (3) DEFENSE INDUSTRIAL BASE.—The term
9 “defense industrial base” shall have the meaning
10 given the term “national technology and industrial
11 base” within the context of section 2503 of title 10,
12 United States Code.

13 (4) DEFINITIONS RELATED TO CORPORA-
14 TIONS.—

15 (A) CORPORATION.—The term “corpora-
16 tion” means a corporation, partnership, or
17 other organization.

18 (B) FOREIGN CORPORATION.—The term
19 “foreign corporation” means a corporation or-
20 ganized under the laws of a foreign country.

21 (C) U.S. CORPORATION.—The term “U.S.
22 corporation” means a corporation organized
23 under the laws of the United States.

24 **SEC. 1080. FEDERAL CHARTER FOR SPIRIT OF AMERICA.**

25 (a) FEDERAL CHARTER.—

1 (1) IN GENERAL.—Part B of subtitle II of title
2 36, United States Code, is amended by inserting
3 after chapter 2003 the following new chapter:

4 **“CHAPTER 2005—SPIRIT OF AMERICA**

 “Sec.

 “200501. Organization.

 “200502. Purposes.

 “200503. Powers.

 “200504. Duty to maintain tax-exempt status.

 “200505. Annual report.

5 **“§ 200501. Organization**

6 “(a) FEDERAL CHARTER.—Spirit of America (in this
7 chapter ‘the corporation’), a nonprofit corporation, is a
8 federally chartered corporation.

9 “(b) EXPIRATION OF CHARTER.—If the corporation
10 does not comply with the provisions of this chapter, the
11 charter granted by this chapter expires.

12 “(c) SCOPE OF CHARTER.—Nothing in the charter
13 granted by this chapter shall be construed as conferring
14 special rights or privileges upon the corporation, or as
15 placing upon the Department of Defense any obligation
16 with respect to the corporation.

17 **“§ 200502. Purposes**

18 “‘The purposes of the corporation are as provided in
19 its constitution and bylaws and include the following patri-
20 otic, charitable, and inspirational purposes:

21 “(1) To respond to the needs of local popu-
22 lations abroad, as identified by members of the

1 Armed Forces and diplomats of the United States
2 abroad.

3 “(2) To provide privately-funded humanitarian,
4 economic, and other nonlethal assistance to address
5 such needs.

6 “(3) To support the safety and success of mem-
7 bers of the Armed Forces and diplomats of the
8 United States abroad.

9 “(4) To connect the people of the United States
10 more closely to the members of the Armed Forces
11 and diplomats of the United States abroad, and to
12 the missions carried out by such personnel abroad.

13 “(5) To demonstrate the goodwill of the people
14 of the United States to peoples around the world.

15 **“§ 200503. Powers**

16 “The corporation may—

17 “(1) adopt and amend a constitution, by-laws,
18 and regulations to carry out the purposes of the cor-
19 poration;

20 “(2) adopt and alter a corporate seal;

21 “(3) establish and maintain offices to conduct
22 its activities;

23 “(4) enter into contracts;

1 “(5) acquire, own, lease, encumber, and trans-
2 fer property as necessary and appropriate to carry
3 out the purposes of the corporation;

4 “(6) establish, regulate, and discontinue subor-
5 dinate State and territorial subdivisions and local
6 chapters or posts;

7 “(7) publish a magazine and other publications
8 (including through the Internet);

9 “(8) sue and be sued; and

10 “(9) do any other act necessary and proper to
11 carry out the purposes of the corporation as pro-
12 vided in its constitution, by-laws, and regulations.

13 **“§ 200504. Duty to maintain tax-exempt status**

14 “If the corporation fails to maintain its status as an
15 organization exempt from taxation under the Internal
16 Revenue Code of 1986, the charter granted under this
17 chapter shall terminate.

18 **“§ 200505. Annual report**

19 “The corporation shall submit an annual report to
20 Congress on the activities of the corporation during the
21 prior fiscal year. The report shall be submitted at the
22 same time as the report of the audit required by section
23 10101 of this title. The report may not be printed as a
24 public document.”.

1 (2) TABLES OF CHAPTERS.—The table of chap-
 2 ters at the beginning of title 36, United States Code,
 3 and at the beginning of subtitle II of such title, are
 4 each amended by inserting after the item relating to
 5 chapter 2003 the following new item:

“2005. Spirit of America200501.”.

6 (b) DISTRIBUTION OF CORPORATION ASSISTANCE
 7 ABROAD THROUGH DEPARTMENT OF DEFENSE.—

8 (1) ACCEPTANCE AND COORDINATION OF AS-
 9 SISTANCE.—The Department of Defense (including
 10 members of the Armed Forces) may, in the discre-
 11 tion of the Secretary of Defense and in accordance
 12 with guidance issued by the Secretary—

13 (A) accept from Spirit of America, a feder-
 14 ally-chartered corporation under chapter 2005
 15 of title 36, United States Code (as added by
 16 subsection (a)), humanitarian, economic, and
 17 other nonlethal assistance funded by private
 18 funds in the carrying out of the purposes of the
 19 corporation; and

20 (B) respond to requests from the corpora-
 21 tion for the identification of the needs of local
 22 populations abroad for assistance, and coordi-
 23 nate with the corporation in the provision and
 24 distribution of such assistance, in the carrying
 25 out of such purposes.

1 (2) DISTRIBUTION OF ASSISTANCE TO LOCAL
2 POPULATIONS.—In accordance with guidance issued
3 by the Secretary, members of the Armed Forces
4 abroad may provide to local populations abroad hu-
5 manitarian, economic, and other nonlethal assistance
6 provided to the Department by the corporation pur-
7 suant to this subsection.

8 (3) SCOPE OF GUIDANCE.—The guidance issued
9 pursuant to this subsection shall ensure that any as-
10 sistance distributed pursuant to this subsection shall
11 be for purposes of supporting the mission or mis-
12 sions of the Department and the Armed Forces for
13 which such assistance is provided by the corporation.

14 (4) DoD SUPPORT FOR CORPORATION ACTIVI-
15 TIES.—In accordance with guidance issued by the
16 Secretary, the Department and the Armed Forces
17 may—

18 (A) provide transportation, lodging, stor-
19 age, and other logistical support—

20 (i) to personnel of the corporation
21 (whether in the United States or abroad)
22 who are carrying out the purposes of the
23 corporation; and

1 (ii) in connection with the acceptance
2 and distribution of assistance provided by
3 the corporation; and

4 (B) use assets of the Department and the
5 Armed Forces in the provision of support de-
6 scribed in subparagraph (A).

7 **SEC. 1081. AIR TRANSPORTATION OF CIVILIAN DEPART-**
8 **MENT OF DEFENSE PERSONNEL TO AND**
9 **FROM AFGHANISTAN.**

10 (a) **POLICY REVIEW.**—Not later than 90 days after
11 the date of the enactment of this Act, the Secretary of
12 Defense shall conduct a policy review regarding the use
13 of commercial air transportation or alternative forms of
14 air transportation to transport civilian personnel of the
15 Department of Defense to and from Afghanistan.

16 (b) **REPORT TO CONGRESS.**—Not later than 90 days
17 after the completion of the policy review required by sub-
18 section (a), the Secretary shall submit to the congressional
19 defense committees a report on the results of such review.

20 (c) **UPDATED GUIDELINES.**—Not later than 90 days
21 after the completion of the policy review required by sub-
22 section (a), the Secretary shall issue updated guidelines,
23 based on the report submitted under subsection (b), re-
24 garding the use of commercial air transportation or alter-

1 native forms of air transportation to transport civilian per-
2 sonnel of the Department to and from Afghanistan.

3 **SEC. 1082. COLLABORATION BETWEEN FAA AND DOD ON**
4 **UNMANNED AIRCRAFT SYSTEMS.**

5 (a) COLLABORATION.—

6 (1) IN GENERAL.—The Administrator of the
7 Federal Aviation Administration and the Secretary
8 of Defense are encouraged to collaborate on sense-
9 and-avoid capabilities for unmanned aircraft sys-
10 tems.

11 (2) ELEMENTS.—The collaboration described in
12 paragraph (1) should include the following:

13 (A) Sharing information on safely inte-
14 grating unmanned aircraft systems and manned
15 aircraft in the national airspace system.

16 (B) Building upon the experience of the
17 Department of Defense, including the Air
18 Force, to inform the Federal Aviation Adminis-
19 tration's development of civil standards, poli-
20 cies, and procedures for integrating unmanned
21 aircraft systems in the nation airspace system.

22 (C) Informing—

23 (i) development of airborne and
24 ground-based sense-and-avoid capabilities
25 for unmanned aircraft systems; and

1 (ii) research and development on un-
2 manned aircraft systems, especially with
3 respect to matters involving human fac-
4 tors, information assurance, and security.

5 (b) PARTICIPATION BY FAA IN DOD ACTIVITIES.—

6 (1) IN GENERAL.—The Administrator of the
7 Federal Aviation Administration is encouraged to
8 participate, and provide assistance for participation,
9 in test and evaluation efforts of the Department of
10 Defense, including the Air Force, relating to air-
11 borne and ground-based sense-and-avoid capabilities
12 for unmanned aircraft systems.

13 (2) PARTICIPATION THROUGH CENTERS OF EX-
14 CELLENCE AND TEST SITES.—Participation under
15 paragraph (1) may include provision of assistance
16 through unmanned aircraft systems test sites.

17 (c) UNMANNED AIRCRAFT SYSTEMS DEFINED.—In
18 this section, the term “unmanned aircraft system” has the
19 meaning given that term in section 331 of the FAA Mod-
20 ernization and Reform Act of 2012 (Public Law 112–95;
21 49 U.S.C. 40101 note).

1 **TITLE XI—CIVILIAN PERSONNEL**
2 **MATTERS**

3 **SEC. 1101. EXTENSION OF DIRECT HIRE AUTHORITY FOR**
4 **DOMESTIC DEFENSE INDUSTRIAL BASE FA-**
5 **CILITIES AND MAJOR RANGE AND TEST FA-**
6 **CILITIES BASE.**

7 (a) IN GENERAL.—Subsection (a) of section 1125 of
8 subtitle B of title XI of the National Defense Authoriza-
9 tion Act for Fiscal Year 2017 (Public Law 114–328) is
10 amended by striking “During fiscal years 2017 and
11 2018,” and inserting “During each of fiscal years 2017
12 through 2021,”.

13 (b) BRIEFING.—Not later than 90 days after the end
14 of each of fiscal years 2018 through 2021, the Secretary
15 of Defense shall provide a briefing to the Committee on
16 Armed Services of the House of Representatives and the
17 Committee on Oversight and Government Reform of the
18 House of Representatives including—

19 (1) a description of the effect of such section
20 1125 (as amended by subsection (a)) on the man-
21 agement of the Department of Defense civilian work-
22 force during the most recently ended fiscal year; and

23 (2) the number of employees—

24 (A) hired under such section during such
25 fiscal year; and

1 (B) expected to be hired under such sec-
2 tion during the fiscal year in which the briefing
3 is provided.

4 **SEC. 1102. EXTENSION OF AUTHORITY TO PROVIDE VOL-**
5 **UNTARY SEPARATION INCENTIVE PAY FOR**
6 **CIVILIAN EMPLOYEES OF THE DEPARTMENT**
7 **OF DEFENSE.**

8 (a) IN GENERAL.—Section 1107 of subtitle A of title
9 XI of the National Defense Authorization Act for Fiscal
10 Year 2017 (Public Law 114–328) is amended by striking
11 “September 30, 2018” and inserting “September 30,
12 2021”.

13 (b) BRIEFING.—Not later than 90 days after the end
14 of each of fiscal years 2018 through 2021, the Secretary
15 of Defense shall provide a briefing to the Committee on
16 Armed Services of the House of Representatives and the
17 Committee on Oversight and Government Reform of the
18 House of Representatives including—

19 (1) a description of the effect of such section
20 1107 (as amended by subsection (a)) on the man-
21 agement of the Department of Defense civilian work-
22 force during the most recently ended fiscal year;

23 (2) the number of employees offered voluntary
24 separation incentive payments during such fiscal
25 year by operation of such section; and

1 (3) the number of such employees that accepted
2 such payments.

3 **SEC. 1103. ADDITIONAL DEPARTMENT OF DEFENSE**
4 **SCIENCE AND TECHNOLOGY REINVENTION**
5 **LABORATORIES.**

6 Section 1105(a) of the National Defense Authoriza-
7 tion Act for Fiscal Year 2010 (Public Law 111–84; 123
8 Stat. 2487; 10 U.S.C. 2358 note) is amended by adding
9 at the end the following:

10 “(20) The Naval Medical Research Center.

11 “(21) The Joint Warfighting Analysis Center.”.

12 **SEC. 1104. ONE YEAR EXTENSION OF AUTHORITY TO WAIVE**
13 **ANNUAL LIMITATION ON PREMIUM PAY AND**
14 **AGGREGATE LIMITATION ON PAY FOR FED-**
15 **ERAL CIVILIAN EMPLOYEES WORKING OVER-**
16 **SEAS.**

17 Subsection (a) of section 1101 of the Duncan Hunter
18 National Defense Authorization Act for Fiscal Year 2009
19 (Public Law 110–417; 122 Stat. 4615), as most recently
20 amended by section 1137 of the National Defense Author-
21 ization Act for Fiscal Year 2017 (Public Law 114–328;
22 130 Stat. 2460), is amended by striking “through 2017”
23 and inserting “through 2018”.

1 **SEC. 1105. APPOINTMENT OF RETIRED MEMBERS OF THE**
2 **ARMED FORCES TO POSITIONS IN OR UNDER**
3 **THE DEPARTMENT OF DEFENSE.**

4 (a) IN GENERAL.—During fiscal years 2017 through
5 2021, in addition to the authority provided under para-
6 graphs (1) and (2) of subsection (b) of section 3326 of
7 title 5, United States Code, and consistent with the re-
8 quirements of such section, a retired member of the armed
9 forces may be appointed under such subsection if—

10 (1) the Department of Defense has been grant-
11 ed direct hire authority to fill the position;

12 (2) the appointment is to fill an emergency ap-
13 pointment for which the Secretary concerned deter-
14 mines competitive appointment is not appropriate or
15 reasonable due to the need to fill the emergency
16 need as quickly as possible; or

17 (3) the appointment is for a highly qualified ex-
18 pert under section 9903 of such title.

19 (b) BRIEFING.—Not later than 90 days after the end
20 of each of fiscal years 2017 through 2021, the Secretary
21 of Defense shall provide a briefing to the Committee on
22 Armed Services of the House of Representatives and the
23 Committee on Oversight and Government Reform of the
24 House of Representatives including—

25 (1) with respect to the waiver process under
26 section 3326(b)(1) of title 5, United States Code—

1 (A) the number of individuals appointed
2 during the most recently ended fiscal year
3 under such process; and

4 (B) the Department of Defense’s plan on
5 the use of such process during the fiscal year
6 in which the report is submitted;

7 (2) the number of individuals—

8 (A) appointed under the authority provided
9 by subsection (a) during the most recently
10 ended fiscal year; and

11 (B) expected to be appointed under such
12 subsection during the fiscal year in which the
13 briefing is provided; and

14 (3) the impact of subsection (a) on the manage-
15 ment of the Department civilian workforce during
16 the most recently ended fiscal year.

17 **SEC. 1106. DIRECT HIRE AUTHORITY FOR FINANCIAL MAN-**
18 **AGEMENT EXPERTS IN THE DEPARTMENT OF**
19 **DEFENSE WORKFORCE.**

20 (a) IN GENERAL.—Section 1110 of the National De-
21 fense Authorization Act for 2017 (Public Law 114–328)
22 is amended—

23 (1) in subsection (a), by striking “the Defense
24 Agencies or the applicable military Department” and
25 inserting “a Department of Defense component”;

1 (2) in subsection (b)(1), by striking “the De-
2 fense Agencies” and inserting “each Department of
3 Defense component listed in subsection (f)(2) other
4 than the Department of the Army, the Department
5 of the Navy, and the Department of the Air Force”;

6 (3) in subsection (d)—

7 (A) by striking “any Defense Agency or
8 military department” and inserting “any De-
9 partment of Defense component”; and

10 (B) by striking “such Defense Agency or
11 military department” and inserting “such De-
12 partment of Defense component”; and

13 (4) by striking subsection (f) and inserting the
14 following:

15 “(f) DEFINITIONS.—In this section:

16 “(1) EMPLOYEE.—The term ‘employee’ has the
17 meaning given that term in section 2105 of title 5,
18 United States Code.

19 “(2) DEPARTMENT OF DEFENSE COMPO-
20 NENT.—The term ‘Department of Defense compo-
21 nent’ means the following:

22 “(A) A Defense Agency.

23 “(B) The Office of the Chairman of the
24 Joint Chiefs of Staff.

25 “(C) The Joint Staff.

1 “(D) A combatant command.

2 “(E) The Office of the Inspector General
3 of the Department of Defense.

4 “(F) A Field Activity of the Department of
5 Defense.

6 “(G) The Department of the Army.

7 “(H) The Department of the Navy.

8 “(I) The Department of the Air Force.

9 “(J) Any organizational entity within the
10 Department of Defense that is not described in
11 subparagraphs (A) through (I).”.

12 (b) BRIEFING.—Not later than 90 days after the end
13 of each of fiscal years 2017 through 2021, the Secretary
14 of Defense shall provide a briefing to the Committee on
15 Armed Services of the House of Representatives and the
16 Committee on Oversight and Government Reform of the
17 House of Representatives including—

18 (1) a description of the effect of section 1110
19 of subtitle A of title XI of the National Defense Au-
20 thorization Act, 2017 (Public Law 114–328), as
21 amended by subsection (a), on the management of
22 the Department of Defense civilian workforce during
23 the most recently ended fiscal year; and

24 (2) the number of employees—

1 (A) hired under such section during such
2 fiscal year; and

3 (B) expected to be hired under such sec-
4 tion during the fiscal year in which the briefing
5 is provided.

6 **SEC. 1107. EXTENSION OF AUTHORITY FOR TEMPORARY**
7 **PERSONNEL FLEXIBILITIES FOR DOMESTIC**
8 **DEFENSE INDUSTRIAL BASE FACILITIES AND**
9 **MAJOR RANGE AND TEST FACILITIES BASE**
10 **CIVILIAN PERSONNEL.**

11 (a) IN GENERAL.—Subsection (a) of section 1132 of
12 the National Defense Authorization Act for Fiscal Year
13 2017 (Public Law 114–328; 130 Stat. 2457) is amended
14 by striking “and 2018” and inserting “through 2021”.

15 (b) BRIEFING.—Not later than 90 days after the end
16 of each of fiscal years 2017 through 2021, the Secretary
17 of Defense shall provide a briefing to the Committee on
18 Armed Services of the House of Representatives and the
19 Committee on Oversight and Government Reform of the
20 House of Representatives including—

21 (1) a description of the effect of such section
22 1132 (as amended by subsection (a)) on the man-
23 agement of civilian personnel at domestic defense in-
24 dustrial base facilities and Major Range and Test

1 Facilities Base during the most recently ended fiscal
2 year; and

3 (2) the number of employees—

4 (A) hired under such section during such
5 fiscal year; and

6 (B) expected to be hired under such sec-
7 tion during the fiscal year in which the briefing
8 is provided.

9 **SEC. 1108. ONE-YEAR EXTENSION OF TEMPORARY AUTHOR-**
10 **ITY TO GRANT ALLOWANCES, BENEFITS, AND**
11 **GRATUITIES TO CIVILIAN PERSONNEL ON OF-**
12 **FICIAL DUTY IN A COMBAT ZONE.**

13 Paragraph (2) of section 1603(a) of the Emergency
14 Supplemental Appropriations Act for Defense, the Global
15 War on Terror, and Hurricane Recovery, 2006 (Public
16 Law 109–234; 120 Stat. 443), as added by section 1102
17 of the Duncan Hunter National Defense Authorization
18 Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat.
19 4616) and as most recently amended by section 1133 of
20 the National Defense Authorization Act for Fiscal Year
21 2017 (Public Law 114–328; 130 Stat. 2459), is further
22 amended by striking “2018” and inserting “2019”.

1 **SEC. 1109. EXTENSION OF OVERTIME RATE AUTHORITY**
2 **FOR DEPARTMENT OF THE NAVY EMPLOYEES**
3 **PERFORMING WORK ABOARD OR DOCKSIDE**
4 **IN SUPPORT OF THE NUCLEAR-POWERED**
5 **AIRCRAFT CARRIER FORWARD DEPLOYED IN**
6 **JAPAN.**

7 Section 5542(a)(6)(B) of title 5, United States Code,
8 is amended by striking “September 30, 2018” and insert-
9 ing “September 30, 2019”.

10 **SEC. 1110. BRIEFING ON DIVERSITY IN THE CIVILIAN**
11 **WORKFORCE ON AIR FORCE INSTALLATIONS.**

12 Not later than 120 days after the date of enactment
13 of this Act, the Secretary of the Air Force shall brief the
14 Committee on Armed Services of the Senate, the Com-
15 mittee on Armed Services of the House of Representatives,
16 the Committee on Homeland Security and Governmental
17 Affairs of the Senate, and the Committee on Oversight
18 and Government Reform of the House of Representatives
19 on efforts to increase diversity in the civilian workforce
20 on each Air Force installation, including regional and
21 State demographics regarding diversity.

1 **TITLE XII—MATTERS RELATING**
2 **TO FOREIGN NATIONS**
3 **Subtitle A—Assistance and**
4 **Training**

5 **SEC. 1201. ONE-YEAR EXTENSION OF LOGISTICAL SUPPORT**
6 **FOR COALITION FORCES SUPPORTING CER-**
7 **TAIN UNITED STATES MILITARY OPER-**
8 **ATIONS.**

9 Section 1234 of the National Defense Authorization
10 Act for Fiscal Year 2008 (Public Law 110–181; 122 Stat.
11 394), as most recently amended by section 1201 of the
12 National Defense Authorization Act for Fiscal Year 2017
13 (Public Law 114–328; 130 Stat. 2473), is further amend-
14 ed—

15 (1) in subsection (a), by striking “fiscal year
16 2017” and inserting “fiscal year 2018”;

17 (2) in subsection (d), by striking “during the
18 period beginning on October 1, 2016, and ending on
19 December 31, 2017” and inserting “during the pe-
20 riod beginning on October 1, 2017, and ending on
21 December 31, 2018”; and

22 (3) in subsection (e)(1), by striking “December
23 31, 2017” and inserting “December 31, 2018”.

1 **SEC. 1202. MODIFICATION TO SPECIAL DEFENSE ACQUI-**
2 **SION FUND.**

3 (a) IN GENERAL.—Effective as of October 1, 2017,
4 paragraph (1) of section 114(c) of title 10, United States
5 Code, is amended by striking “\$2,500,000,000” and in-
6 serting “\$2,000,000,000”.

7 (b) INCREASE IN SIZE OF FUND.—Such section is
8 further amended—

9 (1) in paragraph (1), by striking “The size”
10 and inserting “Except as provided in paragraph (3),
11 the size”; and

12 (2) in paragraph (3), by striking “Of the
13 amount available in the Special Defense Acquisition
14 Fund in any fiscal year after fiscal year 2016,
15 \$500,000,000” and inserting “The size of the Spe-
16 cial Defense Acquisition Fund in any fiscal year
17 after fiscal year 2017 may exceed the dollar amount
18 limitation described in paragraph (1) by an amount
19 not to exceed \$500,000,000 and such excess
20 amount”.

21 **SEC. 1203. MODIFICATION TO MINISTRY OF DEFENSE ADVI-**
22 **SOR AUTHORITY.**

23 (a) MINISTRY OF DEFENSE ADVISOR AUTHORITY.—
24 Subsection (a) of section 332 of title 10, United States
25 Code, is amended by inserting “and members of the armed

1 forces” after “civilian employees of the Department of De-
2 fense”.

3 (b) TRAINING OF PERSONNEL OF FOREIGN MIN-
4 ISTRIES WITH SECURITY MISSIONS.—Subsection (b) of
5 such section is amended—

6 (1) in paragraph (1), by inserting “to assign ci-
7 vilian employees of the Department of Defense and
8 members of the armed forces as advisors or train-
9 ers” after “carry out a program”; and

10 (2) in paragraph (2)(B)—

11 (A) by striking “employees” in each place
12 it appears and inserting “advisors or trainers”;
13 and

14 (B) by striking “each assigned employee’s
15 activities” and inserting “the activities of each
16 assigned advisor or trainer”.

17 (c) CONGRESSIONAL NOTICE.—Subsection (c) of
18 such section is amended—

19 (1) in the matter preceding paragraph (1), by
20 inserting “or a member of the armed forces” after
21 “a civilian employee of the Department of Defense”;

22 (2) in paragraph (1), by striking “employee as
23 an advisor” and inserting “advisor or trainer”; and

24 (3) in paragraph (3), by striking “employee”
25 and inserting “advisor or trainer”.

1 **SEC. 1204. MODIFICATION OF AUTHORITY TO BUILD CAPAC-**
2 **ITY OF FOREIGN SECURITY FORCES.**

3 Subsection (c) of section 333 of title 10, United
4 States Code, is amended—

5 (1) in paragraph (2), by adding at the end the
6 following:

7 “(C) Institutional capacity building to or-
8 ganize, administer, employ, manage, maintain,
9 sustain, or oversee national security forces.”;

10 (2) in paragraph (3), by inserting “or the De-
11 partment of State” after “Department of Defense”;

12 (3) in paragraph (4)—

13 (A) in the heading, by striking “INSTITU-
14 TIONAL CAPACITY BUILDING” and inserting
15 “RESPECT FOR CIVILIAN CONTROL OF THE
16 MILITARY”;

17 (B) in the first sentence, by striking “that
18 the Department is already undertaking, or will
19 undertake as part of the program” and all that
20 follows and inserting “that the Department of
21 Defense or another department or agency is al-
22 ready undertaking, or will undertake as part of
23 the security sector assistance provided to the
24 foreign country concerned, a program to en-
25 hance the capacity of such foreign country to
26 exercise responsible civilian control of the na-

1 tional security forces of such foreign country.”;
2 and

3 (C) by striking the second sentence; and
4 (4) by adding at the end the following:

5 “(5) INSTITUTIONAL CAPACITY BUILDING.—In
6 order to meet the requirement in paragraph (2)(C)
7 with respect to a particular foreign country under a
8 program under subsection (a), the Secretary shall
9 certify, prior to the initiation of the program, that
10 the Department of Defense or another department
11 or agency is already undertaking, or will undertake
12 as part of the security sector assistance provided to
13 the foreign country concerned, a program of institu-
14 tional capacity building with appropriate institutions
15 of such foreign country to enhance the capacity of
16 such foreign country to organize, administer, em-
17 ploy, manage, maintain, sustain, or oversee the na-
18 tional security forces of such foreign country.”.

19 **SEC. 1205. EXTENSION AND MODIFICATION OF AUTHORITY**
20 **ON TRAINING FOR EASTERN EUROPEAN NA-**
21 **TIONAL MILITARY FORCES IN THE COURSE**
22 **OF MULTILATERAL EXERCISES.**

23 (a) ONE-YEAR EXTENSION.—Subsection (h) of sec-
24 tion 1251 of the National Defense Authorization Act for
25 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1070;

1 10 U.S.C. 2282 note), as amended by section 1233 of the
2 National Defense Authorization Act for Fiscal Year 2017
3 (Public Law 114–328; 130 Stat. 2489), is further amend-
4 ed—

5 (1) by striking “September 30, 2018” and in-
6 serting “December 31, 2019”; and

7 (2) by striking “fiscal years 2016 through
8 2018” and inserting “for the period beginning on
9 October 1, 2015, and ending on December 31,
10 2019”.

11 (b) REGULATIONS FOR ADMINISTRATION OF INCRE-
12 MENTAL EXPENSES.—Subsection (d) of such section, as
13 so amended, is further amended by adding at the end the
14 following:

15 “(4) REGULATIONS.—

16 “(A) IN GENERAL.—The Secretary of De-
17 fense shall prescribe regulations for payment of
18 incremental expenses under subsection (a). Not
19 later than 120 days after the date of the enact-
20 ment of this paragraph, the Secretary shall sub-
21 mit the regulations to the Committee on Armed
22 Services of the Senate and the Committee on
23 Armed Services of the House of Representa-
24 tives.

1 “(B) PROCEDURES TO BE INCLUDED.—

2 The regulations required under subparagraph
3 (A) shall include the following:

4 “(i) Procedures to limit the payment
5 of incremental expenses to developing
6 countries determined pursuant to sub-
7 section (c) to be eligible for the provision
8 of training under subsection (a), except in
9 the case of exceptional circumstances as
10 specified in the regulations.

11 “(ii) Procedures to require reimburse-
12 ment of incremental expenses from non-de-
13 veloping countries determined pursuant to
14 subsection (c) to be eligible for the provi-
15 sion of training under subsection (a), ex-
16 cept in the case of exceptional cir-
17 cumstances as specified in the regulations.

18 “(C) DEVELOPING COUNTRY DEFINED.—

19 In this paragraph, the term ‘developing coun-
20 try’ has the meaning given such term in section
21 301(4) of title 10, United States Code.”.

22 (c) TECHNICAL AND CONFORMING AMENDMENTS.—

23 Such section, as so amended, is further amended—

24 (1) in subsection (e), by striking “that” and in-
25 serting “than”;

1 (2) in subsection (f), by striking “section 2282”
2 and inserting “chapter 16”; and

3 (3) in subsection (g), by striking “means” and
4 all that follows and inserting “has the meaning given
5 such term in section 301(5) of title 10, United
6 States Code.”.

7 **SEC. 1206. EXTENSION OF PARTICIPATION IN AND SUP-**
8 **PORT OF THE INTER-AMERICAN DEFENSE**
9 **COLLEGE.**

10 Subsection (c) of section 1243 of the National De-
11 fense Authorization Act for Fiscal Year 2017 (Public Law
12 114–328; 130 Stat. 2516; 10 U.S.C. 1050 note) is amend-
13 ed—

14 (1) in the heading, by striking “FISCAL YEAR
15 2017” and inserting “FISCAL YEARS 2017 AND
16 2018”; and

17 (2) by striking “fiscal year 2017” and inserting
18 “fiscal years 2017 and 2018”.

1 **Subtitle B—Matters Relating to**
2 **Afghanistan and Pakistan**

3 **SEC. 1211. EXTENSION OF AUTHORITY TO TRANSFER DE-**
4 **ENSE ARTICLES AND PROVIDE DEFENSE**
5 **SERVICES TO THE MILITARY AND SECURITY**
6 **FORCES OF AFGHANISTAN.**

7 (a) **EXTENSION OF EXPIRATION.**—Subsection (h) of
8 section 1222 of the National Defense Authorization Act
9 for Fiscal Year 2013 (Public Law 112–239; 126 Stat.
10 1992), as most recently amended by section 1213 of the
11 National Defense Authorization Act for Fiscal Year 2017
12 (Public Law 114–328; 130 Stat. 2478), is further amend-
13 ed by striking “December 31, 2017” and inserting “De-
14 cember 31, 2018”.

15 (b) **EXCESS DEFENSE ARTICLES.**—Subsection (i)(2)
16 of such section, as so amended, is further amended by
17 striking “December 31, 2017,” in each place it appears
18 and inserting “December 31, 2018”.

19 **SEC. 1212. REPORT ON UNITED STATES STRATEGY IN AF-**
20 **GHANISTAN.**

21 (a) **REPORT REQUIRED.**—Not later than February
22 15, 2018, the Secretary of Defense, in coordination with
23 the Secretary of State, shall submit to the appropriate
24 congressional committees a report that describes the
25 United States strategy in Afghanistan.

1 (b) MATTERS TO BE INCLUDED.—The report re-
2 quired by subsection (a) shall include the following:

3 (1) A description of United States assumptions,
4 security interests, and corresponding objectives in
5 Afghanistan.

6 (2) A description of how current military efforts
7 align to such objectives and, given current or pro-
8 jected progress, a realistic prognosis for a timeline
9 necessary to achieve such objectives.

10 (3) An explanation of the conditions necessary
11 for the Afghan National Defense and Security
12 Forces to become self-sufficient.

13 (4) A description of the projected long-term and
14 sustainable United States role in Afghanistan.

15 (5) A description of the threat of harm to
16 United States forces in Afghanistan and a justifica-
17 tion based on the threat to United States interests.

18 (6) A description of—

19 (A) support provided to the Taliban, al-
20 Qaeda, the Haqqani network, the Islamic State
21 of Iraq and the Levant, and other terrorist or-
22 ganizations operating in Afghanistan by Russia,
23 Iran, Pakistan, and other countries; and

24 (B) United States military and diplomatic
25 efforts to disrupt such support.

1 (7) The projected casualties and costs associ-
2 ated with the deployment of members of the Armed
3 Forces to Afghanistan.

4 (8) The objectives of deployment of members of
5 the Armed Forces to Afghanistan, including a time
6 line to achieve such objectives as determined by the
7 Secretary of Defense.

8 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
9 FINED.—In this section, the term “appropriate congres-
10 sional committees” means—

11 (1) the congressional defense committees; and

12 (2) the Committee on Foreign Relations of the
13 Senate and the Committee on Foreign Affairs of the
14 House of Representatives.

15 **SEC. 1213. EXTENSION AND MODIFICATION OF AUTHORITY**
16 **FOR REIMBURSEMENT OF CERTAIN COALI-**
17 **TION NATIONS FOR SUPPORT PROVIDED TO**
18 **UNITED STATES MILITARY OPERATIONS.**

19 (a) EXTENSION.—

20 (1) IN GENERAL.—Subsection (a) of section
21 1233 of the National Defense Authorization Act for
22 Fiscal Year 2008 (Public Law 110–181; 122 Stat.
23 393), as most recently amended by section 1218(a)
24 of the National Defense Authorization Act for Fiscal

1 Year 2017 (Public Law 114–328; 130 Stat. 2482),
2 is further amended—

3 (A) by striking “October 1, 2016” and in-
4 serting “October 1, 2017”; and

5 (B) by striking “December 31, 2017” and
6 inserting “December 31, 2018”.

7 (2) REPORT REQUIRED.—

8 (A) IN GENERAL.—Not later than Decem-
9 ber 31, 2018, the Secretary of Defense shall
10 submit to the appropriate congressional com-
11 mittees a report on the expenditure of funds
12 under the authority in subsection (a)(2) of sec-
13 tion 1233 of the National Defense Authoriza-
14 tion Act for Fiscal Year 2008 (Public Law
15 110–181; 122 Stat. 393), including a descrip-
16 tion of the following:

17 (i) The purpose for which such funds
18 were expended.

19 (ii) Each organization on whose behalf
20 such funds were expended, including the
21 amount expended on such organization and
22 the number of members of such organiza-
23 tion supported by such amount.

24 (iii) Any limitation imposed on the ex-
25 penditure of funds under such subsection,

1 including on any recipient of funds or any
2 use of funds expended.

3 (B) APPROPRIATE CONGRESSIONAL COM-
4 MITTEES DEFINED.—In this paragraph, the
5 term “appropriate congressional committees”
6 means—

7 (i) the congressional defense commit-
8 tees; and

9 (ii) the Committee on Foreign Affairs
10 of the House of Representatives and the
11 Committee on Foreign Relations of the
12 Senate.

13 (b) NOTICE REQUIREMENT.—Section 1232(b)(6) of
14 the National Defense Authorization Act for Fiscal Year
15 2008 (Public Law 110–181; 122 Stat. 393), as most re-
16 cently amended by section 1218(e) of the National De-
17 fense Authorization Act for Fiscal Year 2017 (Public Law
18 114–328; 130 Stat. 2484), is further amended by striking
19 “December 31, 2017” and inserting “December 31,
20 2018”.

21 (c) LIMITATION ON REIMBURSEMENT PENDING CER-
22 TIFICATION.—Section 1227(d)(1) of the National Defense
23 Authorization Act for Fiscal Year 2013 (Public Law 112–
24 239; 126 Stat. 2001), as most recently amended by sec-
25 tion 1218(f) of the National Defense Authorization Act

1 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
2 2484), is further amended by striking “December 31,
3 2017” and inserting “December 31, 2018”.

4 (d) ADDITIONAL LIMITATIONS ON REIMBURSE-
5 MENT.—

6 (1) EXTENSION OF LIMITATIONS ON
7 AMOUNTS.—Subsection (d)(1) of section 1233 of the
8 National Defense Authorization Act for Fiscal Year
9 2008 (Public Law 110–181; 122 Stat. 393), as most
10 recently amended by section 1218(c) of the National
11 Defense Authorization Act for Fiscal Year 2017
12 (Public Law 114–328; 130 Stat. 2483), is further
13 amended—

14 (A) in the first sentence, by striking
15 “\$1,100,000,000” and inserting
16 “\$1,000,000,000”;

17 (B) in the second sentence, by striking
18 “\$900,000,000” and inserting “\$800,000,000”;

19 (C) by striking “October 1, 2016” in each
20 place it appears and inserting “October 1,
21 2017”; and

22 (D) by striking “December 31, 2017” in
23 each place it appears and inserting “December
24 31, 2018”.

1 (2) EXTENSION OF LIMITATION ON AMOUNTS
2 ELIGIBLE FOR WAIVER.—Subsection (g) of section
3 1218 of the National Defense Authorization Act for
4 Fiscal Year 2017 (Public Law 114–328; 130 Stat.
5 2484) is amended—

6 (A) by striking “October 1, 2016” and in-
7 serting “October 1, 2017”;

8 (B) by striking “December 31, 2017” and
9 inserting “December 31, 2018”;

10 (C) in paragraph (3), strike “and” at the
11 end;

12 (D) in paragraph (4), strike the period at
13 the end and insert “; and” ; and

14 (E) by adding at the end the following:

15 “(5) Pakistan is not using its military or any
16 funds or equipment provided by the United States to
17 persecute minority groups seeking political or reli-
18 gious freedom, including the Balochi, Sindhi, and
19 Hazara ethnic groups and minority religious groups,
20 including Christian, Hindu, and Ahmadiyya Muslim.

21 “(6) Pakistan is not providing military, finan-
22 cial, or logistical support to specially designated
23 global terrorists operating in Afghanistan or Paki-
24 stan.”.

1 **SEC. 1214. SENSE OF CONGRESS RELATING TO DR. SHAKIL**

2 **AFRIDI.**

3 (a) FINDINGS.—Congress finds the following:

4 (1) The attacks of September 11, 2001, killed
5 approximately 3,000 people, most of whom were
6 Americans, but also included hundreds of individuals
7 with foreign citizenships, nearly 350 New York Fire
8 Department personnel, and about 50 law enforce-
9 ment officers.

10 (2) Downed United Airlines flight 93 was re-
11 portedly intended, under the control of the al-Qaeda
12 high-jackers, to crash into the White House or the
13 Capitol in an attempt to kill the President of the
14 United States or Members of the United States Con-
15 gress.

16 (3) The September 11, 2001, attacks were
17 largely planned and carried out by the al-Qaeda ter-
18 rorist network led by Osama bin Laden and his dep-
19 uty Ayman al Zawahiri, after which Osama bin
20 Laden enjoyed safe haven in Pakistan from where he
21 continued to plot deadly attacks against the United
22 States and the world.

23 (4) Since 2001, the United States has provided
24 more than \$30 billion in security and economic aid
25 to Pakistan.

1 (5) The United States very generously and
2 swiftly responded to the 2005 Kashmir Earthquake
3 in Pakistan with more than \$200 million in emer-
4 gency aid and the support of several United States
5 military aircraft, approximately 1,000 United States
6 military personnel, including medical specialists,
7 thousands of tents, blankets, water containers and a
8 variety of other emergency equipment.

9 (6) The United States again generously and
10 swiftly contributed approximately \$150 million in
11 emergency aid to Pakistan following the 2010 Paki-
12 stan flood, in addition to the service of nearly twenty
13 United States military helicopters, their flight crews,
14 and other resources to assist the Pakistan Army's
15 relief efforts.

16 (7) The United States continues to work tire-
17 lessly to support Pakistan's economic development,
18 including millions of dollars allocated towards the
19 development of Pakistan's energy infrastructure,
20 health services and education system.

21 (8) The United States and Pakistan continue to
22 have many critical shared interests, both economic
23 and security related, which could be the foundation
24 for a positive and mutually beneficial partnership.

1 (9) Dr. Shakil Afridi, a Pakistani physician, is
2 a hero to whom the people of the United States,
3 Pakistan and the world owe a debt of gratitude for
4 his help in finally locating Osama bin Laden before
5 more innocent American, Pakistani and other lives
6 were lost to this terrorist leader.

7 (10) Pakistan, the United States and the inter-
8 national community had failed for nearly 10 years
9 following attacks of September 11, 2001, to locate
10 and bring Osama bin Laden, who continued to kill
11 innocent civilians in the Middle East, Asia, Europe,
12 Africa and the United States, to justice without the
13 help of Dr. Afridi.

14 (11) The Government of Pakistan's imprison-
15 ment of Dr. Afridi presents a serious and growing
16 impediment to the United States' bilateral relations
17 with Pakistan.

18 (12) The Government of Pakistan has leveled
19 and allowed baseless charges against Dr. Afridi in a
20 politically motivated, spurious legal process.

21 (13) Dr. Afridi is currently imprisoned by the
22 Government of Pakistan, a deplorable and uncon-
23 scionable situation which calls into question Paki-
24 stan's actual commitment to countering terrorism

1 and undermines the notion that Pakistan is a true
2 ally in the struggle against terrorism.

3 (b) SENSE OF CONGRESS.—It is the sense of Con-
4 gress that Dr. Shakil Afridi is an international hero and
5 that the Government of Pakistan should release him im-
6 mediately from prison.

7 **Subtitle C—Matters Relating to** 8 **Syria, Iraq, and Iran**

9 **SEC. 1221. REPORT ON UNITED STATES STRATEGY IN** 10 **SYRIA.**

11 (a) IN GENERAL.—Not later than February 1, 2018,
12 the Secretary of Defense, in coordination with the Sec-
13 retary of State, shall submit to the appropriate congres-
14 sional committees a report that describes the strategy of
15 the United States in Syria.

16 (b) MATTERS TO BE INCLUDED.—The report re-
17 quired by subsection (a) shall include each of the fol-
18 lowing:

19 (1) A description of the key security and geo-
20 political interests, objectives, and long-term goals in
21 Syria for the United States and indicators for the
22 effectiveness of efforts to achieve such objectives and
23 goals.

24 (2) A description of United States assumptions
25 regarding the current intelligence picture, the roles

1 and ambitions of other countries, and the interests
2 of relevant Syrian groups with respect to such objec-
3 tives.

4 (3) A description of how current military and
5 diplomatic efforts in Syria align with such objectives,
6 and a realistic projection of the timeline necessary to
7 achieve such objectives.

8 (4) The resources required to achieve such ob-
9 jectives, including the funding estimated to be need-
10 ed each year by the Department of Defense and by
11 the Department of State (including the United
12 States Agency for International Development).

13 (5) An analysis of the threats posed to United
14 States interests by Russian and Iranian influences
15 in Syria, as well as the threats posed to such inter-
16 ests by the Islamic State of Iraq and the Levant, Al
17 Qaeda, Hezbollah, and other violent extremist orga-
18 nizations in Syria.

19 (6) A description of long-term and sustainable
20 United States involvement in Syria and the conclu-
21 sion of the current United States effort in Syria.

22 (7) A description of the coordination between
23 the Department of Defense and the Department of
24 State regarding the transition from military oper-
25 ations to stabilization programming, including a de-

1 description of how local governance and civil society
2 will be restored in areas secured through United
3 States military operations in Syria.

4 (8) A description of the threat of harm to
5 United States forces in Syria and a justification
6 based on the threat to United States interests.

7 (9) A description of amounts and sources of Is-
8 lamic State of Iraq and the Levant financing in
9 Syria and efforts to disrupt this financing as part of
10 the broader strategy of the United States in Syria.

11 (10) A description of the legal authority needed
12 to introduce United States ground combat forces in
13 Syria or needed to accomplish long term and short
14 term military objectives in Syria and a description of
15 the capabilities and willingness of the Syrian govern-
16 ment (and its allies) to use chemical or other weap-
17 ons of mass destructions against its citizens and po-
18 tentially United States and associated military forces
19 Syria.

20 (11) A description of all necessary contact be-
21 tween the United States and the governments of
22 Russia and other state actors in order to achieve the
23 United States strategy in Syria.

1 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
2 FINED.—In this section, the term “appropriate congress-
3 sional committees” means—

4 (1) the congressional defense committees; and

5 (2) the Committee on Foreign Affairs of the
6 House of Representatives and the Committee on
7 Foreign Relations of the Senate.

8 **SEC. 1221A. REPORT ON IMPACT OF HUMANITARIAN CRISIS**
9 **ON ACHIEVEMENT OF UNITED STATES SECU-**
10 **RITY OBJECTIVES IN SYRIA.**

11 (a) IN GENERAL.—Not later than February 1, 2018,
12 the Secretary of Defense, in coordination with the Sec-
13 retary of State, shall submit to the appropriate congress-
14 sional committees (as defined in section 1221(c)) a report
15 that provides an assessment of the impact of the humani-
16 tarian crisis in Syria on the achievement of goals of the
17 United States in the region, such as destroying and dis-
18 mantling the Islamic State in Iraq and the Levant and
19 peace and stability in Syria and the broader region.

20 (b) CONTENTS.—The assessment under subsection
21 (a) shall include a description of—

22 (1) the response of the United States to the
23 short-term and long-term humanitarian crisis in
24 Syria caused by attacks on the people of Syria by its

1 government, including attacks on hospitals and other
2 medical and educational facilities; and

3 (2) how the United States intends to support
4 the needs of refugees and internally displaced popu-
5 lations and intends to improve access to humani-
6 tarian aid for areas where such aid has been
7 blocked.

8 **SEC. 1222. EXTENSION AND MODIFICATION OF AUTHORITY**
9 **TO PROVIDE ASSISTANCE TO COUNTER THE**
10 **ISLAMIC STATE OF IRAQ AND THE LEVANT.**

11 (a) **AUTHORITY.**—Subsection (a) of section 1236 of
12 the Carl Levin and Howard P. “Buck” McKeon National
13 Defense Authorization Act for Fiscal Year 2015 (Public
14 Law 113–291; 128 Stat. 3559), as most recently amended
15 by section 1222 of the National Defense Authorization Act
16 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
17 2485), is further amended by striking “December 31,
18 2018” and inserting “December 31, 2019”.

19 (b) **QUARTERLY PROGRESS REPORT.**—Subsection (d)
20 of such section is further amended—

21 (1) in the first sentence of the matter preceding
22 paragraph (1), by adding at the end before the pe-
23 riod the following: “, which shall be provided in un-
24 classified form with a classified annex if necessary”;
25 and

1 (2) by adding at the end the following:

2 “(12) An assessment of—

3 “(A) security in liberated areas in Iraq;

4 “(B) the extent to which security forces
5 trained and equipped, directly or indirectly,
6 through the Office of Security Cooperation in
7 Iraq (OSC-I) are prepared to provide post-con-
8 flict stabilization and security in such liberated
9 areas; and

10 “(C) the effectiveness of security forces in
11 the post-conflict environment and an identifica-
12 tion of which such forces will provide post-con-
13 flict stabilization and security in such liberated
14 areas.”.

15 (c) FUNDING.—Subsection (g) of such section is fur-
16 ther amended—

17 (1) by striking “National Defense Authorization
18 Act for Fiscal Year 2017” and inserting “National
19 Defense Authorization Act for Fiscal Year 2018”;

20 (2) by striking “fiscal year 2017” and inserting
21 “fiscal year 2018”; and

22 (3) by striking “\$630,000,000” and inserting
23 “\$1,269,000,000”.

24 (d) SENSE OF CONGRESS.—Recognizing the impor-
25 tant role of the Iraqi Christian militias within the military

1 campaign against ISIL in Iraq, and the specific threat to
2 the Christian population in Iraq, it is the sense of Con-
3 gress that the United States should provide arms, train-
4 ing, and appropriate equipment to vetted elements of the
5 Nineveh Plain Council.

6 **SEC. 1223. EXTENSION AND MODIFICATION OF AUTHORITY**
7 **TO SUPPORT OPERATIONS AND ACTIVITIES**
8 **OF THE OFFICE OF SECURITY COOPERATION**
9 **IN IRAQ.**

10 (a) **EXTENSION OF AUTHORITY.**—Subsection (f)(1)
11 of section 1215 of the National Defense Authorization Act
12 for Fiscal Year 2012 (Public Law 112–81; 125 Stat.
13 1631; 10 U.S.C. 113 note), as most recently amended by
14 section 1223 of the National Defense Authorization Act
15 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
16 2486), is further amended by striking “fiscal year 2017”
17 and inserting “fiscal year 2018”.

18 (b) **LIMITATION ON AMOUNT.**—Subsection (c) of
19 such section is amended—

20 (1) by striking “fiscal year 2017” and inserting
21 “fiscal year 2018” ; and

22 (2) by striking “\$70,000,000” and inserting
23 “\$42,000,000”.

1 (c) SOURCE OF FUNDS.—Subsection (d) of such sec-
2 tion is amended by striking “fiscal year 2017” and insert-
3 ing “fiscal year 2018”.

4 **SEC. 1224. SENSE OF CONGRESS ON THREATS POSED BY**
5 **THE GOVERNMENT OF IRAN.**

6 (a) FINDING.—Congress expressed concerns over
7 state-sponsored threats posed by Iran and over Iran’s inte-
8 gration of conventional warfare, cyber and information op-
9 erations, intelligence operations, and other activities to un-
10 dermine United States national security interests.

11 (b) SENSE OF CONGRESS.—It is the sense of Con-
12 gress that—

13 (1) the United States should counter the malign
14 activities of the Government of Iran;

15 (2) the United States should maintain a capa-
16 ble military presence in the Arabian Gulf region to
17 deter, and, if necessary, respond to Iranian aggres-
18 sion;

19 (3) the United States should strengthen bal-
20 listic missile defense capabilities;

21 (4) the United States should ensure freedom of
22 navigation at the Bab al Mandab strait and the
23 Strait of Hormuz; and

1 (5) the United States should counter Iranian
2 efforts to illicitly proliferate weapons, including
3 cruise and ballistic missiles.

4 **SEC. 1225. REPORT ON MERITS OF AN INCIDENTS AT SEA**
5 **AGREEMENT BETWEEN THE UNITED STATES,**
6 **IRAN, AND CERTAIN OTHER COUNTRIES.**

7 (a) REPORT REQUIRED.—Not later than 1 year after
8 the date of the enactment of this Act, the Secretary of
9 Defense, in coordination with the Secretary of State, shall
10 submit to the appropriate congressional committees a re-
11 port assessing the relative merits of a multilateral or bilat-
12 eral Incidents at Sea military-to-military agreement be-
13 tween the United States, the Government of Iran, and
14 other countries operating in the Persian Gulf aimed at
15 preventing accidental naval conflict in the Persian Gulf
16 and the Strait of Hormuz.

17 (b) MATTERS TO BE INCLUDED.—Such assessment
18 should consider and evaluate the current maritime secu-
19 rity situation in the Persian Gulf and the effect that such
20 an agreement might have on military and other maritime
21 activities in the region, as well as other United States re-
22 gional strategic interests.

23 (c) FORM.—The report required by this section shall
24 be submitted in unclassified form but may contain a classi-
25 fied annex.

1 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
2 DEFINED.—In this section, the term “appropriate con-
3 gressional committees” means—

4 (1) the Committee on Armed Services and the
5 Committee on Foreign Relations of the Senate; and

6 (2) the Committee on Armed Services and the
7 Committee on Foreign Affairs of the House of Rep-
8 resentatives.

9 **SEC. 1226. EXTENSION OF QUARTERLY REPORTS ON CON-**
10 **FIRMED BALLISTIC MISSILE LAUNCHES**
11 **FROM IRAN AND IMPOSITION OF SANCTIONS**
12 **IN CONNECTION WITH THOSE LAUNCHES.**

13 (a) FINDINGS.—Congress finds the following:

14 (1) Iran continues to test ballistic missile tech-
15 nology notwithstanding the restrictions imposed
16 under United Nations Security Council Resolution
17 2231 (2015).

18 (2) On January 29, 2017, Iran tested the me-
19 dium-range Khorramshahr ballistic missile that flew
20 600 miles before exploding, in a failed test of a re-
21 entry vehicle.

22 (3) According to press reports, in March 2017
23 Iran tested two short-range Fateh 110 ballistic mis-
24 siles.

1 (4) Iran has inscribed anti-Israel propaganda
2 on its missiles, including “Israel should be wiped off
3 the Earth”.

4 (b) EXTENSION.—Section 1226(e) of the National
5 Defense Authorization Act for Fiscal Year 2017 (Public
6 Law 114–328; 130 Stat. 2487) is amended by striking
7 “December 31, 2019” and inserting “December 31,
8 2022”.

9 **SEC. 1227. REPORT ON STEPS AND PROTOCOLS RELATED**
10 **TO THE RESCUE, CARE, AND TREATMENT OF**
11 **CAPTIVES OF THE ISLAMIC STATE.**

12 (a) REPORT REQUIRED.—Not later than 60 days
13 after the date of the enactment of this Act, the Secretary
14 of Defense shall submit to the Congress a report con-
15 taining each of the following:

16 (1) A description of any steps the Department
17 of Defense is taking to ensure coordination between
18 the Armed Forces of the United States and local
19 forces in conducting military operations in regions
20 controlled by the Islamic State where religious or
21 minority groups are known or thought to be held
22 captive, in order to incorporate the rescue of such
23 captives as a secondary objective.

24 (2) A description of any protocols that will be
25 put in place by the Department of Defense, includ-

1 ing protocols developed in coordination with the Gov-
2 ernment of Iraq, for the care and treatment of reli-
3 gious or minority groups rescued from captivity
4 under the Islamic State, including any protocol for
5 relocating such groups of captives to safe locations.

6 (b) FORM.—The report required by subsection (a)
7 shall be submitted in unclassified form, but may include
8 a classified annex.

9 **SEC. 1228. REPORTS ON DEPLOYMENT OF UNITED STATES**

10 **COMBAT FORCES TO SYRIA.**

11 (a) IN GENERAL.—The President shall submit to
12 Congress a report on the deployment of United States
13 combat forces to Syria, including number of troops, extent
14 of deployment, and purpose of deployment.

15 (b) DEADLINE.—The President shall submit the re-
16 port required under subsection (a) not later than 90 days
17 after the date of the enactment of this Act and every 90
18 days thereafter through the end of calendar year 2020.

19 **SEC. 1229. REPORT ON USE BY THE GOVERNMENT OF IRAN**

20 **OF COMMERCIAL AIRCRAFT AND RELATED**

21 **SERVICES FOR ILLICIT ACTIVITIES.**

22 (a) REPORT.—Not later than 180 days after the date
23 of the enactment of this Act, and every 180 days there-
24 after, the President, in consultation with the Secretary of
25 Defense, the Secretary of State, and the Director of Na-

1 tional Intelligence, shall submit to the Committee on
2 Armed Services, Committee on Foreign Affairs, Com-
3 mittee on Financial Services, and the Permanent Select
4 Committee on Intelligence of the House of Representatives
5 a report on use by the Government of Iran of commercial
6 aircraft and related services for illicit activities.

7 (b) ELEMENTS OF REPORT.—The report required
8 under subsection (a) shall include a description of the ex-
9 tent to which—

10 (1) the Government of Iran is using commercial
11 aircraft, including aircraft of Iran Air, or related
12 services to transport illicit cargo to or from Iran, in-
13 cluding military goods, weapons, military personnel,
14 military-related electronic parts and mechanical
15 equipment, or rocket or missile components; and

16 (2) the commercial aviation sector of Iran, in-
17 cluding Iran Air, is providing financial, material, or
18 technological support to the Islamic Revolutionary
19 Guard Corps, Iran’s Ministry of Defense and Armed
20 Forces Logistics, the Bashar al Assad Regime,
21 Hezbollah, Hamas, Kata’ib Hezbollah, or any other
22 Foreign Terrorist Organization or entities des-
23 ignated as a specially designated national and
24 blocked person on the list maintained by the Office

1 of Foreign Assets Control of the Department of the
2 Treasury.

3 (c) SUNSET.—This section shall cease to be effective
4 on the date that is 30 days after the date on which the
5 President certifies to Congress that the Government of
6 Iran has ceased providing support for acts of international
7 terrorism.

8 **SEC. 1230. LIMITATION ON FUNDING.**

9 None of the funds authorized to be appropriated by
10 this Act or otherwise made available for fiscal year 2018
11 for the Counter-ISIS Train and Equip Fund are author-
12 ized to be made available to provide assistance to any re-
13 cipient of such funds that the Secretary of Defense has
14 reported, pursuant to a quarterly progress report sub-
15 mitted pursuant to section 1209 of the National Defense
16 Authorization Act for Fiscal Year 2015 (Public Law 113–
17 291; 128 Stat. 3541), as having previously misused train-
18 ing or equipment provided by the United States.

19 **SEC. 1230A. STRATEGY FOR SYRIA AND IRAQ.**

20 (a) IN GENERAL.—Not later than 90 days after the
21 date of the enactment of this Act, the Secretary of Defense
22 shall, in coordination with the Secretary of State, submit
23 to the appropriate congressional committees a strategy for
24 Syria and Iraq.

1 (b) ELEMENTS.—The strategy required by paragraph
2 (1) shall include the following:

3 (1) A description of the political and military
4 objectives and end states for Syria and Iraq.

5 (2) A description of the plan for achieving the
6 political and military objectives and end states for
7 Syria and Iraq, including—

8 (A) with respect to Syria, a plan for polit-
9 ical transition;

10 (B) with respect to Iraq—

11 (i) a plan for political reform and rec-
12 onciliation among ethnic groups and polit-
13 ical parties; and

14 (ii) an assessment of the required fu-
15 ture size and structure of the Iraqi Secu-
16 rity Forces, including irregular forces; and

17 (C) a description of the roles and respon-
18 sibilities of United States allies and partners
19 and other countries in the region in establishing
20 regional stability.

21 (3) A description of the military conditions that
22 must be met for the Islamic State of Iraq and Syria
23 to be considered defeated.

1 (c) APPROPRIATE CONGRESSIONAL COMMITTEES.—

2 In this section, the term “appropriate congressional com-
3 mittees” means—

4 (1) the Committee on Foreign Affairs and the
5 Committee on Armed Services of the House of Rep-
6 resentatives; and

7 (2) the Committee on Foreign Relations and
8 the Committee on Armed Services of the Senate.

9 **Subtitle D—Matters Relating to the**
10 **Russian Federation**

11 **SEC. 1231. EXTENSION OF LIMITATION ON MILITARY CO-**
12 **OPERATION BETWEEN THE UNITED STATES**
13 **AND THE RUSSIAN FEDERATION.**

14 Section 1232(a) of the National Defense Authoriza-
15 tion Act for Fiscal Year 2017 (Public Law 114–328; 130
16 Stat. 2488) is amended by striking “fiscal year 2017” and
17 inserting “fiscal year 2018”.

18 **SEC. 1232. PROHIBITION ON AVAILABILITY OF FUNDS RE-**
19 **LATING TO SOVEREIGNTY OF THE RUSSIAN**
20 **FEDERATION OVER CRIMEA.**

21 (a) PROHIBITION.—None of the funds authorized to
22 be appropriated by this Act or otherwise made available
23 for fiscal year 2018 for the Department of Defense may
24 be obligated or expended to implement any activity that

1 recognizes the sovereignty of the Russian Federation over
2 Crimea.

3 (b) WAIVER.—The Secretary of Defense, with the
4 concurrence of the Secretary of State, may waive the re-
5 striction on the obligation or expenditure of funds required
6 by subsection (a) if the Secretary—

7 (1) determines that to do so is in the national
8 security interest of the United States; and

9 (2) submits a notification of the waiver, at the
10 time the waiver is invoked, to the Committee on
11 Armed Services and the Committee on Foreign Af-
12 fairs of the House of Representatives and the Com-
13 mittee on Armed Services and the Committee on
14 Foreign Relations of the Senate.

15 **SEC. 1233. STATEMENT OF POLICY ON THE RUSSIAN FED-**
16 **ERATION.**

17 (a) FINDINGS.—Congress makes the following find-
18 ings:

19 (1) The Russian Federation, under the leader-
20 ship of President Vladimir Putin, continues to dem-
21 onstrate its malign activities to expand its sphere of
22 influence and undermine international norms and in-
23 stitutions both regionally and globally, including
24 through the following activities:

1 (A) An assessment of the United States in-
2 telligence community stated “. . .Russian
3 President Vladimir Putin ordered an influence
4 campaign in 2016 aimed at the U.S. presi-
5 dential election”, presented in the intelligence
6 community’s January 6, 2017, declassified re-
7 port, “Assessing Russian Activities and Inten-
8 tions in Recent U.S. Elections”.

9 (B) The Russian Federation has interfered
10 in the April 2017 election and runoff election in
11 May 2017 of the French Presidential elections.
12 As confirmed by Admiral Mike Rogers, Director
13 of the National Security Agency, at a Senate
14 Committee on Armed Services hearing on May
15 9, 2017, “If you look at the French elections .
16 . . we had become aware of Russian activity.”

17 (C) The Russian Federation has threat-
18 ened stability in their sphere of influence. As
19 stated by General Curtis M. Scaparrotti, Com-
20 mander of the United States European Com-
21 mand, in testimony at a House Committee on
22 Armed Services hearing on March 28, 2017,
23 “In the east, a resurgent Russia has turned
24 from partner to antagonist. Countries along
25 Russia’s periphery, especially Ukraine and

1 Georgia, are under threat from Moscow’s ma-
2 lign influence and military aggression.”.

3 (D) The Russian Federation has occupied
4 and attempted to annex Crimea from Ukraine.

5 (E) The Russian Federation has employed
6 hybrid warfare tactics, including cyber warfare,
7 electronic warfare, and information warfare to
8 gain influence. This includes the use of hybrid
9 tactics in assisting combined Russian-separatist
10 forces in eastern Ukraine and, in 2008, the
11 Russian incursion in Georgia.

12 (F) Military intervention in the civil war in
13 Syria.

14 (2) Both the Secretary of Defense, James
15 Mattis, and the Chairman of the Joint Chiefs of
16 Staff, General Joseph Dunford, highlight the Rus-
17 sian Federation as the number one geo-strategic
18 threat to the United States.

19 (3) The Government of the Russian Federation
20 continues its decades’ long modernization of its con-
21 ventional military force with the buildup of large
22 numbers of professionalized forces on Russia’s bor-
23 ders with Europe, re-establishing military presence
24 in the Arctic, investment in its nuclear triad, ad-

1 vanced weapons systems, fighter jets, and naval ves-
2 sels.

3 (4) In June 2016, the Center for Strategic and
4 International Studies released its report, “Evalu-
5 ating U.S. Army Force Posture in Europe: Phase
6 II”, which included the recommendation that an
7 Armed Brigade Combat Team and a combat aviation
8 brigade should be permanently assigned to Europe.
9 The report also recommends additional prepositioned
10 equipment in Western Europe.

11 (5) In January 2016, the National Commission
12 on the Future of the Army released its findings and
13 recommendations, which included Recommendation
14 14, calling for permanently stationing an Armored
15 Brigade Combat Team Forward in Europe and Rec-
16 ommendation 15 calling for the conversion of Army
17 Europe Aviation Headquarters to a warfighting mis-
18 sion command.

19 (6) In the National Defense Authorization Act
20 for Fiscal Year 2015 (Public Law 113–291), the
21 National Defense Authorization Act for Fiscal Year
22 2016 (Public Law 114–92), and the National De-
23 fense Authorization Act for Fiscal Year 2017 (Pub-
24 lic Law 114–328), Congress authorized approxi-
25 mately \$5,200,000 for the European Reassurance

1 Initiative, now the European Deterrence Initiative,
2 to reassure partners and allies and begin building a
3 credible deterrence to the Russian Federation
4 through—

5 (A) large increases in conventional re-
6 sources, including additional rotational deploy-
7 ments of United States troops and
8 prepositioning of equipment into Europe; and

9 (B) increased funding for unconventional
10 warfare resources, including cyber and special
11 operations forces, and for intelligence and indi-
12 cators and warnings.

13 (b) STATEMENT OF POLICY.—

14 (1) IN GENERAL.—It is the policy of the United
15 States to develop, implement, and sustain credible
16 deterrence against aggression by the Government of
17 the Russian Federation, in order to enhance regional
18 and global security and stability.

19 (2) CONDUCT OF POLICY.—The policy described
20 in paragraph (1) shall, among other things, be car-
21 ried out through a comprehensive defense strategy
22 and guidance to outline and resource the necessary
23 defense capabilities in the European theater. Such
24 policy shall include the following:

1 (A) Increased United States presence in
2 Europe through additional permanently sta-
3 tioned forces.

4 (B) Continued United States presence in
5 Europe through additional rotational forces.

6 (C) Increased United States prepositioned
7 military equipment to include logistics enablers
8 and a division headquarters.

9 (D) Sufficient and necessary infrastructure
10 additions and improvements throughout the Eu-
11 ropean theater.

12 (E) Increased investment and priority to
13 counter unconventional methods of warfare, in-
14 cluding sufficient cyber warfare resources, in-
15 formation operations resources, and intelligence
16 resources.

17 (F) Effective security cooperation re-
18 sources and opportunities with partners and al-
19 lies, including NATO member countries.

20 **SEC. 1234. MODIFICATION AND EXTENSION OF UKRAINE SE-**
21 **CURITY ASSISTANCE INITIATIVE.**

22 Section 1250 of the National Defense Authorization
23 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.
24 1068), as amended by section 1237 of the National De-

1 fense Authorization Act for Fiscal Year 2017 (Public Law
2 114–328; 130 Stat. 2494), is further amended—

3 (1) in subsection (c)—

4 (A) in paragraph (1), by striking
5 “\$175,000,000 of the funds available for fiscal
6 year 2017 pursuant to subsection (f)(2)” and
7 inserting “\$75,000,000 of the funds available
8 for fiscal year 2018 pursuant to subsection
9 (f)(3)”; and

10 (B) in paragraph (3)—

11 (i) by striking “fiscal year 2017” and
12 inserting “fiscal year 2018”; and

13 (ii) by striking “\$100,000,000” and
14 inserting “\$50,000,000”;

15 (2) in subsection (f), by adding at the end the
16 following:

17 “(3) For fiscal year 2018, \$150,000,000.”; and

18 (3) in subsection (h), by striking “December
19 31, 2018” and inserting “December 31, 2019”.

20 **SEC. 1235. LIMITATION ON AVAILABILITY OF FUNDS RELAT-**
21 **ING TO IMPLEMENTATION OF THE OPEN**
22 **SKIES TREATY.**

23 (a) **LIMITATION ON CONDUCT OF FLIGHTS.—**

24 (1) **IN GENERAL.—**None of the funds author-
25 ized to be appropriated by this Act or otherwise

1 made available for any fiscal year after fiscal year
2 2017 for the Department of Defense for operation
3 and maintenance, Defense-wide, or operation and
4 maintenance, Air Force, may be obligated or ex-
5 pended to conduct any flight during such fiscal year
6 for purposes of implementing the Open Skies Treaty
7 until the date that is seven days after the date on
8 which the President submits to the appropriate con-
9 gressional committees a plan described in paragraph
10 (2) with respect to such fiscal year.

11 (2) PLAN DESCRIBED.—The plan described in
12 this paragraph is a plan developed by the Secretary
13 of Defense, in coordination with the Secretary of
14 State, the Chairman of the Joint Chiefs of Staff,
15 and the Director of National Intelligence, that con-
16 tains a description of the objectives for all planned
17 flights described in paragraph (1) during such fiscal
18 year.

19 (3) UPDATE.—To the extent necessary and ap-
20 propriate, the Secretary of Defense, in coordination
21 with the Secretary of State, the Chairman of the
22 Joint Chiefs of Staff, and the Director of National
23 Intelligence, may update the plan described in para-
24 graph (2) with respect to a fiscal year and submit

1 the updated plan to the appropriate congressional
2 committees.

3 (4) APPROPRIATE CONGRESSIONAL COMMIT-
4 TEES DEFINED.—In this section, the term “appro-
5 priate congressional committees” means—

6 (A) the congressional defense committees;
7 and

8 (B) the Select Committee on Intelligence
9 and Committee on Foreign Relations of the
10 Senate and the Permanent Select Committee on
11 Intelligence and the Committee on Foreign Af-
12 fairs of the House of Representatives.

13 (5) SUNSET.—The requirements of this sub-
14 section shall terminate on the date that is five years
15 after the date of the enactment of this Act.

16 (b) PROHIBITION ON ACTIVITIES TO MODIFY
17 UNITED STATES AIRCRAFT.—None of the funds author-
18 ized to be appropriated by this Act or otherwise made
19 available for fiscal year 2018 for research, development,
20 test, and evaluation, Air Force, for arms control imple-
21 mentation (PE 0305145F) or procurement, Air Force, for
22 digital visual imaging system (BA–05, Line Item #1900)
23 may be obligated or expended to carry out any activities
24 to modify any United States aircraft for purposes of im-
25 plementing the Open Skies Treaty.

1 (c) OPEN SKIES TREATY DEFINED.—In this section,
2 the term “Open Skies Treaty” means the Treaty on Open
3 Skies, done at Helsinki March 24, 1992, and entered into
4 force January 1, 2002.

5 **SEC. 1236. SENSE OF CONGRESS ON IMPORTANCE OF NU-**
6 **CLEAR CAPABILITIES OF NATO.**

7 (a) FINDINGS.—Congress finds the following:

8 (1) The Warsaw Summit Communique, issued
9 on July 9, 2016, by the North Atlantic Treaty Orga-
10 nization (in this section referred to as “NATO”)
11 clearly defines the need for, and the importance of,
12 the nuclear mission of NATO.

13 (2) The Warsaw Summit Communique states—

14 (A) with respect to the nuclear deterrence
15 capability of NATO, “As a means to prevent
16 conflict and war, credible deterrence and
17 defence is essential. Therefore, deterrence and
18 defence, based on an appropriate mix of nu-
19 clear, conventional, and missile defence capabili-
20 ties, remains a core element of our overall strat-
21 egy. . . The fundamental purpose of NATO’s
22 nuclear capability is to preserve peace, prevent
23 coercion, and deter aggression. Nuclear weap-
24 ons are unique. Any employment of nuclear
25 weapons against NATO would fundamentally

1 alter the nature of a conflict. The cir-
2 cumstances in which NATO might have to use
3 nuclear weapons are extremely remote”;

4 (B) with respect to the nature of the nu-
5 clear deterrence posture of NATO, “NATO
6 must continue to adapt its strategy in line with
7 trends in the security environment—including
8 with respect to capabilities and other measures
9 required—to ensure that NATO’s overall deter-
10 rence and defence posture is capable of address-
11 ing potential adversaries’ doctrine and capabili-
12 ties, and that it remains credible, flexible, resil-
13 ient, and adaptable.”; and

14 (C) with respect to the importance of con-
15 tributions to the nuclear deterrence mission
16 from across the NATO alliance, “The strategic
17 forces of the Alliance, particularly those of the
18 United States, are the supreme guarantee of
19 the security of the Allies. The independent stra-
20 tegic nuclear forces of the United Kingdom and
21 France have a deterrent role of their own and
22 contribute to the overall security of the Alli-
23 ance. These Allies’ separate centres of decision-
24 making contribute to deterrence by compli-
25 cating the calculations of potential adversaries.

1 NATO's nuclear deterrence posture also relies,
2 in part, on United States' nuclear weapons for-
3 ward-deployed in Europe and on capabilities
4 and infrastructure provided by Allies concerned.
5 These Allies will ensure that all components of
6 NATO's nuclear deterrent remain safe, secure,
7 and effective. That requires sustained leader-
8 ship focus and institutional excellence for the
9 nuclear deterrence mission and planning guid-
10 ance aligned with 21st century requirements.
11 The Alliance will ensure the broadest possible
12 participation of Allies concerned in their agreed
13 nuclear burden-sharing arrangements.”.

14 (3) Secretary of Defense James Mattis, in re-
15 sponse to the advance policy questions for his Senate
16 confirmation hearing on January 12, 2017, stated
17 that—

18 (A) “NATO's nuclear deterrence posture
19 relies in part on U.S. nuclear weapons forward-
20 deployed in Europe and on capabilities and in-
21 frastructure provided by NATO allies. These
22 capabilities include dual-capable aircraft that
23 contribute to current burden-sharing arrange-
24 ments within NATO. In general, we must take
25 care to maintain this particular capability, and

1 to modernize it appropriately and in a timely
2 fashion.”; and

3 (B) the role of the nuclear weapons of the
4 United States is “to deter nuclear war and to
5 serve as last resort weapons of self-defense. In
6 this sense, U.S. nuclear weapons are funda-
7 mental to our nation’s security and have his-
8 torically provided a deterrent against aggression
9 and security assurance to U.S. allies. A robust,
10 flexible, and survivable U.S. nuclear arsenal un-
11 derpins the U.S. ability to deploy conventional
12 forces worldwide.”.

13 (4) On March 28, 2017, General Curtis
14 Scaparrotti, Commander of the United States Euro-
15 pean Command and the Supreme Allied Com-
16 mander, Europe, testified to the Committee on
17 Armed Services of the House of Representatives that
18 “NATO and U.S. nuclear forces continue to be a
19 vital component of our deterrence. Our moderniza-
20 tion efforts are crucial; we must preserve a ready,
21 credible, and safe nuclear capability.”.

22 (5) The Russian Federation is currently under-
23 going significant modernization and recapitalization
24 of all three legs of its nuclear triad, continues to
25 field and modernize a large variety of non-strategic

1 nuclear weapons, and is developing and deploying
2 new and unique nuclear capabilities.

3 (6) Russia remains in violation of the INF
4 Treaty due to the development, testing, and, most
5 recently, the operational deployment of ground-
6 launched cruise missiles in violation of the INF
7 Treaty.

8 (7) On March 28, 2017, General Paul Selva,
9 Vice Chairman of the Joint Chiefs of Staff, de-
10 scribed the security consequences of the deployment
11 of such INF Treaty-violating missiles, testifying to
12 the Committee on Armed Services of the House of
13 Representatives that “our assessment of the impact
14 is that it more threatens NATO and infrastructure
15 within the European continent than any other...area
16 of the world that we have national interests in or al-
17 liance interests in.”.

18 (8) On March 28, 2017, General Curtis
19 Scaparrotti, in testimony before the Committee on
20 Armed Services of the House of Representatives, re-
21 sponded to a question asking if Russia intends to re-
22 turn to compliance with the INF Treaty by stating,
23 “I don’t have any indication that they will at this
24 time.”.

1 (9) Rhetoric from Russian officials has dem-
2 onstrated that Moscow has sought to leverage its nu-
3 clear arsenal to threaten and intimidate neighboring
4 countries, including members of NATO, as was the
5 case when the Russian Ambassador to Denmark
6 stated, “Danish warships will be targets for Russian
7 nuclear missiles” in response to Denmark’s potential
8 cooperation in the NATO missile defense system.

9 (b) SENSE OF CONGRESS.—It is the sense of Con-
10 gress that—

11 (1) the nuclear and conventional deterrence ca-
12 pabilities of NATO are of critical importance to the
13 security of the United States and of the NATO alli-
14 ance, and must continue to adapt to the changed se-
15 curity environment in Europe;

16 (2) the ability of the United States to forward-
17 deploy dual-capable aircraft and nuclear weapons,
18 and of select members of NATO to participate in the
19 nuclear deterrence mission of NATO by hosting for-
20 ward-deployed nuclear weapons of the United States
21 or operating dual-capable aircraft, is central to the
22 credibility of the nuclear deterrence and defense pos-
23 ture of NATO;

24 (3) the strategic forces of the United States,
25 the independent nuclear forces of the United King-

1 dom and the French Republic, and the dual-capable
2 aircraft operated by the United States and other
3 members of NATO constitute foundational elements
4 of the nuclear deterrence and defense posture of
5 NATO;

6 (4) NATO should modernize its nuclear-related
7 infrastructure to ensure the highest-level of safety
8 and security;

9 (5) effective deterrence requires NATO to con-
10 duct nuclear planning and exercises aligned with
11 21st century requirements and modernize nuclear-re-
12 lated capabilities and infrastructure, including dual-
13 capable aircraft, command and control networks,
14 and facilities; and

15 (6) to ensure the continued credibility of the de-
16 terrence and defense posture of NATO, the planned
17 completion of F-35A aircraft development and test-
18 ing, as well as the delivery of such aircraft to mem-
19 bers of NATO, must not be delayed.

20 (c) INF TREATY DEFINED.—In this section, the
21 term “INF Treaty” means the Treaty Between the United
22 States of America and the Union of Soviet Socialist Re-
23 publics on the Elimination of Their Intermediate-Range
24 and Shorter-Range Missiles, commonly referred to as the
25 “Intermediate- Range Nuclear Forces (INF) Treaty”,

1 signed at Washington December 8, 1987, and entered into
2 force June 1, 1988.

3 **SEC. 1237. SENSE OF CONGRESS ON SUPPORT FOR GEOR-**
4 **GIA.**

5 (a) FINDINGS.—Congress finds the following:

6 (1) Georgia is a valued friend of the United
7 States and has repeatedly demonstrated its commit-
8 ment to advancing the mutual interests of both
9 countries, including the deployment of Georgian
10 forces as part of the NATO-led International Secu-
11 rity Assistance Force (ISAF) in Afghanistan and the
12 Multi-National Force in Iraq.

13 (2) The European Deterrence Initiative builds
14 the partnership capacity of Georgia so it can work
15 more closely with the United States and NATO, as
16 well as provide for its own defense.

17 (3) In addition to the European Deterrence Ini-
18 tiative, Georgia's participation in the NATO initia-
19 tive Partnership for Peace is paramount to inter-
20 operability with the United States and NATO, and
21 establishing a more peaceful environment in the re-
22 gion.

23 (4) Despite the losses suffered, as a NATO
24 partner of ISAF, Georgia is engaged in the Resolute

1 Support Mission in Afghanistan with the second
2 largest contingent on the ground.

3 (b) SENSE OF CONGRESS.—Congress—

4 (1) reaffirms United States support for Geor-
5 gia’s sovereignty and territorial integrity within its
6 internationally-recognized borders, and does not rec-
7 ognize the independence of the Abkhazia and South
8 Ossetia regions currently occupied by the Russian
9 Federation; and

10 (2) supports continued cooperation between the
11 United States and Georgia and the efforts of the
12 Government of Georgia to provide for the defense of
13 its people and sovereign territory.

14 **SEC. 1238. SENSE OF CONGRESS ON SUPPORT FOR ESTO-**
15 **NIA, LATVIA, AND LITHUANIA.**

16 (a) FINDINGS.—Congress finds the following:

17 (1) The Baltic States of Estonia, Latvia, and
18 Lithuania are highly valued allies of the United
19 States, and they have repeatedly demonstrated their
20 commitment to advancing our mutual interests as
21 well as those of the NATO Alliance.

22 (2) Operation Atlantic Resolve is a series of ex-
23 ercises and coordinating efforts demonstrating the
24 United States’ commitment to its European partners
25 and allies, including the Baltic States of Estonia,

1 Latvia, and Lithuania, with the shared goal of peace
2 and stability in the region. Operation Atlantic Re-
3 solve strengthens communication and understanding,
4 and is an important effort to deter Russian aggres-
5 sion in the region.

6 (3) Through Operation Atlantic Resolve, the
7 European Deterrence Initiative undertakes exercises,
8 training, and rotational presence necessary to reas-
9 sure and integrate our allies, including the Baltic
10 States, into a common defense framework.

11 (4) All three Baltic States contributed to the
12 NATO-led International Security Assistance Force
13 in Afghanistan, sending disproportionate numbers of
14 troops and operating with few caveats. The Baltic
15 States continue to engage in Operation Resolute
16 Support in Afghanistan.

17 (b) SENSE OF CONGRESS.—Congress—

18 (1) reaffirms its support for the principle of col-
19 lective defense in Article 5 of the North Atlantic
20 Treaty for our NATO allies, including Estonia, Lat-
21 via, and Lithuania;

22 (2) supports the sovereignty, independence, ter-
23 ritorial integrity, and inviolability of Estonia, Latvia,
24 and Lithuania as well as their internationally recog-
25 nized borders, and expresses concerns over increas-

1 ingly aggressive military maneuvering by the Rus-
2 sian Federation near their borders and airspace;

3 (3) expresses concern over and condemns sub-
4 versive and destabilizing activities by the Russian
5 Federation within the Baltic States; and

6 (4) encourages the Administration to further
7 enhance defense cooperation efforts with Estonia,
8 Latvia, and Lithuania and supports the efforts of
9 their Governments to provide for the defense of their
10 people and sovereign territory.

11 **SEC. 1239. REPORT ON DEFENSE COOPERATION BETWEEN**
12 **SERBIA AND THE RUSSIAN FEDERATION.**

13 (a) IN GENERAL.—Not later than 90 days after the
14 date of the enactment of this Act, the Secretary of De-
15 fense, in consultation with the Secretary of State, shall
16 submit to the congressional defense committees and the
17 Committees on Foreign Relations of the Senate and the
18 Committee on Foreign Affairs of the House of Representa-
19 tives a report on the defense and security relationship be-
20 tween Serbia and the Russian Federation.

21 (b) MATTERS TO BE INCLUDED.—The report re-
22 quired under subsection (a) shall include the following:

23 (1) A list of Russian weapons systems and
24 other military hardware and technology valued at

1 \$1,000,000 or more that have been provided to Ser-
2 bia since 2012.

3 (2) A description of the participation by Ser-
4 bian armed forces in Russian military training or ex-
5 ercises since 2012.

6 (3) A list of any defense and security coopera-
7 tion agreements between Serbia and Russia entered
8 into since 2012.

9 (4) An assessment of how the countries bor-
10 dering Serbia assess the risk the Serbian armed
11 forces pose to their national security.

12 (5) An assessment of intelligence cooperation
13 between Serbia and Russia.

14 (6) An assessment of defense and security co-
15 operation between Serbia and the United States.

16 (7) An assessment of how military relations be-
17 tween Serbia and Russia affect United States de-
18 fense and security cooperation with Serbia and co-
19 operation between Serbia and the North Atlantic
20 Treaty Organization.

21 (c) FORM.—The report required under subsection (a)
22 shall be submitted in unclassified form, but may include
23 a classified annex.

1 **SEC. 1240. PLAN TO RESPOND IN CASE OF RUSSIAN NON-**
2 **COMPLIANCE WITH THE NEW START TREATY.**

3 (a) IN GENERAL.—Not later than 30 days after the
4 date of the enactment of this Act, the President shall sub-
5 mit to the congressional defense committees, the Com-
6 mittee on Foreign Affairs of the House of Representatives,
7 and the Committee on Foreign Relations of the Senate
8 a report—

9 (1) describing the options available in response
10 to a failure by Russia to achieve the reductions re-
11 quired by the New START Treaty before February
12 5, 2018; and

13 (2) including the assessment of the Secretary of
14 Defense whether such a failure would constitute a
15 material breach of the New START Treaty, pro-
16 viding grounds for the United States to withdraw
17 from the treaty.

18 (b) OPTIONS DESCRIBED.—The report required
19 under subsection (a) shall specifically describe options to
20 respond to such a failure relating to the following:

21 (1) Economic sanctions.

22 (2) Diplomacy.

23 (3) Additional deployment of ballistic or cruise
24 missile defense capabilities, or other United States
25 capabilities that would offset any potential Russian
26 military advantage from such a failure.

1 (4) Redeployment of United States nuclear
2 forces beyond the levels required by the New
3 START Treaty, and the associated costs and im-
4 pacts on United States operations.

5 (5) Legal countermeasures available under
6 other treaties between the United States and Russia,
7 including under the Treaty on Open Skies, done at
8 Helsinki March 24, 1992, and entered into force
9 January 1, 2002.

10 (c) NEW START TREATY.—In this section, the term
11 “New START Treaty” means the Treaty between the
12 United States of America and the Russian Federation on
13 Measures for the Further Reduction and Limitation of
14 Strategic Offensive Arms, signed at Prague April 8, 2010,
15 and entered into force February 5, 2011.

16 **Subtitle E—Intermediate-Range**
17 **Nuclear Forces (INF) Treaty**
18 **Preservation Act of 2017**

19 **SEC. 1241. SHORT TITLE.**

20 This subtitle may be cited as the “Intermediate-
21 Range Nuclear Forces (INF) Treaty Preservation Act of
22 2017”.

23 **SEC. 1242. FINDINGS.**

24 Congress makes the following findings:

1 (1) The 2014, 2015, and 2016 Department of
2 State reports entitled, “Adherence to and Compli-
3 ance with Arms Control, Nonproliferation, and Dis-
4 armament Agreements and Commitments”, all stat-
5 ed that the United States has determined that “the
6 Russian Federation is in violation of its obligations
7 under the INF Treaty not to possess, produce, or
8 flight-test a ground-launched cruise missile (GLCM)
9 with a range capability of 500 km to 5,500 km, or
10 to possess or produce launchers of such missiles”.

11 (2) The 2016 report also noted that “the cruise
12 missile developed by Russia meets the INF Treaty
13 definition of a ground-launched cruise missile with a
14 range capability of 500 km to 5,500 km, and as
15 such, all missiles of that type, and all launchers of
16 the type used or tested to launch such a missile, are
17 prohibited under the provisions of the INF Treaty”.

18 (3) Potential consistency and compliance con-
19 cerns regarding the INF Treaty noncompliant
20 GLCM have existed since 2008, were not officially
21 raised with the Russian Federation until 2013, and
22 were not briefed to the North Atlantic Treaty Orga-
23 nization (NATO) until January 2014.

1 (4) The United States Government is aware of
2 other consistency and compliance concerns regarding
3 Russia actions vis-à-vis its INF Treaty obligations.

4 (5) Since 2013, senior United States officials,
5 including the President, the Secretary of State, and
6 the Chairman of the Joint Chiefs of Staff, have
7 raised Russian noncompliance with the INF Treaty
8 to their counterparts, but no progress has been
9 made in bringing the Russian Federation back into
10 compliance with the INF Treaty.

11 (6) In April 2014, General Breedlove, the Su-
12 preme Allied Commander Europe, correctly stated,
13 “A weapon capability that violates the INF, that is
14 introduced into the greater European land mass, is
15 absolutely a tool that will have to be dealt with . . .
16 It can’t go unanswered.”.

17 (7) The Department of Defense in its Sep-
18 tember 2013 report, Report on Conventional Prompt
19 Global Strike Options if Exempt from the Restric-
20 tions of the Intermediate-Range Nuclear Forces
21 Treaty Between the United States of America and
22 the Union of Soviet Socialist Republics, stated that
23 it has multiple validated military requirement gaps
24 due to the prohibitions imposed on the United States
25 as a result of its compliance with the INF Treaty.

1 (8) It is not in the national security interests
2 of the United States to be unilaterally legally prohib-
3 ited from developing dual-capable ground-launched
4 cruise missiles with ranges between 500 and 5,500
5 kilometers, while Russia makes advances in devel-
6 oping and fielding this class of weapon systems, and
7 such unilateral limitation cannot be allowed to con-
8 tinue indefinitely.

9 (9) Admiral Harry Harris, Jr., Commander of
10 the United States Pacific Command, testified before
11 the Senate Armed Services Committee on April 27,
12 2017, that “[W]e’re in a multi-polar world where we
13 have a lot of countries who are developing these
14 weapons, including China, that I worry about. And
15 I worry about their DF-21 and DF-26 missile pro-
16 grams, their anti-carrier ballistic missile programs,
17 if you will. INF doesn’t address missiles launched
18 from ships or airplanes, but it focuses on those land-
19 based systems. I think there’s goodness in the INF
20 treaty, anything you can do to limit nuclear weapons
21 writ-large is generally good. But the aspects of the
22 INF Treaty that limit our ability to counter Chinese
23 and other countries’ land-based missiles, I think, is
24 problematic.”.

1 (10) A material breach of the INF Treaty by
2 the Russian Federation affords the United States
3 the right to invoke legal countermeasures which in-
4 clude suspension of the treaty in whole or in part.

5 (11) Article XV of the INF Treaty provides
6 that “Each Party shall, in exercising its national
7 sovereignty, have the right to withdraw from this
8 Treaty if it decides that extraordinary events related
9 to the subject matter of this Treaty have jeopardized
10 its supreme interests.”.

11 **SEC. 1243. COMPLIANCE ENFORCEMENT REGARDING RUS-**
12 **SIAN VIOLATIONS OF THE INF TREATY.**

13 (a) STATEMENT OF UNITED STATES POLICY.—It is
14 the policy of the United States as follows:

15 (1) The actions undertaken by the Russian
16 Federation in violation of the INF Treaty constitute
17 a material breach of the treaty.

18 (2) In light of the Russian Federation’s mate-
19 rial breach of the INF Treaty, the United States is
20 legally entitled to suspend the operation of the INF
21 Treaty in whole or in part for so long as the Russian
22 Federation continues to be in material breach.

23 (3) For so long as the Russian Federation re-
24 mains in noncompliance with the INF Treaty, the
25 United States should take actions to encourage the

1 Russian Federation return to compliance, including
2 by—

3 (A) providing additional funds for the ca-
4 pabilities identified in section 1243(d) of the
5 National Defense Authorization Act for Fiscal
6 Year 2016 (Public Law 114–92; 129 Stat.
7 1062); and

8 (B) seeking additional missile defense as-
9 sets in the European theater to protect United
10 States and NATO forces from ground-launched
11 missile systems of the Russian Federation that
12 are in noncompliance with the INF Treaty.

13 (b) AUTHORIZATION OF ADDITIONAL APPROPRIA-
14 TIONS.—

15 (1) IN GENERAL.—Of the funds authorized to
16 be appropriated by this Act for fiscal year 2018 for
17 research, development, test, and evaluation, as speci-
18 fied in the funding table in division D, \$50,000,000
19 shall be made available for—

20 (A) the development of active defenses to
21 counter ground-launched missile systems with
22 ranges between 500 and 5,500 kilometers;

23 (B) counterforce capabilities to prevent at-
24 tacks from these missiles; and

1 (C) countervailing strike capabilities to en-
2 hance the capabilities of the United States iden-
3 tified in section 1243(d) of the National De-
4 fense Authorization Act for Fiscal Year 2016
5 (Public Law 114–92; 129 Stat. 1062).

6 (2) DEVELOPMENT.—Of the amount authorized
7 to be appropriated by paragraph (1), \$25,000,000 is
8 authorized to be appropriated for activities under-
9 taken to carry out section 1244(a), including with
10 respect to research and development activities.

11 **SEC. 1244. DEVELOPMENT OF INF RANGE GROUND-**
12 **LAUNCHED MISSILE SYSTEM.**

13 (a) ESTABLISHMENT OF A PROGRAM OF RECORD.—
14 The Secretary of Defense shall establish a program of
15 record to develop a conventional road-mobile ground-
16 launched cruise missile system with a range of between
17 500 to 5,500 kilometers.

18 (b) REPORT.—Not later than 120 days after the date
19 of the enactment of this Act, the Secretary of Defense
20 shall submit to the congressional defense committees, the
21 Committee on Foreign Affairs of the House of Representa-
22 tives, and the Committee on Foreign Relations of the Sen-
23 ate a report on the cost, schedule, and feasibility to modify
24 existing and planned missile systems, including the toma-
25 hawk land attack cruise missile, the standard missile-3,

1 the standard missile-6, and Army tactical missile system
2 missiles for ground launch with a range of between 500
3 and 5,500 kilometers in order to provide any of the capa-
4 bilities identified in section 1243(d) of the National De-
5 fense Authorization Act for Fiscal Year 2016 (Public Law
6 114–92; 129 Stat. 1062).

7 **SEC. 1245. NOTIFICATION REQUIREMENT RELATED TO RUS-**
8 **SIAN FEDERATION DEVELOPMENT OF NON-**
9 **COMPLIANT SYSTEMS AND UNITED STATES**
10 **ACTIONS REGARDING MATERIAL BREACH OF**
11 **INF TREATY BY THE RUSSIAN FEDERATION.**

12 (a) **DECLARATION OF POLICY.**—Congress declares
13 that because of the Russian Federation’s violations of the
14 INF Treaty, including the flight-test, production, and pos-
15 session of prohibited systems, its actions have defeated the
16 object and purpose of the INF Treaty, and thus constitute
17 a material breach of the INF Treaty.

18 (b) **NOTIFICATION BY DIRECTOR OF NATIONAL IN-**
19 **TELLIGENCE.**—

20 (1) **IN GENERAL.**—The Director of National In-
21 telligence shall notify the appropriate congressional
22 committees of any development, deployment, or test
23 of a system by the Russian Federation that the Di-
24 rector determines is inconsistent with the INF Trea-
25 ty.

1 (2) DEADLINE.—A notification under this sub-
2 section shall be made not later than 15 days after
3 the date on which the Director makes the determina-
4 tion under this subsection with respect to which the
5 notification is required.

6 (c) REPORT BY PRESIDENT.—Not later than 15
7 months after the date of the enactment of this Act, the
8 President shall submit to the appropriate congressional
9 committees a report that contains a determination of the
10 President of whether the Russian Federation has flight-
11 tested, produced, or is in possession of a ground-launched
12 cruise missile or ground-launched ballistic missile with a
13 range of between 500 and 5,500 kilometers during each
14 of the three consecutive 120-day periods beginning on the
15 date of the enactment of this Act.

16 (d) UNITED STATES ACTIONS.—If the determination
17 of the President contained in the report required to be
18 submitted under subsection (c) is that the Russian Fed-
19 eration has flight-tested, produced, or is in possession of
20 any missile described in subsection (c) during each of the
21 periods described in subsection (c), the prohibitions set
22 forth in Article VI of the INF Treaty shall no longer be
23 binding on the United States as a matter of United States
24 law.

1 **SEC. 1246. LIMITATION ON AVAILABILITY OF FUNDS TO EX-**
2 **TEND THE IMPLEMENTATION OF THE NEW**
3 **START TREATY.**

4 None of the funds authorized to be appropriated or
5 otherwise made available for fiscal year 2018 for the De-
6 partment of Defense may be obligated or expended to ex-
7 tend the implementation of the New START Treaty un-
8 less the President certifies to the appropriate congres-
9 sional committees that the Russian Federation has
10 verifiably eliminated all missiles that are in violation of
11 or may be inconsistent with the INF Treaty.

12 **SEC. 1247. REVIEW OF RS-26 BALLISTIC MISSILE.**

13 (a) IN GENERAL.—The President, in consultation
14 with the Secretary of State, the Secretary of Defense, the
15 Chairman of the Joint Chiefs of Staff, and the Director
16 of National Intelligence, shall conduct a review of the RS-
17 26 ballistic missile of the Russian Federation.

18 (b) REPORT REQUIRED.—Not later than 90 days
19 after the date of the enactment of this Act, the President,
20 in consultation with the Secretary of State, the Secretary
21 of Defense, the Chairman of the Joint Chiefs of Staff, and
22 the Director of National Intelligence, shall submit to the
23 appropriate congressional committees a report on the re-
24 view conducted under subsection (a). The report shall in-
25 clude—

1 (1) a determination whether the RS–26 ballistic
2 missile is covered under the New START Treaty or
3 would be a violation of the INF Treaty because Rus-
4 sia has flight-tested such missile to ranges covered
5 by the INF Treaty in more than one warhead con-
6 figuration; and

7 (2) if the President determines that the RS–26
8 ballistic missile is covered under the New START
9 Treaty, a determination whether the Russian Fed-
10 eration—

11 (A) has agreed through the Bilateral Con-
12 sultative Commission that such a system is lim-
13 ited under the New START Treaty central lim-
14 its; and

15 (B) has agreed to an exhibition of such a
16 system.

17 (c) EFFECT OF DETERMINATION.—If the President,
18 with the concurrence of the Secretary of State, the Sec-
19 retary of Defense, the Chairman of the Joint Chiefs of
20 Staff, and the Director of National Intelligence, deter-
21 mines that the RS–26 ballistic missile is covered under
22 the New START Treaty and that the Russian Federation
23 has not taken the steps described under subsection (b)(2),
24 the United States Government shall consider for purposes
25 of all policies and decisions that the RS–26 ballistic mis-

1 sile of the Russian Federation is a violation of the INF
2 Treaty.

3 **SEC. 1248. DEFINITIONS.**

4 In this subtitle:

5 (1) APPROPRIATE CONGRESSIONAL COMMIT-
6 TEES.—The term “appropriate congressional com-
7 mittees” means—

8 (A) the Select Committee on Intelligence,
9 the Committee on Foreign Relations, the Com-
10 mittee on Armed Services, and the Committee
11 on Appropriations of the Senate; and

12 (B) the Permanent Select Committee on
13 Intelligence, the Committee on Foreign Affairs,
14 the Committee on Armed Services, and the
15 Committee on Appropriations of the House of
16 Representatives.

17 (2) INF TREATY.—The term “INF Treaty”
18 means the Treaty between the United States of
19 America and the Union of Soviet Socialist Republics
20 on the Elimination of Their Intermediate-Range and
21 Shorter-Range Missiles, signed at Washington De-
22 cember 8, 1987, and entered into force June 1,
23 1988.

24 (3) INTELLIGENCE COMMUNITY.—The term
25 “intelligence community” has the meaning given the

1 term in section 3(4) of the National Security Act of
2 1947 (50 U.S.C. 3003(4)).

3 (4) NEW START TREATY.—The term “New
4 START Treaty” means the Treaty between the
5 United States of America and the Russian Federa-
6 tion on Measures for the Further Reduction and
7 Limitation of Strategic Offensive Arms, signed at
8 Prague April 8, 2010, and entered into force Feb-
9 ruary 5, 2011.

10 (5) OPEN SKIES TREATY.—The term “Open
11 Skies Treaty” means the Treaty on Open Skies,
12 done at Helsinki March 24, 1992, and entered into
13 force January 1, 2002.

14 **Subtitle F—Fostering Unity**
15 **Against Russian Aggression Act**
16 **of 2017**

17 **SEC. 1251. SHORT TITLE.**

18 This subtitle may be cited as the “Fostering Unity
19 Against Russian Aggression Act of 2017”.

20 **SEC. 1252. FINDINGS AND SENSE OF CONGRESS.**

21 (a) FINDINGS.—Congress finds the following:

22 (1) General Curtis M. Scaparrotti, Commander
23 of the United States European Command, testified
24 before the House Armed Services Committee on
25 March 27, 2017, that “Today we face the most dy-

1 namic European security environment in history.”
2 and that “Russia’s malign actions are supported by
3 its diplomatic, information, economic, and military
4 initiatives.”.

5 (2) The Russian Federation has shifted to a
6 military doctrine that envisions using nuclear weap-
7 ons in an attempt to end a failing regional conven-
8 tional conflict. On June 25, 2015, Deputy Secretary
9 of Defense Robert Work and then-Vice-Chairman of
10 the Joint Chiefs of Staff Admiral James Winnefeld
11 testified before the House Armed Services Com-
12 mittee that “Russian military doctrine includes what
13 some have called an ‘escalate to de-escalate’ strat-
14 egy—a strategy that purportedly seeks to deescalate
15 a conventional conflict through coercive threats, in-
16 cluding limited nuclear use. We think that this label
17 is dangerously misleading. Anyone who thinks they
18 can control escalation through the use of nuclear
19 weapons is literally playing with fire. Escalation is
20 escalation, and nuclear use would be the ultimate es-
21 calation.”.

22 (3) General Scaparrotti noted in his March 27,
23 2017, testimony before the House Armed Services
24 Committee that “Moscow’s provocative rhetoric and

1 nuclear threats increase the likelihood of misunder-
2 standing and miscalculation.”.

3 (4) The Russian Federation continues to con-
4 duct ongoing influence campaigns aimed at under-
5 mining democracies around the world. According to
6 an assessment by the intelligence community, “Rus-
7 sian President Vladimir Putin ordered an influence
8 campaign in 2016 aimed at the U.S. presidential
9 election”, which included the use of the Russian
10 military intelligence organization. The intelligence
11 community also assessed that Russia would apply
12 lessons learned to future influence efforts worldwide,
13 including against United States allies and their elec-
14 tion systems.

15 (5) The Russian Federation continues its ag-
16 gression on its periphery. In 2008, the Russian Fed-
17 eration fomented conflict in Georgia. Further, the
18 Russian Federation is directing combined Russian-
19 Separatist units in eastern Ukraine, actively inciting
20 violence and prolonging the most significant conflict
21 in Europe.

22 (6) The investment of over \$5 billion in the Eu-
23 ropean Reassurance Initiative (ERI), now the Euro-
24 pean Deterrence Initiative (EDI), has proven suc-
25 cessful in significantly enhancing the ability of

1 United States forces, NATO allies, and regional
2 partners to deter Russian aggression. EDI has not
3 only assured our European allies and partners but
4 supported essential investments in NATO’s military
5 capacity, interoperability, and agility.

6 (b) SENSE OF CONGRESS.—It is the sense of Con-
7 gress that—

8 (1) the risks of miscalculation in a crisis are ex-
9 acerbated by the Russian Federation’s shift to a
10 military doctrine of “escalate to de-escalate”, low-
11 ering the threshold for Russian use of nuclear weap-
12 ons and thereby increasing the risk of using nuclear
13 weapons, potentially escalating in to a massive nu-
14 clear exchange;

15 (2) subversive and destabilizing activities by the
16 Russian Federation targeting NATO allies and part-
17 ners causes concern and should be condemned;

18 (3) European Deterrence Initiative (EDI) in-
19 vestments are long-term and, as such, Congress ex-
20 pects future budgets to reflect United States com-
21 mitment by planning for funding in the base budget,
22 and further EDI should build on United States pres-
23 ence by increasing the United States permanent
24 force posture; and

1 (4) credible deterrence requires steadfast co-
2 operation and joint action with NATO allies and
3 partners and other United States allies and partners
4 in Europe.

5 **SEC. 1253. STRATEGY TO COUNTER THREATS BY THE RUS-**
6 **SIAN FEDERATION.**

7 (a) STRATEGY REQUIRED.—The Secretary of De-
8 fense, in coordination with the Secretary of State and in
9 consultation with each of the Secretaries of the military
10 departments, the Joint Chiefs of Staff, and the com-
11 manders of each of the regional and functional combatant
12 commands, shall develop and implement a comprehensive
13 strategy to counter threats by the Russian Federation.

14 (b) REPORT REQUIRED.—

15 (1) IN GENERAL.—Not later than 180 days
16 after the date of the enactment of this Act, the Sec-
17 retary of Defense shall submit to the appropriate
18 congressional committees a report on the strategy
19 required by subsection (a).

20 (2) ELEMENTS.—The report required by this
21 subsection shall include the following elements:

22 (A) An evaluation of strategic objectives
23 and motivations of the Russian Federation.

24 (B) A detailed description of Russian
25 threats to the national security of the United

1 States, including threats that may pose chal-
2 lenges below the threshold of armed conflict.

3 (C) A discussion of how the strategy com-
4 plements the National Defense Strategy and
5 the National Military Strategy.

6 (D) A discussion of the ends, ways, and
7 means inherent to the strategy.

8 (E) A discussion of the strategy's objec-
9 tives with respect to deterrence, escalation con-
10 trol, and conflict resolution.

11 (F) A description of the military activities
12 across geographic regions and military func-
13 tions and domains that are inherent to the
14 strategy.

15 (G) A description of the posture, forward
16 presence, and readiness requirements inherent
17 to the strategy.

18 (H) A description of the roles of the
19 United States Armed Forces in implementing
20 the strategy, including—

21 (i) the role of United States nuclear
22 capabilities;

23 (ii) the role of United States space ca-
24 pabilities;

1 (iii) the role of United States cyber
2 capabilities;

3 (iv) the role of United States conven-
4 tional ground forces;

5 (v) the role of United States naval
6 forces;

7 (vi) the role of United States air
8 forces; and

9 (vii) the role of United States special
10 operations forces.

11 (I) An assessment of the force require-
12 ments needed to implement and sustain the
13 strategy.

14 (J) A description of the logistical require-
15 ments needed to implement and sustain the
16 strategy.

17 (K) An assessment of the technological re-
18 search and development requirements needed to
19 implement and sustain the strategy.

20 (L) An assessment of the training and ex-
21 ercise requirements needed to implement and
22 sustain the strategy.

23 (M) An assessment of the budgetary re-
24 source requirements needed to implement and

1 sustain the strategy through December 31,
2 2030.

3 (N) A discussion of how the strategy pro-
4 vides a framework for future planning and in-
5 vestments in regional defense initiatives, includ-
6 ing the European Deterrence Initiative.

7 (3) FORM.—The report required by this sub-
8 section shall be submitted in unclassified form but
9 may contain a classified annex.

10 **SEC. 1254. STRATEGY TO INCREASE CONVENTIONAL PRECI-**
11 **SION STRIKE WEAPON STOCKPILES IN THE**
12 **UNITED STATES EUROPEAN COMMAND'S**
13 **AREAS OF RESPONSIBILITY.**

14 (a) STRATEGY REQUIRED.—

15 (1) IN GENERAL.—The Secretary of Defense, in
16 coordination with the Secretary of State, shall de-
17 velop and implement a strategy to increase conven-
18 tional precision strike weapon stockpiles in the
19 United States European Command's areas of re-
20 sponsibility.

21 (2) ELEMENTS.—The strategy required by this
22 subsection shall include necessary increases in the
23 quantities of such stockpiles that the Secretary de-
24 termines will enhance deterrence and warfighting ca-

1 pability of the North Atlantic Treaty Organization
2 forces.

3 (b) REPORT REQUIRED.—

4 (1) IN GENERAL.—Not later than April 1,
5 2018, the Secretary of Defense shall submit to the
6 appropriate congressional committees a report on
7 the strategy required by subsection (a).

8 (2) FORM.—The report required by this sub-
9 section shall be submitted in unclassified form but
10 may contain a classified annex.

11 **SEC. 1255. PLAN TO COUNTER THE MILITARY CAPABILITIES**
12 **OF THE RUSSIAN FEDERATION.**

13 (a) PLAN REQUIRED.—

14 (1) IN GENERAL.—The Secretary of Defense
15 shall develop and implement a plan to counter the
16 military capabilities of the Russian Federation.

17 (2) ELEMENTS.—The plan required by this
18 subsection shall include the following:

19 (A) Accelerating programs to improve the
20 capability of United States military forces to
21 operate in a Global Positioning System (GPS)-
22 denied or GPS-degraded environment.

23 (B) Accelerating programs of the Depart-
24 ment of the Army to counter Russian un-

1 manned aircraft systems, electronic warfare,
2 and long-range precision strike capabilities.

3 (C) Countering unconventional capabilities
4 and hybrid threats from the Russian Federa-
5 tion.

6 (D) Any other elements that the Secretary
7 determines to be appropriate.

8 (b) REPORT REQUIRED.—

9 (1) IN GENERAL.—Not later than April 1,
10 2018, the Secretary of Defense shall submit to the
11 appropriate congressional committees a report on
12 the plan required by subsection (a).

13 (2) FORM.—The report required by this sub-
14 section shall be submitted in unclassified form but
15 may contain a classified annex.

16 (c) SENSE OF CONGRESS.—It is the sense of Con-
17 gress that concerns persist over the growing sophistication
18 of unconventional and hybrid state-sponsored threats by
19 the Russian Federation as demonstrated through its ad-
20 vancement and integration of conventional warfare, eco-
21 nomic warfare, cyber and information operations, intel-
22 ligence operations, and other activities to undermine
23 United States national security objectives.

1 **SEC. 1256. PLAN TO INCREASE CYBER AND INFORMATION**
2 **OPERATIONS, DETERRENCE, AND DEFENSE.**

3 (a) PLAN.—The Secretary of Defense and the Sec-
4 retary of State shall jointly develop a plan to—

5 (1) increase inclusion of regional cyber planning
6 within larger United States joint planning exercises
7 in the European region;

8 (2) enhance joint, regional, and combined infor-
9 mation operations and strategic communication
10 strategies to counter Russian Federation informa-
11 tion warfare, malign influence, and propaganda ac-
12 tivities; and

13 (3) identify potential areas of cybersecurity col-
14 laboration and partnership capabilities with NATO
15 and other European allies and partners of the
16 United States.

17 (b) BRIEFING.—Not later than 180 days after the
18 date of the enactment of this Act, the Secretary of Defense
19 shall provide to the appropriate congressional committees
20 a briefing on the plan required under subsection (a).

21 **SEC. 1257. SENSE OF CONGRESS ON ENHANCING MARITIME**
22 **CAPABILITIES.**

23 Congress notes the 2016 Force Structure Assessment
24 (FSA) that increased the requirement for fast attack sub-
25 marine (SSN) from 48 to 66 and supports an acquisition

1 plan that enhances maritime capabilities that address this
2 requirement.

3 **SEC. 1258. PLAN TO REDUCE THE RISKS OF MISCALCULA-**
4 **TION AND UNINTENDED CONSEQUENCES**
5 **THAT COULD PRECIPITATE A NUCLEAR WAR.**

6 (a) FINDINGS.—Congress finds that—

7 (1) the Russian Federation has adopted a dan-
8 gerous nuclear doctrine that includes a strategy of
9 “escalate to de-escalate”, which could lower the
10 threshold for Russian use of nuclear weapons in a
11 regional conflict; and

12 (2) such nuclear doctrine exacerbates the risks
13 of miscalculation and unintended consequences that
14 could precipitate a nuclear war.

15 (b) PLAN REQUIRED.—

16 (1) IN GENERAL.—Not later than March 1,
17 2018, the Secretary of Defense, in coordination with
18 the Chairman of the Joint Chief of Staff, the Com-
19 mander of the United States Strategic Command,
20 and the Commander of the United States European
21 Command, shall submit to the congressional defense
22 committees a plan that includes options to reduce
23 the risk of miscalculation and unintended con-
24 sequences that could precipitate a nuclear war.

1 (2) ELEMENTS.—The plan required under this
2 subsection shall include—

3 (A) an assessment of the value of military-
4 to-military dialog to reduce such risk; and

5 (B) any other recommendations the Sec-
6 retary determines to be appropriate.

7 **SEC. 1259. DEFINITIONS.**

8 In this subtitle:

9 (1) APPROPRIATE CONGRESSIONAL COMMIT-
10 TEES.—The term “appropriate congressional com-
11 mittees” means—

12 (A) the congressional defense committees;
13 and

14 (B) the Committee on Foreign Relations of
15 the Senate and the Committee on Foreign Af-
16 fairs of the House of Representatives.

17 (2) NATO.—The term “NATO” means the
18 North Atlantic Treaty Organization.

19 **Subtitle G—Matters Relating to the**
20 **Indo-Asia-Pacific Region**

21 **SEC. 1261. SENSE OF CONGRESS ON THE INDO-ASIA-PA-**
22 **CIFIC REGION.**

23 It is the sense of Congress that—

1 (1) the security, stability, and prosperity of the
2 Indo-Asia-Pacific region are vital to the national in-
3 terests of the United States;

4 (2) the United States should maintain a mili-
5 tary capability in the region that is able to project
6 power, deter acts of aggression, and respond, if nec-
7 essary, to regional threats;

8 (3) continuing efforts by the Department of De-
9 fense to realign forces, commit additional assets, and
10 increase investments to the Indo-Asia-Pacific region
11 are necessary to maintain a robust United States
12 commitment to the region;

13 (4) the Secretary of Defense should—

14 (A) assess the current United States force
15 posture in the Indo-Asia-Pacific region to en-
16 sure that the United States maintains an ap-
17 propriate forward presence in the region;

18 (B) invest in critical munitions, undersea
19 warfare capabilities, amphibious capabilities, re-
20 silient space architectures, missile defense, of-
21 fensive and defensive cyber capabilities, and
22 other capabilities conducive to operating effec-
23 tively in contested environments; and

24 (C) enhance regional force readiness
25 through joint training and exercises, consid-

1 ering contingencies ranging from grey zone to
2 high-end near-peer conflict; and
3 (5) the United States should continue to engage
4 in the Indo-Asia-Pacific region by strengthening alli-
5 ances and partnerships, supporting regional institu-
6 tions and bodies such as the Association of South-
7 east Asian Nations (ASEAN), building cooperative
8 security arrangements, addressing shared challenges,
9 and reinforcing the role of international law, includ-
10 ing respect for human rights.

11 **SEC. 1262. REPORT ON STRATEGY TO PRIORITIZE UNITED**
12 **STATES DEFENSE INTERESTS IN THE INDO-**
13 **ASIA-PACIFIC REGION.**

14 (a) **REQUIRED REPORT.**—Not later than February 1,
15 2018, the Secretary of Defense, in consultation with the
16 Secretary of State, shall submit to the congressional de-
17 fense committees, the Committee on Foreign Relations of
18 the Senate, and the Committee on Foreign Affairs of the
19 House of Representatives a report that contains a strategy
20 to prioritize United States defense interests in the Indo-
21 Asia-Pacific region. The strategy shall address the fol-
22 lowing:

23 (1) The security challenges, including threats,
24 emanating from the Indo-Asia-Pacific region.

1 (2) The primary objectives and priorities in the
2 Indo-Asia-Pacific region, including—

3 (A) the military missions necessary to ad-
4 dress threats on the Korean Peninsula;

5 (B) the role of the Department of Defense
6 in the Indo-Asia-Pacific region regarding secu-
7 rity challenges posed by China;

8 (C) the primary objectives and priorities
9 for combating terrorism in the Indo-Asia-Pa-
10 cific region;

11 (3) Department of Defense plans, force posture,
12 capabilities, and resources to address any gaps.

13 (4) The roles of allies, partners, and other
14 countries in achieving United States defense objec-
15 tives and priorities.

16 (5) Actions the Department of Defense could
17 take, in cooperation with other Federal departments
18 or agencies, to advance United States national secu-
19 rity interests in the Indo-Asia-Pacific region.

20 (6) Any other matters the Secretary of Defense
21 determines to be appropriate.

22 (b) FORM.—The report required by subsection (a)
23 shall be submitted in unclassified form, but may contain
24 a classified annex.

1 (c) ANNUAL BUDGET.—The President, acting
2 through the Director of the Office of Management and
3 Budget, shall ensure that the annual budget submitted to
4 Congress under section 1105 of title 31, United States
5 Code, clearly highlights programs and projects that are
6 being funded in the annual budget of the United States
7 Government that relate to the strategy referred to in sub-
8 section (a).

9 (d) REPEAL.—Section 1251 of the Carl Levin and
10 Howard P. “Buck” McKeon National Defense Authoriza-
11 tion Act for Fiscal Year 2015 (Public Law 113–291; 128
12 Stat. 3570) is hereby repealed.

13 **SEC. 1263. ASSESSMENT OF UNITED STATES FORCE POS-**
14 **TURE AND BASING NEEDS IN THE INDO-ASIA-**
15 **PACIFIC REGION.**

16 (a) ASSESSMENT REQUIRED.—

17 (1) IN GENERAL.—The Secretary of Defense
18 shall conduct an assessment of United States force
19 posture and basing needs in the Indo-Asia-Pacific
20 region.

21 (2) ELEMENTS.—The assessment required
22 under paragraph (1) shall include the following:

23 (A) A review of military requirements
24 based on operation and contingency plans, sce-
25 narios, capabilities of potential adversaries, and

1 any assessed gaps or shortfalls of the Armed
2 Forces.

3 (B) A review of current United States mili-
4 tary force posture and deployment plans of the
5 United States Pacific Command.

6 (C) An analysis of potential future realign-
7 ments of United States forces in the region, in-
8 cluding options for strengthening United States
9 presence, access, readiness, training, exercises,
10 logistics, and pre-positioning.

11 (D) A discussion of any factors that may
12 influence the United States posture.

13 (E) Any recommended changes to the
14 United States posture in the region.

15 (F) Any other matters the Secretary of
16 Defense determines to be appropriate.

17 (b) REPORT.—

18 (1) IN GENERAL.—Not later than March 1,
19 2018, the Secretary of Defense shall submit to the
20 congressional defense committees a report that in-
21 cludes the assessment required under subsection (a).

22 (2) FORM.—The report required under para-
23 graph (1) shall be submitted in unclassified form,
24 but may contain a classified annex.

1 **SEC. 1264. EXTENDED DETERRENCE COMMITMENT TO THE**
2 **ASIA-PACIFIC REGION.**

3 (a) FINDINGS.—Congress finds the following:

4 (1) The 2010 Nuclear Posture Review re-
5 affirmed the commitment of the United States to ex-
6 tended deterrence and continued protection of the
7 treaty allies of the United States under the United
8 States nuclear umbrella.

9 (2) The United States-Republic of Korea Deter-
10 rence Strategy Committee and the United States-
11 Japan Extended Deterrence Dialogue provide valu-
12 able communication channels for ensuring the com-
13 mitment of the United States to the policy of ex-
14 tended nuclear deterrence and allow for bilateral dis-
15 cussions on how United States capabilities can be le-
16 veraged to credibly deter, and if necessary, defeat,
17 North Korean nuclear weapons, weapons of mass de-
18 struction, and missile threats and aggression.

19 (3) Statements by officials of the United States
20 have consistently emphasized the United States com-
21 mitment to providing extended deterrence and de-
22 fense across the full spectrum of military capabili-
23 ties, including nuclear capabilities.

24 (4) On September 9, 2016, President Obama
25 responded to a North Korean nuclear test by issuing
26 the following statement, “I restated to President

1 Park and Prime Minister Abe the unshakable U.S.
2 commitment to take necessary steps to defend our
3 allies in the region, including through our deploy-
4 ment of a Terminal High Altitude Area Defense
5 (THAAD) battery to the ROK, and the commitment
6 to extended deterrence, guaranteed by the full spec-
7 trum of U.S. defense capabilities.”.

8 (5) On October 14, 2016, Chairman of the
9 Joint Chiefs of Staff, General Joseph Dunford, “re-
10 affirmed the ironclad commitment of the U.S. to de-
11 fend both the ROK and Japan and provide extended
12 deterrence guaranteed by the full spectrum of U.S.
13 military capabilities, including conventional, nuclear,
14 and missile defense capabilities”.

15 (6) On October 19, 2016, Secretary of Defense
16 Ashton Carter, stated, “the U.S. commitment to the
17 defense of South Korea is unwavering. This includes
18 our commitment to provide extended deterrence,
19 guaranteed by the full spectrum of U.S. defense ca-
20 pabilities. Make no mistake: Any attack on America
21 or our allies will not only be defeated, but any use
22 of nuclear weapons will be met with an over-
23 whelming and effective response.”.

24 (7) On October 19, 2016, Secretary of State
25 John Kerry, during a joint press conference with the

1 South Korean Foreign Minister, confirmed the
2 United States would “defend South Korea through
3 a robust combined defense posture and through ex-
4 tended deterrence, including the US nuclear um-
5 brella, conventional strike and missile defense capa-
6 bilities.”.

7 (8) On February 3, 2017, Secretary of Defense
8 James Mattis, during a visit to South Korea, stated,
9 “America’s commitments to defending our allies and
10 to upholding our extended deterrence guarantees re-
11 main ironclad: Any attack on the United States, or
12 our allies, will be defeated, and any use of nuclear
13 weapons would be met with a response that would
14 be effective and overwhelming.”.

15 (b) SENSE OF CONGRESS.—It is the sense of Con-
16 gress that—

17 (1) the defense of the Republic of Korea and
18 Japan must remain a top priority for the adminis-
19 tration;

20 (2) the United States maintains an unwavering
21 and steadfast commitment to the policy of extended
22 deterrence, especially with respect to South Korea
23 and Japan;

24 (3) bilateral extended deterrence dialogues and
25 discussions with South Korea and Japan are of

1 great value to the United States and its partners
2 and must remain a central component of these rela-
3 tionships;

4 (4) the United States must sustain and mod-
5 ernize current United States nuclear capabilities to
6 ensure the extended deterrence commitments of the
7 United States remain credible and executable; and

8 (5) the timely development, production, and de-
9 ployment of modern nuclear-capable aircraft are fun-
10 damental to ensure that the United States remains
11 able to meet extended deterrence requirements in the
12 Asia-Pacific region far into the future.

13 (c) **RULE OF CONSTRUCTION.**—Nothing in this sec-
14 tion may be construed to alter the shared goal of the
15 United States, South Korea, and Japan for a
16 denuclearized Korean Peninsula or to change the United
17 States nuclear posture in the Asia-Pacific region.

18 **SEC. 1265. AUTHORIZATION OF APPROPRIATIONS TO MEET**
19 **UNITED STATES FINANCIAL OBLIGATIONS**
20 **UNDER COMPACT OF FREE ASSOCIATION**
21 **WITH PALAU.**

22 There is authorized to be appropriated for fiscal year
23 2018 \$123,900,000 to the Secretary of the Interior, to
24 remain available until expended, for use in meeting the
25 financial obligations of the Government of the United

1 States under the Agreement between the Government of
2 the United States of America and the Government of the
3 Republic of Palau under section 432 of the Compact of
4 Free Association with Palau (48 U.S.C. 1931 note; Public
5 Law 99–658).

6 **SEC. 1266. SENSE OF CONGRESS REAFFIRMING SECURITY**
7 **COMMITMENTS TO THE GOVERNMENTS OF**
8 **JAPAN AND SOUTH KOREA AND TRILATERAL**
9 **COOPERATION BETWEEN THE UNITED**
10 **STATES, JAPAN, AND SOUTH KOREA.**

11 It is the sense of Congress that—

12 (1) the United States values its alliances with
13 the Governments of Japan and the Republic of
14 Korea, based on shared values of democracy, the
15 rule of law, free and open markets, and respect for
16 human rights;

17 (2) the United States reaffirms its commitment
18 to these alliances with Japan and South Korea,
19 which are critical for the preservation of peace and
20 stability in the Asia-Pacific region and throughout
21 the world;

22 (3) the United States recognizes the substantial
23 financial commitments of Japan and South Korea to
24 the maintenance of United States forces in these

1 countries, making them among the most significant
2 burden-sharing partners of the United States;

3 (4) the United States reaffirms its commitment
4 to Article V of the Treaty of Mutual Cooperation
5 and Security between the United States of America
6 and Japan, which applies to the Japanese-adminis-
7 tered Senkaku Islands;

8 (5) the United States supports continued imple-
9 mentation and expansion of defense cooperation with
10 Japan in accordance with the 2015 U.S.-Japan De-
11 fense Guidelines and additional measures to
12 strengthen this defense cooperation, including by ex-
13 panding foreign military sales, establishing new co-
14 operative technology development programs, increas-
15 ing military exercises, or other actions as appro-
16 priate;

17 (6) the United States and South Korea share
18 deep concerns that the nuclear and ballistic missile
19 programs of North Korea and its repeated provo-
20 cations pose great threats to peace and stability on
21 the Korean Peninsula, and the United States recog-
22 nizes that South Korea has made important commit-
23 ments to the bilateral security alliance, including by
24 hosting a Terminal High Altitude Area Defense
25 (THAAD) system;

1 (7) the United States and South Korea should
2 continue further defense cooperation, by enhancing
3 mutual security based on the Mutual Defense Treaty
4 between the United States and the Republic of
5 Korea and investing in capabilities critical to the
6 combined defense;

7 (8) the United States welcomes greater security
8 cooperation with, and among, Japan and South
9 Korea to promote mutual interests and address
10 shared concerns, including the bilateral military in-
11 telligence-sharing pact between Japan and South
12 Korea, signed on November 23, 2016, and the tri-
13 lateral intelligence sharing agreement between the
14 United States, Japan, and South Korea, signed on
15 December 29, 2015; and

16 (9) recognizing that North Korea poses a threat
17 to the United States, Japan, and South Korea, and
18 that the security of the three countries is inter-
19 twined, the United States welcomes and encourages
20 deeper trilateral defense cooperation, including
21 through expanded exercises, training, and informa-
22 tion sharing that strengthens integration.

23 **SEC. 1267. SENSE OF CONGRESS ON FREEDOM OF NAVIGA-**
24 **TION OPERATIONS IN THE SOUTH CHINA SEA.**

25 It is the sense of Congress that—

1 (1) the United States has a national interest in
2 maintaining freedom of navigation, respect for inter-
3 national law, and unimpeded lawful commerce in the
4 South China Sea;

5 (2) the United States should condemn any as-
6 sertion that limits the right to freedom of navigation
7 and overflight; and

8 (3) the United States should keep to a regular
9 and routine schedule for freedom of navigation oper-
10 ations in the sea and air.

11 **SEC. 1268. SENSE OF CONGRESS ON STRENGTHENING THE**
12 **DEFENSE OF TAIWAN.**

13 It is the sense of Congress that—

14 (1) the Taiwan Relations Act (Public Law 96–
15 8; 22 U.S.C. 3301 et seq.) codified the basis for
16 commercial, cultural, and other relations between
17 the United States and Taiwan, and the Six Assur-
18 ances are an important aspect in guiding bilateral
19 relations;

20 (2) Section 3(a) of that Act states that “the
21 United States will make available to Taiwan such
22 defense articles and defense services in such quan-
23 tity as may be necessary to enable Taiwan to main-
24 tain a sufficient self-defense capability”;

1 (3) the United States, in accordance with such
2 section, should make available and provide timely re-
3 view of requests for defense articles and defense
4 services that may be necessary for Taiwan to main-
5 tain a sufficient self-defense capability;

6 (4) Taiwan should significantly increase its de-
7 fense budget to maintain a sufficient self-defense ca-
8 pability;

9 (5) the United States should support expanded
10 exchanges focused on practical training for Taiwan
11 personnel by and with United States military units,
12 including exchanges between services, to empower
13 senior military officers to identify and develop asym-
14 metric and innovative capabilities that strengthen
15 Taiwan's ability to deter aggression;

16 (6) the United States should seek opportunities
17 for expanded training and exercises with Taiwan;

18 (7) the United States should encourage Tai-
19 wan's continued investments in asymmetric self-de-
20 fense capabilities that are mobile, survivable against
21 threatening forces, and able to take full advantage
22 of Taiwan's geography; and

23 (8) the United States should continue to—

24 (A) support humanitarian assistance and
25 disaster relief exercises that increase Taiwan's

1 resiliency and ability to respond to and recover
2 from natural disasters; and

3 (B) recognize Taiwan’s already valuable
4 military contributions to such efforts.

5 **SEC. 1269. SENSE OF CONGRESS ON THE ASSOCIATION OF**
6 **SOUTHEAST ASIAN NATIONS.**

7 (a) FINDING.—Congress finds that 2017 is the 50th
8 anniversary of the formation of the Association of South-
9 east Asian Nations (ASEAN), which includes Indonesia,
10 Malaysia, the Philippines, Singapore, Thailand, Brunei,
11 Vietnam, Laos, Burma, and Cambodia.

12 (b) SENSE OF CONGRESS.—It is the sense of Con-
13 gress that—

14 (1) the United States supports the development
15 of regional institutions and bodies, including the
16 ASEAN Regional Forum, the ASEAN Defense Min-
17 isters Meeting Plus, the East Asia Summit, and the
18 expanded ASEAN Maritime Forum, to increase re-
19 gional cooperation and ensure that disputes are
20 managed without intimidation, coercion, or force;

21 (2) the United States recognizes ASEAN ef-
22 forts to promote peace, stability, and prosperity in
23 the region, including the steps taken to highlight the
24 importance of peaceful dispute resolution and the

1 need for adherence to international rules and stand-
2 ards.

3 (3) United States defense engagement with
4 ASEAN and the ASEAN Defense Ministers Meeting
5 Plus should continue to be forums to discuss shared
6 challenges in the maritime domain and the need for
7 greater information sharing among ASEAN nations;
8 and

9 (4) the United States welcomes continued work
10 with ASEAN and other regional partners to estab-
11 lish more reliable and routine crisis communication
12 mechanisms.

13 **SEC. 1270. SENSE OF CONGRESS ON REAFFIRMING THE IM-**
14 **PORTANCE OF THE UNITED STATES-AUS-**
15 **TRALIA DEFENSE ALLIANCE.**

16 It is the sense of Congress that—

17 (1) the United States values its alliance with
18 the Government of Australia, and the shared values
19 and interests between both countries are essential to
20 promoting peace, security, stability, and economic
21 prosperity in the Indo-Asia-Pacific region;

22 (2) the annual rotations of United States Ma-
23 rine Corps forces to Darwin, Australia and enhanced
24 rotations of United States Air Force aircraft to Aus-

1 tralia pave the way for even closer defense and secu-
2 rity cooperation;

3 (3) the Treaty Between the Government of the
4 United States of America and the Government of
5 Australia Concerning Defense Trade Cooperation,
6 done at Sydney, September 5, 2007, should continue
7 to facilitate industry collaboration and innovation to
8 meet shared security challenges and reinforce mili-
9 tary ties;

10 (4) as described by Australian Prime Minister
11 Malcolm Turnbull, North Korea is “a threat to the
12 peace of the region” and the United States and Aus-
13 tralia should continue to cooperate to defend against
14 the threat of North Korea’s nuclear and missile ca-
15 pabilities; and

16 (5) the United States and Australia also should
17 continue to address the threat of terrorism and
18 strengthen information sharing.

19 **SEC. 1270A. RESTRICTION ON FUNDING FOR THE PRE-**
20 **PARATORY COMMISSION FOR THE COM-**
21 **PREHENSIVE NUCLEAR-TEST-BAN TREATY**
22 **ORGANIZATION.**

23 (a) STATEMENT OF POLICY.—Congress declares that
24 United Nations Security Council Resolution 2310 (Sep-
25 tember 23, 2016) does not obligate the United States nor

1 does it impose an obligation on the United States to re-
2 frain from actions that would run counter to the object
3 and purpose of the Comprehensive Nuclear-Test-Ban
4 Treaty.

5 (b) RESTRICTION ON FUNDING.—

6 (1) IN GENERAL.—No United States funds may
7 be made available to the Preparatory Commission
8 for the Comprehensive Nuclear-Test-Ban Treaty Or-
9 ganization.

10 (2) EXCEPTION.—The restriction under para-
11 graph (1) shall not apply with respect to the avail-
12 ability of United States funds for the Comprehensive
13 Nuclear-Test-Ban Treaty Organization’s Inter-
14 national Monitoring System.

15 **SEC. 1270B. SENSE OF CONGRESS ON NORTH KOREA.**

16 (a) FINDINGS.—Congress finds the following:

17 (1) The Democratic People’s Republic of Korea,
18 also known as North Korea, continues to develop a
19 ballistic and nuclear weapons development program
20 that poses a grave threat to the United States,
21 United States allies the Republic of Korea, Japan,
22 and Australia, and to regional and global security.

23 (2) North Korea continues to escalate the pace
24 and number of its ballistic missile launches, and to
25 date has conducted five nuclear tests.

1 (3) On July 4, 2017, North Korea conducted
2 the first test of an intercontinental ballistic missile
3 (ICBM) it claims is capable of reaching United
4 States territory, which, if reliable and effective, con-
5 stitutes a new threat to America’s security.

6 (4) On June 3, 2017, Secretary of Defense
7 James Mattis stated, during remarks at the
8 Shangri-La Dialogue, that “the current North Korea
9 program signals a clear intent to acquire nuclear
10 armed ballistic missiles, including those of inter-
11 continental range that pose direct and immediate
12 threats to our allies, our partners and all the world”.

13 (5) On April 27, 2017, Admiral Harry Harris,
14 Jr., Commander of the United States Pacific Com-
15 mand, testified that “North Korea continues to dis-
16 regard United Nations sanctions by developing, and
17 threatening to use intercontinental ballistic missiles
18 and nuclear weapons that will threaten the U.S.
19 Homeland.”.

20 (b) SENSE OF CONGRESS.—It is the sense of Con-
21 gress that—

22 (1) the United States should act to counter
23 North Korea’s continued development and testing of
24 nuclear weapons and intercontinental ballistic mis-
25 siles;

1 (2) the development of a functional and oper-
2 ational North Korean nuclear and intercontinental
3 ballistic missile program constitutes a threat to the
4 security of the United States and to our allies and
5 partners in the region;

6 (3) the defense of the United States and our al-
7 lies against North Korean aggression remains a top
8 priority, and the United States maintains an unwav-
9 ering and steadfast commitment to the policy of ex-
10 tended deterrence, especially with respect to South
11 Korea and Japan;

12 (4) the United States supports the deployment
13 of the Terminal High Altitude Area Defense
14 (THAAD) system in South Korea to counter North
15 Korea's missile threat and the deployment of bal-
16 listic missile defense systems to allies in the Indo-
17 Asia-Pacific region to protect from the growing
18 threat of North Korea's nuclear weapons and bal-
19 listic missile programs;

20 (5) the United States should encourage further
21 multilateral security cooperation and dialogue among
22 South Korea, Japan, and Australia to address the
23 North Korea threat;

24 (6) the United States calls upon the People's
25 Republic of China to use its leverage to pressure

1 North Korea to cease its provocative behavior and
2 abandon and dismantle its nuclear and ballistic mis-
3 sile programs, and comply with all relevant United
4 Nations Security Council resolutions;

5 (7) the United States should fully enforce all
6 existing sanctions on North Korea and undertake a
7 comprehensive diplomatic effort to urge allies and
8 other countries to fully enforce, and build upon, ex-
9 isting international sanctions; and

10 (8) the United States should retain diplomatic,
11 economic, and military options to defend against and
12 pressure North Korea to abandon its illicit weapons
13 program.

14 **SEC. 1270C. STRATEGY TO FURTHER UNITED STATES-INDIA**
15 **DEFENSE COOPERATION.**

16 (a) IN GENERAL.—Not later than 180 days after the
17 date of the enactment of this Act, the Secretary of De-
18 fense, in consultation with the Secretary of State, shall
19 develop a strategy for advancing defense cooperation be-
20 tween the United States and India.

21 (b) ELEMENTS.—The strategy shall address the fol-
22 lowing:

23 (1) Common security challenges.

24 (2) The role of United States partners and al-
25 lies in the United States-India defense relationship.

1 (3) The role of the Defense Technology and
2 Trade Initiative.

3 (4) How to advance the Communications Inter-
4 operability and Security Memorandum of Agreement
5 and the Basic Exchange and Cooperation Agreement
6 for Geospatial Cooperation.

7 (5) Any other matters the Secretary of Defense
8 or the Secretary of State determines to be appro-
9 priate.

10 **SEC. 1270D. PLAN TO ENHANCE THE EXTENDED DETER-**
11 **RENCE AND ASSURANCE CAPABILITIES OF**
12 **THE UNITED STATES IN THE ASIA-PACIFIC**
13 **REGION.**

14 (a) FINDING.—Congress recognizes that North Ko-
15 rea’s first successful test of an intercontinental ballistic
16 missile (ICBM) constitutes a grave and imminent threat
17 to United States security and to the security of United
18 States allies and partners in the Asia-Pacific region.

19 (b) PLAN.—Not later than 30 days after the date of
20 the enactment of this Act, the Secretary of Defense, in
21 consultation with the Commander of the United States
22 Pacific Command and the Commander of the United
23 States Strategic Command, shall submit to the congres-
24 sional defense committees a plan to enhance the extended

1 deterrence and assurance capabilities of the United States
2 in the Asia-Pacific region.

3 (c) MATTERS TO BE INCLUDED.—Such plan shall in-
4 clude consideration of actions that will enhance United
5 States security by strengthening deterrence of North Ko-
6 rean aggression and providing increased assurance to
7 United States allies in the Asia-Pacific region, including
8 the following:

9 (1) Increased visible presence of key United
10 States military assets, such as missile defenses, long-
11 range strike assets, and intermediate-range strike
12 assets to the region.

13 (2) Increased military cooperation, exercises,
14 and integration of defenses with allies in the region.

15 (3) Development and deployment of ground-
16 based intermediate-range missiles, whether by allies
17 or by the United States, if the United States were
18 no longer bound by the limitations of the INF Trea-
19 ty.

20 (4) Increased foreign military sales to allies in
21 the region.

22 (5) Planning for, exercising, or deploying dual-
23 capable aircraft to the region.

24 (6) Any necessary modifications to the United
25 States nuclear force posture, including re-deploy-

1 ment of submarine-launched nuclear cruise missiles
2 to the region.

3 (7) Such other actions the Secretary considers
4 appropriate to strengthen extended deterrence and
5 assurance in the region.

6 (d) FORM.—Such plan shall be submitted in unclassi-
7 fied form, but may contain a classified annex.

8 (e) INF TREATY DEFINED.—In this section, the
9 term “INF Treaty” means the Treaty between the United
10 States of America and the Union of Soviet Socialist Re-
11 publics on the Elimination of Their Intermediate-Range
12 and Shorter-Range Missiles, signed at Washington De-
13 cember 8, 1987, and entered into force June 1, 1988.

14 **SEC. 1270E. REPORT ON NAVAL PORT OF CALL EXCHANGES**
15 **BETWEEN THE UNITED STATES AND TAIWAN.**

16 (a) REPORT REQUIRED.—Not later than September
17 1, 2018, the Secretary of Defense shall submit to the ap-
18 propriate committees of Congress a report on the fol-
19 lowing:

20 (1) An assessment of the feasibility and advis-
21 ability regarding ports of call by the United States
22 Navy at ports on the island of Taiwan.

23 (2) An assessment of the feasibility and advis-
24 ability of the United States to receiving ports of call

1 by the Republic of China navy in Hawaii, Guam,
2 and other appropriate locations.

3 (b) FORM.—The report required by subsection (a)
4 shall be submitted in unclassified form, but may include
5 a classified annex.

6 (c) APPROPRIATE COMMITTEES OF CONGRESS DE-
7 FINED.—In this section, the term “appropriate commit-
8 tees of Congress” means—

9 (1) the Committee on Armed Services and the
10 Committee on Foreign Relations of the Senate; and

11 (2) the Committee on Armed Services and the
12 Committee on Foreign Affairs of the House of Rep-
13 resentatives.

14 **SEC. 1270F. ASSESSMENT ON UNITED STATES DEFENSE IM-**
15 **PLICATIONS OF CHINA’S EXPANDING GLOBAL**
16 **ACCESS.**

17 (a) ASSESSMENT.—

18 (1) IN GENERAL.—The Secretary of Defense, in
19 consultation with the Secretary of State, shall assess
20 the foreign military and non-military activities of the
21 People’s Republic of China which could affect the re-
22 gional and global national security and defense in-
23 terests of the United States.

24 (2) ELEMENTS.—The assessment required by
25 paragraph (1) shall evaluate the following:

1 (A) China’s use of military and non-mili-
2 tary means in the Indo-Asia-Pacific region and
3 globally, including tourism, media, influence
4 campaigns, investment projects, infrastructure,
5 and access to foreign ports and military bases,
6 and whether such means could affect United
7 States national security or defense interests, in-
8 cluding operational access.

9 (B) The implications, if any, of such
10 means for the military force posture, access,
11 training, and logistics of both the United States
12 and China.

13 (C) The United States strategy and policy
14 for mitigating any harmful effects resulting
15 from such means.

16 (D) The resources required to implement
17 such strategy and policy, and the mitigation
18 plan to address any gaps in capabilities or re-
19 sources necessary for such implementation.

20 (E) Measures to bolster the roles of allies,
21 partners, and other countries to implement such
22 strategy and policy.

23 (F) Any other matters the Secretary of
24 Defense or the Secretary of State determines to
25 be appropriate.

1 (3) REPORT REQUIRED.—

2 (A) IN GENERAL.—Not later than 120
3 days after the date of the enactment of this
4 Act, the Secretary of Defense, in coordination
5 with the Secretary of State, shall submit to the
6 congressional defense committees, the Com-
7 mittee on Foreign Relations of the Senate, and
8 the Committee on Foreign Affairs of the House
9 of Representatives a report on the assessment
10 required under subsection (b).

11 (B) FORM.—The report required by this
12 paragraph may be submitted unclassified or
13 classified form.

14 **SEC. 1270G. NORMALIZING THE TRANSFER OF DEFENSE AR-**
15 **TICLES AND DEFENSE SERVICES TO TAIWAN.**

16 (a) SENSE OF CONGRESS.—It is the sense of Con-
17 gress that any requests from the Government of Taiwan
18 for defense articles and defense services should receive a
19 case-by-case review by the Secretary of Defense, in con-
20 sultation with the Secretary of State, that is consistent
21 with the standard processes and procedures in an effort
22 to normalize the arms sales process with Taiwan.

23 (b) REPORT.—

24 (1) IN GENERAL.—Not later than 120 days
25 after the date on which the Secretary of Defense re-

1 ceives a Letter of Request from Taiwan with respect
2 to the transfer of a defense article or defense service
3 to Taiwan, the Secretary, in consultation with the
4 Secretary of State, shall submit to the appropriate
5 congressional committees a report that includes—

6 (A) the status of such request;

7 (B) if the transfer of such article or service
8 would require a certification or report to Con-
9 gress pursuant to any applicable provision of
10 section 36 of the Arms Export Control Act (22
11 U.S.C. 2776), the status of any Letter of Offer
12 and Acceptance the Secretary of Defense in-
13 tends to issue with respect to such request; and

14 (C) an assessment of whether the transfer
15 of such article or service would be consistent
16 with United States obligations under the Tai-
17 wan Relations Act (Public Law 96–8; 22 U.S.C.
18 3301 et seq.).

19 (2) ELEMENTS.—Each report required under
20 paragraph (1) shall specify the following:

21 (A) The date the Secretary of Defense re-
22 ceived the Letter of Request.

23 (B) The value of the sale proposed by such
24 Letter of Request.

1 (C) A description of the defense article or
2 defense service proposed to be transferred.

3 (D) The view of the Secretary of Defense
4 with respect to such proposed sale and whether
5 such sale would be consistent with defense
6 plans.

7 (3) FORM.—Each report required under para-
8 graph (1) shall be submitted in unclassified form but
9 may contain a classified annex.

10 (c) BRIEFING.—Not later than 180 days after the
11 date of the enactment of this Act, and every 180 days
12 thereafter, the Secretary of Defense, in coordination with
13 the Secretary of State, shall provide a briefing to the ap-
14 propriate congressional committees with respect to the se-
15 curity challenges faced by Taiwan and the military co-
16 operation between the United States and Taiwan, includ-
17 ing a description of any requests from Taiwan for the
18 transfer of defense articles or defense services and the sta-
19 tus, whether signed or unsigned, of any Letters of Offer
20 and Acceptance with respect to such requests.

21 (d) DEFINITIONS.—In this section:

22 (1) APPROPRIATE CONGRESSIONAL COMMIT-
23 TEES.—The term “appropriate congressional com-
24 mittees” means—

1 (A) the Committee on Armed Services and
2 the Committee on Foreign Affairs of the House
3 of Representatives; and

4 (B) the Committee on Armed Services and
5 the Committee on Foreign Relations of the Sen-
6 ate.

7 (2) DEFENSE ARTICLE; DEFENSE SERVICE.—
8 The terms “defense article” and “defense service”
9 have the meanings given such terms in section 47 of
10 the Arms Export Control Act (22 U.S.C. 2794).

11 (3) LETTER OF REQUEST; LETTER OF OFFER
12 AND ACCEPTANCE.—The terms “Letter of Request”
13 and “Letter of Offer and Acceptance” have the
14 meanings given such terms for purposes of Chapter
15 5 of the Security Assistance Management Manual of
16 the Defense Security Cooperation Agency, as in ef-
17 fect on the date of the enactment of this Act.

18 **Subtitle H—Other Matters**

19 **SEC. 1271. NATO COOPERATIVE CYBER DEFENSE CENTER** 20 **OF EXCELLENCE.**

21 (a) AUTHORIZATION.—Of the amounts authorized to
22 be appropriated by this Act for fiscal year 2018 for sup-
23 port of North Atlantic Treaty Organization (in this section
24 referred to as “NATO”) operations, as specified in the
25 funding tables in division D, not more than \$5,000,000

1 may be obligated or expended for the purposes described
2 in subsection (b).

3 (b) PURPOSES.—The Secretary of Defense shall pro-
4 vide funds for the NATO Cooperative Cyber Defense Cen-
5 ter of Excellence (in this section referred to as the “Cen-
6 ter”) to—

7 (1) enhance the capability, cooperation, and in-
8 formation sharing among NATO, NATO member
9 nations, and partners, with respect to cyber defense
10 and warfare; and

11 (2) facilitate education, research and develop-
12 ment, lessons learned and consultation in cyber de-
13 fense and warfare.

14 (c) CERTIFICATION.—Not later than 180 days after
15 the date of the enactment of this Act, the Secretary of
16 Defense shall certify to the Committees on Armed Services
17 of the House of Representatives and the Senate that the
18 Secretary has assigned executive agent responsibility for
19 the Center to an appropriate organization within the De-
20 partment of Defense, and detail the steps being under-
21 taken to strengthen the role of the Center in fostering
22 cyber defense and warfare capabilities within NATO.

23 (d) BRIEFING REQUIREMENT.—The Secretary of De-
24 fense shall periodically brief the Committees on Armed
25 Services of the House of Representatives and the Senate

1 on the efforts of the Department of Defense to strengthen
2 the role of the Center in fostering cyber defense and war-
3 fare capabilities within NATO.

4 **SEC. 1272. NATO STRATEGIC COMMUNICATIONS CENTER**
5 **OF EXCELLENCE.**

6 (a) **AUTHORIZATION.**—Of the amounts authorized to
7 be appropriated by this Act for fiscal year 2018 for sup-
8 port of North Atlantic Treaty Organization (in this section
9 referred to as “NATO”) operations, as specified in the
10 funding tables in division D, not more than \$5,000,000
11 may be obligated or expended for the purposes described
12 in subsection (b).

13 (b) **PURPOSES.**—The Secretary of Defense shall pro-
14 vide funds for the NATO Strategic Communications Cen-
15 ter of Excellence (in this section referred to as the “Cen-
16 ter”) to—

17 (1) enhance the capability, cooperation, and in-
18 formation sharing among NATO, NATO member
19 nations, and partners, with respect to strategic com-
20 munications and information operations; and

21 (2) facilitate education, research and develop-
22 ment, lessons learned, and consultation in strategic
23 communications and information operations.

24 (c) **CERTIFICATION.**—Not later than 180 days after
25 the date of the enactment of this Act, the Secretary of

1 Defense shall certify to the Committees on Armed Services
2 of the House of Representatives and the Senate that the
3 Secretary has assigned executive agent responsibility for
4 the Center to an appropriate organization within the De-
5 partment of Defense, and detail the steps being under-
6 taken to strengthen the role of Center in fostering stra-
7 tegic communications and information operations within
8 NATO.

9 (d) BRIEFING REQUIREMENT.—

10 (1) IN GENERAL.—The Secretary of Defense
11 shall periodically brief the committees listed in para-
12 graph (2) on the efforts of the Department of De-
13 fense to strengthen the role of the Center in fos-
14 tering strategic communications and information op-
15 erations within NATO.

16 (2) COMMITTEES.—The committees listed in
17 this paragraph are the following:

18 (A) The Committee on Armed Services and
19 the Committee on Foreign Affairs of the House
20 of Representatives.

21 (B) The Committee on Armed Services and
22 the Committee on Foreign Relations of the Sen-
23 ate.

1 **SEC. 1273. SECURITY AND STABILITY STRATEGY FOR SOMA-**
2 **LIA.**

3 (a) IN GENERAL.—Not later than 120 days after the
4 date of the enactment of this Act, the President shall sub-
5 mit to the appropriate congressional committees a report
6 that contains a comprehensive United States strategy to
7 achieve long-term security and stability in Somalia and in-
8 cludes each of the following elements:

9 (1) A description of United States strategic ob-
10 jectives in Somalia and the benchmarks for assessing
11 progress toward such objectives.

12 (2) An assessment of the threats posed to So-
13 malia, the broader region, the United States, and
14 partners of the United States, by al-Shabaab and or-
15 ganizations affiliated with the Islamic State of Iraq
16 and the Levant in Somalia, including the origins,
17 strategic aims, tactical methods, funding sources,
18 and leadership of each organization.

19 (3) A description of the key international and
20 United States governance, diplomatic, development,
21 military, and intelligence resources available to ad-
22 dress instability in Somalia.

23 (4) A plan to improve coordination among, and
24 effectiveness of, United States governance, diplo-
25 matic, development, military, and intelligence re-
26 sources to counter the threat of al-Shabaab and or-

1 organizations affiliated with the Islamic State of Iraq
2 and the Levant in Somalia.

3 (5) A description of the role the United States
4 is playing or will play to address political instability
5 and support long-term security and stability in So-
6 malia.

7 (6) A description of the contributions made by
8 the African Union Mission in Somalia (in this sec-
9 tion referred to as “AMISOM”) to security in Soma-
10 lia and an assessment of the anticipated duration of
11 support provided to AMISOM by troop contributing
12 countries.

13 (7) A plan to train the Somali National Army
14 and other Somali security forces, that also in-
15 cludes—

16 (A) a description of the assistance provided
17 by other countries for such training; and

18 (B) a description of the efforts to integrate
19 regional militias into the uniformed Somali se-
20 curity forces; and

21 (C) a description of the security assistance
22 authorities under which any such training
23 would be provided by the United States and the
24 recommendations of the Secretary to address
25 any gaps under such authorities to advise, as-

1 sist, or accompany the Somali National Army
2 or other Somali security forces within appro-
3 priate roles and responsibilities that are not ful-
4 filled by other countries or by international or-
5 ganizations.

6 (8) A description of the steps the United
7 States, AMISOM, and any forces trained by the
8 United States are taking in Somalia to minimize ci-
9 vilian casualties and other harm to civilians.

10 (9) Any other matters the President considers
11 appropriate.

12 (b) FORM.—The report required under subsection (a)
13 shall be submitted in unclassified form but may include
14 a classified annex.

15 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
16 FINED.—In this section, the term “appropriate congres-
17 sional committees” means—

18 (1) the Committee on Armed Services, the
19 Committee on Foreign Affairs, the Committee on
20 Appropriations, and the Permanent Select Com-
21 mittee on Intelligence of the House of Representa-
22 tives; and

23 (2) the Committee on Armed Services, the
24 Committee on Foreign Relations, the Committee on

1 Appropriations, and the Select Committee on Intel-
2 ligence of the Senate.

3 **SEC. 1274. ASSESSMENT OF GLOBAL THEATER SECURITY**
4 **COOPERATION MANAGEMENT INFORMATION**
5 **SYSTEM.**

6 (a) REPORT.—Not later than 6 months after the date
7 of the enactment of this Act, the Secretary of Defense
8 shall submit to the congressional defense committees a re-
9 port setting forth an assessment, obtained by the Sec-
10 retary for purposes of the report, of the effectiveness of
11 measures taken to improve the functionality of the Global
12 Theater Security Cooperation Management Information
13 System (in this section referred to as the “G-TSCMIS”).

14 (b) INDEPENDENT ASSESSMENT.—

15 (1) IN GENERAL.—The assessment obtained for
16 purposes of subsection (a) shall be conducted by a
17 federally funded research and development center
18 (FFRDC), or another appropriate independent enti-
19 ty with expertise in security cooperation programs
20 and activities of the Department of Defense, selected
21 by the Secretary for purposes of the assessment.

22 (2) USE OF PREVIOUS STUDIES.—The entity
23 conducting the assessment may use and incorporate
24 information from previous studies on matters appro-
25 priate to the assessment.

1 (c) ELEMENTS.—The assessment obtained for pur-
2 poses of subsection (a) shall include the following:

3 (1) An assessment of the extent to which secu-
4 rity cooperation organizations are entering con-
5 sistent, full, and accurate information into G-
6 TSCMIS in a timely manner, and the impacts of in-
7 consistent, incomplete, inaccurate, and tardy data
8 entry on the functionality of the G-TSCMIS as a
9 tool for security cooperation planning, resource allo-
10 cation, and program adjustment.

11 (2) An assessment of any measures taken by
12 the Department of Defense to ensure the full scope
13 of security cooperation activities are entered into the
14 G-TSCMIS in a timely manner, including any guid-
15 ance issued or resource allocation determinations.

16 (3) An assessment of the effectiveness of over-
17 sight measures to ensure the full scope of security
18 cooperation activities are entered into the G-
19 TSCMIS in a timely manner.

20 (4) An assessment of utilization by and
21 functionality for users of the G-TSCMIS across the
22 Department of Defense, including the extent of G-
23 TSCMIS business process reengineering that was
24 conducted to best align needs from the functional

1 community with the capabilities of the information
2 management tool.

3 (5) Such other matters as the Secretary con-
4 siders appropriate.

5 (d) FORM.—The report required under subsection (a)
6 shall be submitted in unclassified form, but may include
7 a classified annex.

8 **SEC. 1275. FUTURE YEARS PLAN FOR THE EUROPEAN DE-**
9 **TERRENCE INITIATIVE.**

10 (a) PLAN REQUIRED.—

11 (1) IN GENERAL.—Not later than 120 days
12 after the date of the enactment of this Act, the Sec-
13 retary of Defense, in consultation with the Com-
14 mander of the United States European Command,
15 shall submit to the congressional defense committees
16 a future years plan on activities and resources of the
17 European Deterrence Initiative (in this section re-
18 ferred to as the “EDI”).

19 (2) APPLICABILITY.—The plan shall apply with
20 respect fiscal year 2018 and at least the four suc-
21 ceeding fiscal years.

22 (b) MATTERS TO BE INCLUDED.—The plan required
23 under subsection (a) shall include the following:

24 (1) A description of the objectives of the EDI.

1 (2) An assessment of resource requirements to
2 achieve the objectives of the EDI.

3 (3) An assessment of capabilities requirements
4 to achieve the objectives of the EDI.

5 (4) An assessment of logistics requirements, in-
6 cluding force enablers, equipment, supplies, storage,
7 and maintenance requirements, to achieve the objec-
8 tives of the EDI.

9 (5) An identification and assessment of re-
10 quired infrastructure investments to achieve the ob-
11 jectives of the EDI, including potential infrastruc-
12 ture investments by host nations and new construc-
13 tion or modernization of existing sites that would be
14 funded by the United States.

15 (6) An assessment of security cooperation in-
16 vestments required to achieve the objectives of the
17 EDI.

18 (7) A plan to fully resource United States force
19 posture and capabilities, including—

20 (A) details regarding the strategy to bal-
21 ance the force structure of the United States
22 forces to source additional permanently sta-
23 tioned United States forces in Europe as a part
24 of any planned growth in end strength and
25 force posture;

1 (B) the infrastructure capacity of existing
2 locations and their ability to accommodate addi-
3 tional permanently stationed United States
4 forces in Europe;

5 (C) the potential new locations for addi-
6 tional permanently stationed United States
7 forces in Europe, including an assessment of in-
8 frastructure and military construction resources
9 necessary to accommodate additional United
10 States forces in Europe;

11 (D) a detailed timeline to achieve desired
12 permanent posture requirements;

13 (E) a reevaluation of sites identified for di-
14 vestiture but not yet divested under the Euro-
15 pean Infrastructure Consolidation initiative, ac-
16 counting for updated military requirements; and

17 (F) any changes and associated costs in-
18 curred with retaining each site identified for di-
19 vestiture but not yet divested under the Euro-
20 pean Infrastructure Consolidation initiative, in-
21 cluding possible leasing agreements,
22 sustainment, and maintenance.

23 (c) FORM.—The plan required under subsection (a)
24 shall be submitted in unclassified form, but may include
25 a classified annex.

1 (d) LIMITATIONS.—

2 (1) GENERAL LIMITATION.—The Secretary of
3 Defense may not take any action to divest any site
4 identified for divestiture but not yet divested under
5 the European Infrastructure Consolidation initiative
6 until the Secretary submits to the congressional de-
7 fense committees the plan required under subsection
8 (a).

9 (2) SITE-SPECIFIC LIMITATION.—In the case of
10 a proposed divestiture of a site under the European
11 Infrastructure Consolidation initiative, the Secretary
12 of Defense may not take any action to divest the site
13 unless prior to taking such action, the Secretary cer-
14 tifies to the congressional defense committees that
15 no military requirement for future use of the site is
16 foreseeable.

17 **SEC. 1276. EXTENSION OF AUTHORITY TO ENTER INTO**
18 **AGREEMENTS WITH PARTICIPATING COUN-**
19 **TRIES IN THE AMERICAN, BRITISH, CANA-**
20 **DIAN, AND AUSTRALIAN ARMIES' PROGRAM.**

21 Section 1274(g) of the National Defense Authoriza-
22 tion Act for Fiscal Year 2013 (Public Law 112–239; 126
23 Stat. 2026; 10 U.S.C. 2350a note) is amended by striking
24 “five years” and inserting “ten years”.

1 **SEC. 1277. SECURITY STRATEGY FOR YEMEN.**

2 (a) REPORT REQUIRED.—Not later than 120 days
3 after the date of enactment of this Act, the President shall
4 submit to the appropriate congressional committees a re-
5 port that contains a security strategy for Yemen.

6 (b) ELEMENTS.—The report required by subsection
7 (a) shall include the following elements:

8 (1) A discussion of the strategy's compliance
9 with applicable legal authorities.

10 (2) A detailed description of the security envi-
11 ronment.

12 (3) A detailed description of the threats posed
13 by Al Qaeda in the Arabian Peninsula and the Is-
14 lamic State in Iraq and the Levant—Yemen Province,
15 including the origins, leadership, strategic aims, tac-
16 tical methods, and resources attributable to each or-
17 ganization.

18 (4) A detailed description of the threats posed
19 to freedom of navigation through the Bab al Mandab
20 Strait and waters in proximity to Yemen as well as
21 any United States efforts to mitigate those threats.

22 (5) A discussion of the ends, ways, and means
23 inherent to the strategy.

24 (6) A discussion of the strategy's objectives re-
25 garding counterterrorism and long-term stability in
26 Yemen.

1 (7) A plan to coordinate the United States dip-
2 lomatic, development, military, and intelligence re-
3 sources necessary to implement the strategy.

4 (8) A detailed description of the roles of the
5 United States Armed Forces in implementing the
6 strategy.

7 (c) FORM.—The report required by subsection (a)
8 shall be submitted in unclassified form, but may include
9 a classified annex.

10 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
11 DEFINED.—In this section, the term “appropriate con-
12 gressional committees” means—

13 (1) the Committee on Armed Services, the
14 Committee on Foreign Relations, the Committee on
15 Appropriations, and the Select Committee on Intel-
16 ligence of the Senate; and

17 (2) the Committee on Armed Services, the
18 Committee on Foreign Affairs, the Committee on
19 Appropriations, and the Permanent Select Com-
20 mittee on Intelligence of the House of Representa-
21 tives.

22 (e) NO AUTHORIZATION FOR DEPLOYMENT OF
23 ARMED FORCES.—None of the funds authorized to be ap-
24 propriated by this Act are authorized to be made available

1 to deploy members of the Armed Forces to participate in
2 the ongoing civil war in Yemen.

3 **SEC. 1278. LIMITATION ON TRANSFER OF EXCESS DEFENSE**
4 **ARTICLES THAT ARE HIGH MOBILITY MULTI-**
5 **PURPOSE WHEELED VEHICLES.**

6 (a) **LIMITATION.**—The President may not transfer
7 excess defense articles that are high mobility multi-pur-
8 pose wheeled vehicles under the authority of section 516
9 of the Foreign Assistance Act of 1961 (22 U.S.C. 2321j)
10 to foreign countries until 30 days after the date on which
11 the Comptroller General of the United States has sub-
12 mitted the report required under subsection (b) to the ap-
13 propriate congressional committees.

14 (b) **REPORT REQUIRED.**—The Comptroller General
15 of the United States shall submit to the appropriate con-
16 gressional committees a report on all proposed and com-
17 pleted transfers of excess defense articles that are high
18 mobility multi-purpose wheeled vehicles under the author-
19 ity of section 516 of the Foreign Assistance Act of 1961
20 (22 U.S.C. 2321j) during fiscal years 2012 through 2016.
21 Such report shall include the following:

22 (1) An assessment of the timing, rigorousness,
23 and procedures used in conducting the analysis of
24 the impact of each such transfer on the national
25 technology and industrial base and, particularly, the

1 impact on opportunities of entities in the national
2 technology and industrial base to sell new or used
3 equipment to the countries to which such articles
4 were to be or were transferred in accordance with
5 section 516(b)(1)(E) of the Foreign Assistance Act
6 of 1961 (22 U.S.C. 2321j(b)(1)(E)).

7 (2) Any other related matters the Comptroller
8 General determines to be appropriate.

9 (c) WAIVER.—The President may waive the limita-
10 tion in subsection (a) with respect to a proposed transfer
11 of excess defense articles if the President—

12 (1) determines that such transfer is in the na-
13 tional interest of the United States; and

14 (2) notifies the appropriate congressional com-
15 mittees of such waiver in writing not less than 30
16 days prior to such transfer.

17 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
18 DEFINED.—In this section, the term “appropriate con-
19 gressional committees” means—

20 (1) the congressional defense committees; and

21 (2) the Committee on Foreign Relations of the
22 Senate and the Committee on Foreign Affairs of the
23 House of Representatives.

24 (e) EFFECTIVE DATE.—This section shall take effect
25 on the date of the enactment of this Act and shall apply

1 with respect to letters of offer to transfer excess defense
2 articles that are high mobility multi-purpose wheeled vehi-
3 cles issued on or after such date of enactment.

4 **SEC. 1279. DEPARTMENT OF DEFENSE PROGRAM TO PRO-**
5 **TECT UNITED STATES STUDENTS AGAINST**
6 **FOREIGN AGENTS.**

7 (a) PROGRAM.—The Secretary of Defense shall de-
8 velop and implement a program to prepare United States
9 students studying abroad through Department of Defense
10 National Security Education Programs to recognize and
11 protect themselves against recruitment efforts by intel-
12 ligence agents.

13 (b) BRIEFING.—Not later than 180 days after the
14 date of the enactment of this Act, the Secretary of Defense
15 shall provide to the Committee on Armed Services of the
16 Senate and the Committee on Armed Services of the
17 House of Representatives a briefing on the program re-
18 quired under subsection (a).

19 **SEC. 1280. EXTENSION OF UNITED STATES-ISRAEL ANTI-**
20 **TUNNEL COOPERATION AUTHORITY.**

21 Section 1279(f) of the National Defense Authoriza-
22 tion Act for Fiscal Year 2016 (Public Law 114–92; 129
23 Stat. 1079; 22 U.S.C. 8606 note) is amended by striking
24 “December 31, 2018” and inserting “December 31,
25 2020”.

1 **SEC. 1281. ANTICORRUPTION STRATEGY.**

2 (a) IN GENERAL.—Not later than 120 days after the
3 United States engages in a contingency operation, the Sec-
4 retary of Defense, the Secretary of State, and the Admin-
5 istrator of the United States Agency for International De-
6 velopment, in consultation with the heads of other relevant
7 Federal agencies, shall jointly develop a strategy to pre-
8 vent corruption in any reconstruction efforts associated
9 with such operation and submit such strategy to—

10 (1) the congressional defense committees;

11 (2) the Committee on Foreign Relations of the
12 Senate; and

13 (3) the Committee on Foreign Affairs of the
14 House of Representatives.

15 (b) BENCHMARKS.—The strategy described in sub-
16 section (a) shall include measurable benchmarks to be met
17 as a condition for disbursement of any funds for recon-
18 struction efforts associated with such operation.

19 (c) REPORT.—For the duration of a contingency op-
20 eration for which the Secretary of Defense has submitted
21 a strategy pursuant to subsection (a), the Secretary shall
22 submit to Congress an annual report evaluating the imple-
23 mentation and effectiveness of such strategy and describ-
24 ing any necessary adjustments to the strategy.

1 **SEC. 1282. REPORT BY DEFENSE INTELLIGENCE AGENCY**
2 **ON CERTAIN MILITARY CAPABILITIES OF**
3 **CHINA AND RUSSIA.**

4 (a) REPORT.—The Director of the Defense Intel-
5 ligence Agency shall submit to the Secretary of Defense
6 and the appropriate congressional committees a report on
7 the military capabilities of the People’s Republic of China
8 and the Russian Federation.

9 (b) MATTERS INCLUDED.—The report under sub-
10 section (a) shall include, with respect to the military of
11 China and the military of Russia, the following:

12 (1) An update on the presence, status, and ca-
13 pability of the military with respect to any national
14 training centers similar to the Combat Training
15 Center Program of the United States.

16 (2) An analysis of a readiness deployment cycle
17 of the military, including—

18 (A) as compared to such a cycle of the
19 United States; and

20 (B) an identification of metrics used in the
21 national training centers of that military.

22 (3) A comprehensive investigation into the ca-
23 pability and readiness of the mechanized logistics of
24 the army of the military, including—

1 (A) an analysis of field maintenance,
2 sustainment maintenance, movement control,
3 intermodal operations, and supply; and

4 (B) how such functions under subpara-
5 graph (A) interact with specific echelons of that
6 military.

7 (4) An assessment of the future of mechanized
8 army logistics of that military.

9 (c) NONDUPLICATION OF EFFORTS.—The Defense
10 Intelligence Agency may make use of or add to any exist-
11 ing reports completed by the Agency in order to respond
12 to the reporting requirement.

13 (d) FORM.—The report under subsection (a) may be
14 submitted in classified form.

15 (e) BRIEFING.—The Director shall provide a briefing
16 to the Secretary and the committees specified in sub-
17 section (a) on the report under such subsection.

18 (f) APPROPRIATE CONGRESSIONAL COMMITTEES.—
19 In this section, the term “appropriate congressional com-
20 mittees” means—

21 (1) the Committees on Armed Services of the
22 House of Representatives and the Senate; and

23 (2) the Permanent Select Committee on Intel-
24 ligence of the House of Representatives and the Se-
25 lect Committee on Intelligence of the Senate.

1 **SEC. 1283. SENSE OF CONGRESS ON THE NORTH ATLANTIC**
2 **TREATY ORGANIZATION.**

3 (a) FINDINGS.—Congress finds the following:

4 (1) The North Atlantic Treaty Organization
5 (NATO) has been the cornerstone of transatlantic
6 security cooperation and an enduring instrument for
7 promoting stability in Europe and around the world
8 for over 65 years.

9 (2) NATO currently faces a range of security
10 challenges, including Russian aggression in Eastern
11 Europe and instability and conflict in the Middle
12 East and North Africa.

13 (3) In light of these and other threats, NATO
14 must have a credible deterrence to defend NATO
15 members, if necessary, against adversaries or
16 threats.

17 (4) Since the 2014 NATO summit in Wales and
18 the 2016 summit in Warsaw, NATO has made
19 progress in implementing a Readiness Action Plan
20 to enhance allied readiness and collective defense in
21 response to Russian aggression. However, much
22 work remains to be done.

23 (5) NATO's solidarity is strengthened by bol-
24 stering its conventional and nuclear deterrence, in-
25 creasing defense spending by NATO members, and
26 continuing the enlargement of NATO.

1 (b) SENSE OF CONGRESS.—It is the sense of Con-
2 gress that—

3 (1) NATO members should—

4 (A) continue to advance the NATO Open-
5 Door Policy and build on the successes of pre-
6 vious enlargement initiatives;

7 (B) continue to work with countries that
8 are seeking to join NATO to prepare for entry;

9 (C) commend Montenegro’s final accession
10 to NATO;

11 (D) seek a Dayton II agreement to resolve
12 the constitutional issues faced by Bosnia and
13 Herzegovina;

14 (E) work with the Republic of Kosovo to
15 prepare the country for entrance into the
16 NATO Partnership for Peace program;

17 (F) continue support for the NATO Mem-
18 bership Action Plan for Georgia;

19 (G) implement specific plans to ensure that
20 sufficient investments are made to meet NATO
21 responsibilities, including by allocating at least
22 2 percent of each member’s gross domestic
23 product to defense spending, 20 percent of
24 which should be dedicated to major equipment
25 procurement, as agreed at the 2014 Wales

1 Summit and reaffirmed at the 2016 Warsaw
2 Summit;

3 (H) continue to build on efforts to identify
4 and address, through consensus, the security
5 threats facing the alliance, such as by enhance-
6 ing counterterrorism activities;

7 (I) continue to bolster deterrence efforts
8 and promote the Enhanced Forward Presence
9 in Eastern Europe;

10 (J) as decided at the 2016 Warsaw Sum-
11 mit, use the new rotational deployments of four
12 multinational combat battalions in Poland,
13 Lithuania, Latvia, and Estonia to promote sta-
14 bility in that region as well as to deter Russian
15 aggression; and

16 (K) invest in infrastructure projects nec-
17 essary to guarantee free and efficient movement
18 throughout the territories of NATO members;
19 and

20 (2) the United States should commit to main-
21 taining a robust military presence in Europe as a
22 means of promoting allied interoperability, providing
23 visible assurance to NATO allies, and deterring Rus-
24 sian aggression in the region.

1 **SEC. 1284. SENSE OF CONGRESS ON THE EXPORT OF DE-**
2 **ENSE ARTICLES TO TURKEY.**

3 (a) FINDINGS.—Congress finds that—

4 (1) on June 6, 2017, the House of Representa-
5 tives voted unanimously to pass H. Res. 354, con-
6 demning the violence that took place outside the
7 Turkish Ambassador’s residence on May 16, 2017,
8 and calling on the perpetrators to be brought to jus-
9 tice under United States law; and

10 (2) the security force that participated in this
11 violence may be the recipient of arms exported from
12 the United States under a proposed deal.

13 (b) SENSE OF CONGRESS.—It is the sense of Con-
14 gress that the proposed sale of semiautomatic handguns
15 for export to Turkey should remain under scrutiny until
16 a satisfactory and appropriate resolution is reached to the
17 violence described in subsection (a)(1).

18 **SEC. 1285. STRATEGY TO IMPROVE DEFENSE INSTITUTIONS**
19 **AND SECURITY SECTOR FORCES IN NIGERIA.**

20 (a) IN GENERAL.—Not later than 120 days after the
21 date of the enactment of this Act, the President shall sub-
22 mit to the appropriate congressional committees a report
23 that contains a comprehensive strategy to support im-
24 provements in defense institutions and security sector
25 forces in Nigeria.

1 (b) MATTERS TO BE INCLUDED.—The report re-
2 quired by subsection (a) shall include the following:

3 (1) An assessment of the threats posed by ter-
4 rorist and other militant groups operating in Nige-
5 ria, including Boko Haram, ISIS-WA, and Niger
6 Delta militants, as well as a description of the ori-
7 gins, strategic aims, tactical methods, funding
8 sources, and leadership structures of each such orga-
9 nization.

10 (2) An assessment of efforts by the Government
11 of Nigeria to improve civilian protection, account-
12 ability for human rights violations, and transparency
13 in the defense institutions and security sector forces.

14 (3) A description of the key international and
15 United States diplomatic, development, intelligence,
16 military, and economic resources available to address
17 instability across Nigeria, and a plan to maximize
18 the coordination and effectiveness of these resources
19 to counter the threats posed by Boko Haram, ISIS-
20 WA, and Niger Delta militants.

21 (4) An assessment of efforts undertaken by the
22 security forces of the Government of Nigeria to im-
23 prove the protection of civilians in the context of—

24 (A) ongoing military operations against
25 Boko Haram in the northeast region;

1 (B) addressing farmer-herder land disputes
2 in the Middle Belt;

3 (C) renewed militant attacks on oil and
4 gas infrastructure in the Delta; and

5 (D) addressing pro-Biafra protests in the
6 southeast region.

7 (5) An assessment of the effectiveness of the
8 Civilian Joint Task Force that has been operating in
9 parts of northeastern Nigeria in order to ensure that
10 underage youth are not participating in government-
11 sponsored vigilante activity in violation of the Child
12 Soldiers Prevention Act of 2008 (Public Law 110–
13 340).

14 (6) An assessment of the options for the Gov-
15 ernment of Nigeria to eventually incorporate the Ci-
16 vilian Joint Task Force into Nigeria’s military or
17 law enforcement agencies or reintegrate its members
18 into civilian life.

19 (7) A plan for the United States to work with
20 the Nigerian security forces and judiciary to trans-
21 parently investigate allegations of human rights vio-
22 lations committed by the security forces of the Gov-
23 ernment of Nigeria that have involved civilian cas-
24 ualties, including a plan to undertake tangible meas-

1 ures of accountability following such investigations
2 in order to break the cycle of conflict.

3 (8) A plan for the United States to work with
4 the Nigerian defense institutions and security sector
5 forces to improve detainee conditions.

6 (9) A plan to work with the Nigerian military,
7 international organizations, and nongovernmental
8 organizations to demilitarize the humanitarian re-
9 sponse to the food insecurity and population dis-
10 placement in northeastern Nigeria.

11 (10) Any other matters the President considers
12 appropriate.

13 (c) UPDATES.—Not later than 1 year after the date
14 on which the report required under subsection (a) is sub-
15 mitted to the appropriate congressional committees, and
16 annually thereafter for 5 years, the President shall submit
17 to the appropriate congressional committees an update of
18 the report containing updated assessments and evalua-
19 tions on progress made on the plans described in the re-
20 port, including—

21 (1) updated assessments on the information de-
22 scribed in paragraphs (2), (4), and (6) of subsection
23 (a); and

24 (2) descriptions of the steps taken and out-
25 comes achieved under each of the plans described in

1 paragraphs (7), (8), (9), and (10) of subsection (a),
2 as well as assessments of the effectiveness and de-
3 scriptions of the metrics used to evaluate effective-
4 ness for each such plan.

5 (d) FORM.—The report required under subsection (a)
6 and the updates required under (c) shall be submitted in
7 unclassified form, but may include a classified annex.

8 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
9 FINED.—In this section, the term “appropriate congres-
10 sional committees” means—

11 (1) the Committee on Armed Services, the
12 Committee on Foreign Relations, the Committee on
13 Appropriations, and the Select Committee on Intel-
14 ligence of the Senate; and

15 (2) the Committee on Armed Services, the
16 Committee on Foreign Affairs, the Committee on
17 Appropriations, and the Permanent Select Com-
18 mittee on Intelligence of the House of Representa-
19 tives.

20 **SEC. 1286. SENSE OF CONGRESS REGARDING THE CHIBOK**
21 **SCHOOLGIRLS AND BOKO HARAM.**

22 (a) FINDINGS.—Congress finds the following:

23 (1) . The members of Jama’atu Ahlis Sunna
24 Lidda’awati wal-Jihad, commonly known as Boko
25 Haram, have terrorized the people of Nigeria with

1 increasing violence since 2009, targeting military,
2 government, and civilian sites in Nigeria, including
3 schools, mosques, churches, markets, villages, and
4 agricultural centers, and killing thousands and ab-
5 ducting hundreds of civilians in Nigeria and the sur-
6 rounding countries.

7 (2) On the night of April 14, 2014, 276 female
8 students, most of them between 15 and 18 years old,
9 were abducted by Boko Haram from the Chibok
10 Government Girls Secondary School, a boarding
11 school located in Borno state in the Federal Repub-
12 lic of Nigeria.

13 (3) While some Chibok girls have fled their cap-
14 tors and others have been released through negotia-
15 tions, more than 100 Chibok girls remain in cap-
16 tivity.

17 (4) In addition to kidnapping the Chibok
18 schoolgirls, Boko Haram has killed more than
19 20,000 people, coerced women and girls into car-
20 rying out suicide missions, displaced more than
21 3,000,000 Nigerians, tens of thousands of whom are
22 at risk of starving to death, and caused thousand of
23 school closures.

24 (5) In supporting efforts to reunite the Chibok
25 schoolgirls with their families, the United States has

1 authorized the deployment of military personnel to
2 assist with intelligence, surveillance, and reconnais-
3 sance, and provided training, equipment, and hu-
4 manitarian services to the populations affected by
5 and vulnerable to Boko Haram violence.

6 (6) The Secretary of State designated several
7 individuals linked to Boko Haram, including its
8 leader, Abubakar Shekau, as Specially Designated
9 Global Terrorists in 2012, and designated Boko
10 Haram as a Foreign Terrorist Organization in No-
11 vember 2013.

12 (7) The Senate and the House of Representa-
13 tives have both passed legislation and undertaken
14 other initiatives to condemn Boko Haram and sup-
15 port the Chibok schoolgirls.

16 (8) In addition to legislation, members of Con-
17 gress have traveled to Nigeria to meet with freed
18 Chibok schoolgirls and their families, held briefings,
19 press conferences, and hearings, and, every week
20 that Congress is in session, participated in Wear
21 Something Red Wednesday, a bipartisan campaign
22 led by Democratic Leader Nancy Pelosi, Republican
23 Conference Chair Cathy McMorris Rodgers, and
24 Congresswoman Frederica Wilson, during which law-
25 makers wear a red outfit or accessory and take

1 group photos to share on social media to raise
2 awareness about the kidnapped Chibok schoolgirls.

3 (9) The 114th Congress unanimously passed S.
4 1632, which President Barack Obama signed into
5 law on December 14, 2016, to direct the Secretary
6 of State and the Secretary of Defense to jointly de-
7 velop a five-year strategy to aid Nigeria and the
8 Multinational Joint Task Force, composed of troops
9 from Benin, Cameroon, Chad, Niger, and Nigeria, to
10 combat Boko Haram.

11 (10) On June 27, 2017, President Donald
12 Trump met with two freed Chibok schoolgirls at the
13 White House.

14 (b) SENSE OF CONGRESS.—Congress—

15 (1) commends the Secretary of State, Secretary
16 of Defense, and Director of National Intelligence for
17 delivering a report to Congress on a five-year strat-
18 egy for the United States to employ diplomatic, de-
19 velopment, defense, and other tools to assist and en-
20 able our African partners to lead the effort to de-
21 grade and ultimately defeat Boko Haram, the Is-
22 lamic State in Iraq and ash Sham – West Africa
23 (ISIS-WA), and any potential splinter or successor
24 groups;

1 (2) affirms United States support for the inter-
2 national effort to degrade Boko Haram and ISIS-
3 WA and to assist the Multinational Joint Task
4 Force to address the underlying drivers of violent ex-
5 tremism; and

6 (3) supports the efforts of the Department of
7 Defense to implement a United States strategy for
8 countering Boko Haram and ISIS-WA.

9 **SEC. 1287. MODIFICATION OF ANNUAL REPORT ON MILI-**
10 **TARY AND SECURITY DEVELOPMENTS IN-**
11 **VOLVING THE PEOPLE’S REPUBLIC OF**
12 **CHINA.**

13 Subsection (b) of section 1202 of the National De-
14 fense Authorization Act for Fiscal Year 2000 (Public Law
15 106–65; 10 U.S.C. 113 note), as most recently amended
16 by section 1271 of the National Defense Authorization Act
17 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
18 2538), is further amended by adding at the end the fol-
19 lowing:

20 “(23) Any Chinese laws, regulations, or policies
21 that could jeopardize the economic security of the
22 United States.”.

1 **SEC. 1288. REPORT ON IRAN AND NORTH KOREA NUCLEAR**
2 **AND BALLISTIC MISSILE COOPERATION.**

3 (a) SENSE OF CONGRESS.—It is the sense of Con-
4 gress that—

5 (1) the ballistic missile programs of Iran and
6 North Korea represent a serious threat to allies of
7 the United States in the Middle East, Europe, and
8 Asia, members of the Armed Forces deployed in
9 those regions, and ultimately the United States; and

10 (2) further cooperation between Iran and North
11 Korea on nuclear weapons or ballistic missile tech-
12 nology is not in the security interests of the United
13 States or our allies.

14 (b) REPORT.—

15 (1) IN GENERAL.—Not later than 180 days
16 after the date of the enactment of this Act, the
17 President, in coordination with the Secretary of De-
18 fense, the Secretary of State, and the heads of other
19 relevant agencies, shall submit to the appropriate
20 committees of Congress a report that includes—

21 (A) an assessment of the extent of co-
22 operation on nuclear programs, ballistic missile
23 development, chemical and biological weapons
24 development, or conventional weapons programs
25 between the Government of Iran and the Gov-
26 ernment of the Democratic People's Republic of

1 Korea, including the identity of Iranian and
2 North Korean persons that have knowingly en-
3 gaged in or directed the provision of material
4 support or the exchange of information (includ-
5 ing through the transfer of goods, services,
6 technology, or intellectual property) between the
7 Government of Iran and the Government of the
8 Democratic People’s Republic of Korea; and

9 (B) a determination whether any of the ac-
10 tivities described in subparagraph (A) violate
11 United Nations Security Council Resolutions
12 1695 (2006), 1718 (2006), 1874 (2009), 2087
13 (2013), 2094 (2013), 2231 (2015), 2270
14 (2016) and 2321 (2016).

15 (2) FORM.—The report required under para-
16 graph (1) shall be submitted in unclassified form,
17 but may contain a classified annex.

18 (3) APPROPRIATE COMMITTEES OF CONGRESS
19 DEFINED.—In this subsection, the term “appro-
20 priate committees of Congress” means—

21 (A) the Committee on Foreign Relations,
22 the Committee on Armed Services, and the Se-
23 lect Committee on Intelligence of the Senate;
24 and

1 (B) the Committee on Foreign Affairs, the
2 Committee on Armed Services, and the Perma-
3 nent Select Committee on Intelligence of the
4 House of Representatives.

5 **SEC. 1289. MODIFICATION OF ANNUAL UPDATE OF DEPART-**
6 **MENT OF DEFENSE FREEDOM OF NAVIGA-**
7 **TION OPERATIONS REPORT.**

8 (a) IN GENERAL.—Subsection (b) of section 1275 of
9 the National Defense Authorization Act for Fiscal Year
10 2017 (Public Law 114–328; 130 Stat. 2540) is amended
11 by adding at the end the following:

12 “(4) For each country identified under para-
13 graph (1) as making an excessive maritime claim
14 challenged by the United States under the program
15 referred to in subsection (a), the types and locations
16 of excessive maritime claims by such country that
17 have not been challenged by the United States, if
18 any, under the program referred to in subsection
19 (a).”.

20 (b) EFFECTIVE DATE.—The amendment made sub-
21 section (a) takes effect of the date of the enactment of
22 this Act and applies with respect to each report required
23 to be submitted under section 1275 of the National De-
24 fense Authorization Act for Fiscal Year 2017 on or after
25 such date of enactment.

1 **SEC. 1290. CONTINGENCY PLANS RELATING TO SOUTH**
2 **SUDAN.**

3 The Secretary of Defense shall prepare contingency
4 plans—

5 (1) to assist relief organizations in delivery of
6 humanitarian assistance in South Sudan; and

7 (2) to engage South Sudan’s military to pro-
8 mote efforts to reduce conflicts.

9 **SEC. 1291. REPORT ON STRATEGY TO DEFEAT AL-QAEDA,**
10 **THE TALIBAN, THE ISLAMIC STATE OF IRAQ**
11 **AND SYRIA (ISIS), AND THEIR ASSOCIATED**
12 **FORCES AND CO-BELLIGERENTS.**

13 (a) IN GENERAL.—Not later than 30 days after the
14 date of the enactment of this Act, the President shall sub-
15 mit to Congress a report on the United States strategy
16 to defeat Al-Qaeda, the Taliban, the Islamic State of Iraq
17 and Syria (ISIS), and their associated forces and co-bellig-
18 erents.

19 (b) ELEMENTS.—The report required under sub-
20 section (a) shall include the following:

21 (1) An analysis of the adequacy of the existing
22 legal framework to accomplish the strategy described
23 in subsection (a), particularly with respect to the
24 Authorization for Use of Military Force (Public Law
25 107–40; 50 U.S.C. 1541 note) and the Authoriza-
26 tion for Use of Military Force Against Iraq Resolu-

1 tion of 2002 (Public Law 107–243; 50 U.S.C. 1541
2 note).

3 (2) An analysis of the budgetary resources nec-
4 essary to accomplish the strategy described in sub-
5 section (a).

6 (c) CONGRESSIONAL TESTIMONY.—Not later than 30
7 days after the date on which the President submits to the
8 appropriate congressional committees the report required
9 by subsection (a), the Secretary of State and the Secretary
10 of Defense shall testify at any hearing held by any of the
11 appropriate congressional committees on the report and
12 to which the Secretary is invited.

13 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
14 DEFINED.—In this section, the term “appropriate con-
15 gressional committees” means—

16 (1) the Committee on Foreign Relations and
17 the Committee on Armed Services of the Senate; and

18 (2) the Committee on Foreign Affairs and the
19 Committee on Armed Services of the House of Rep-
20 resentatives.

1 **SEC. 1292. NOTICE OF CHANGES TO THE LEGAL AND POL-**
2 **ICY FRAMEWORKS GUIDING THE UNITED**
3 **STATES' USE OF MILITARY FORCE AND RE-**
4 **LATED NATIONAL SECURITY OPERATIONS.**

5 (a) NOTICE REQUIRED.—Not later than 30 days
6 after the date on which a change is made to any of the
7 legal or policy frameworks described in the report entitled
8 “Report on the Legal and Policy Frameworks Guiding the
9 United States Use of Military Force and Related National
10 Security Operations” prepared by the national security de-
11 partments and agencies and published on December 5,
12 2016, the President shall notify the appropriate congres-
13 sional committees of such change, including the legal, fac-
14 tual, and policy justification for such change.

15 (b) APPROPRIATE CONGRESSIONAL COMMITTEES
16 DEFINED.—In this section, the term “appropriate con-
17 gressional committees” means—

18 (1) the Committee on Armed Services of the
19 Senate and the Committee on Armed Services of the
20 House of Representatives;

21 (2) the Committee on Appropriations of the
22 Senate and the Committee on Appropriations of the
23 House of Representatives;

24 (3) the Committee on Foreign Relations of the
25 Senate and the Committee on Foreign Affairs of the
26 House of Representatives; and

1 (4) the Select Committee on Intelligence of the
2 Senate and the Permanent Select Committee on In-
3 telligence of the House of Representatives.

4 **SEC. 1293. REPORT ON MILITARY ACTION OF SAUDI ARABIA**
5 **AND ITS COALITIONS PARTNERS IN YEMEN.**

6 (a) IN GENERAL.—Not later than 180 days after the
7 date of the enactment of this Act, and every 180 days
8 thereafter, the Secretary of Defense and the Secretary of
9 State shall jointly submit the appropriate congressional
10 committees a report on military action of Saudi Arabia
11 and its coalitions partners in Yemen.

12 (b) MATTERS TO BE INCLUDED.—The report re-
13 quired by subsection (a) shall include a description of the
14 following:

15 (1) The extent to which the Government of
16 Saudi Arabia and its coalition partners in Yemen
17 are abiding by their “No Strike List and Restricted
18 Target List”.

19 (2) Roles played by United States military per-
20 sonnel with respect to operations of such coalition
21 partners in Yemen.

22 (3) Progress made by the Government of Saudi
23 Arabia in improving its targeting capabilities.

24 (4) Progress made by such coalition partners to
25 implement the recommendations of the Joint Inci-

1 dent Assessment Team and participation if any by
2 the United States in the implementation of such rec-
3 ommendations.

4 (5) Progress made toward implementation of
5 United Nations Security Council Resolution 2216
6 (2015) or any successor United Nations Security
7 Council resolution relating to the conflict in Yemen.

8 (c) FORM.—The report required by subsection (a)
9 shall be submitted in unclassified form, but may contain
10 a classified annex.

11 (d) TERMINATION.—This section shall terminate
12 on—

13 (1) the date that is 2 years after the date of the
14 enactment of this Act, or

15 (2) the date on which the Secretary of Defense
16 and Secretary of State jointly certify to the appro-
17 priate congressional committees that the conflict in
18 Yemen has come to a conclusion,

19 whichever occurs earlier.

20 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
21 FINED.—In this section, the term “appropriate congres-
22 sional committees” means—

23 (1) the congressional defense committees; and

1 (2) the Committee on Foreign Relations of the
2 Senate and the Committee on Foreign Affairs of the
3 House of Representatives.

4 **SEC. 1294. SENSE OF CONGRESS ON THE WESTERN HEMI-**
5 **SPHERE REGION.**

6 It is the sense of Congress that—

7 (1) the security, stability, and prosperity of the
8 Western Hemisphere region are vital to the national
9 interests of the United States;

10 (2) the United States should maintain a mili-
11 tary capability in the Western Hemisphere region
12 that is able to project power, build partner capacity,
13 deter acts of aggression, and respond, if necessary,
14 to regional threats or to threats to the national secu-
15 rity of the United States by the activities of Iran,
16 China, Russia, North Korea, transnational criminal
17 organizations, or terrorist organizations in the re-
18 gion;

19 (3) continuing efforts by the Department of De-
20 fense to commit additional assets and increase in-
21 vestments to the Western Hemisphere are necessary
22 to maintain a robust United States commitment to
23 the region;

24 (4) the Secretary of Defense should—

1 (A) assess the current United States force
2 posture in the Western Hemisphere to ensure
3 that the United States maintains an appro-
4 priate forward presence in the region;

5 (B) prioritize—

6 (i) intelligence, surveillance, and re-
7 connaissance;

8 (ii) maritime patrol aircraft to sup-
9 port detection and monitoring missions;

10 (iii) efforts to disrupt and degrade
11 transregional and transnational threat net-
12 works; and

13 (iv) when possible, efforts to support
14 the mission of the Department of Home-
15 land Security, as requested, in monitoring
16 individuals identified by the Secretary of
17 Homeland Security as “special interest
18 aliens” or as “foreign terrorist fighters”;
19 and

20 (C) enhance regional force readiness
21 through joint training and exercises; and

22 (5) the United States should continue to engage
23 in the Western Hemisphere by strengthening alli-
24 ances and partnerships, working with regional insti-
25 tutions, addressing the shared challenges of illicit

1 trafficking of humans, drugs, and other contraband,
2 transnational criminal organizations, and foreign
3 terrorist fighters, and supporting the rule of law and
4 democracy in the region.

5 **SEC. 1295. SENSE OF CONGRESS RELATING TO INCREASES**
6 **IN DEFENSE CAPABILITIES OF UNITED**
7 **STATES ALLIES.**

8 It is the sense of Congress that the President, in fur-
9 therance of increased unity, equitable sharing of the com-
10 mon defense burden, and international stability, should—

11 (1) encourage all member countries of the
12 North Atlantic Treaty Organization (“NATO al-
13 lies”) to fulfill their commitments to levels and com-
14 position of defense expenditures as agreed upon at
15 the NATO 2014 Wales Summit and NATO 2016
16 Warsaw Summit;

17 (2) call on NATO allies to finance, equip, and
18 train their armed forces to fulfill their national and
19 regional security interests; and

20 (3) recognize NATO allies that are meeting
21 their defense spending commitments or otherwise
22 providing adequately for their national and regional
23 security interests.

1 **SEC. 1296. LIMITATION ON AVAILABILITY OF FUNDS TO IM-**
2 **PLEMENT THE ARMS TRADE TREATY.**

3 (a) IN GENERAL.—None of the funds authorized to
4 be appropriated by this Act or otherwise made available
5 for fiscal year 2018 for the Department of Defense may
6 be obligated or expended to fund a Secretariat or any
7 other international organization established to support the
8 implementation of the Arms Trade Treaty, to sustain do-
9 mestic prosecutions based on any charge related to the
10 Treaty, or to implement the Treaty until the Senate ap-
11 proves a resolution of ratification for the Treaty and im-
12 plementing legislation for the Treaty has been enacted into
13 law.

14 (b) RULE OF CONSTRUCTION.—Nothing in this sec-
15 tion shall be construed to preclude the Department of De-
16 fense from assisting foreign countries in bringing their
17 laws, regulations, and practices related to export control
18 up to United States standards.

19 **SEC. 1297. CULTURAL HERITAGE PROTECTION COORDI-**
20 **NATOR.**

21 (a) IN GENERAL.—Not later than 90 days after the
22 date of the enactment of this Act, the Secretary of Defense
23 shall designate an employee of the Department of Defense
24 to serve concurrently as the Coordinator for Cultural Her-
25 itage Protection (in this section referred to as the “Coordi-
26 nator”).

1 (b) DUTIES.—The Coordinator shall have the fol-
2 lowing duties:

3 (1) The Coordinator shall be responsible for co-
4 ordinating existing obligations of the Department of
5 Defense for the protection of cultural heritage, in-
6 cluding the 1954 Hague Convention for the Protec-
7 tion of Cultural Property in the Event of Armed
8 Conflict, and other obligations for the protection of
9 cultural heritage.

10 (2) The Coordinator shall convene a coordi-
11 nating committee of entities within the Department
12 of Defense that have the responsibility or capacity
13 for protecting cultural heritage.

14 (c) COORDINATING COMMITTEE.—The coordinating
15 committee convened pursuant to subsection (b)(2) shall—

16 (1) meet not less than annually;

17 (2) coordinate with the Cultural Heritage Co-
18 ordinating Committee convened by the Department
19 of State; and

20 (3) solicit consultation and coordination with
21 other Federal agencies and nongovernmental organi-
22 zations, including the U.S. Committee of the Blue
23 Shield, as well as other expert and stakeholder orga-
24 nizations, as appropriate for the national security in-
25 terests of the United States.

1 **SEC. 1298. PROHIBITION ON USE OF FUNDS TO CONDUCT**
2 **MILITARY OPERATIONS IN YEMEN.**

3 (a) PROHIBITION.—No amounts authorized to be ap-
4 propriated by this Act or otherwise made available to the
5 Department of Defense for fiscal year 2018 may be made
6 available to conduct military operations in Yemen.

7 (b) RULE OF CONSTRUCTION.—Nothing in this sec-
8 tion shall be construed to prohibit the following:

9 (1) Activities carried out in full compliance with
10 the Authorization for Use of Military Force (Public
11 Law 107–40; 50 U.S.C. 1541 note).

12 (2) The provision of humanitarian assistance.

13 (3) The defense of United States Armed
14 Forces.

15 (4) Support for freedom of navigation oper-
16 ations.

17 **TITLE XIII—COOPERATIVE**
18 **THREAT REDUCTION**

19 **SEC. 1301. SPECIFICATION OF COOPERATIVE THREAT RE-**
20 **DUCTION FUNDS.**

21 (a) FISCAL YEAR 2018 COOPERATIVE THREAT RE-
22 Duction Funds Defined.—In this title, the term “fiscal
23 year 2018 Cooperative Threat Reduction funds” means
24 the funds appropriated pursuant to the authorization of
25 appropriations in section 301 and made available by the
26 funding table in division D for the Department of Defense

1 Cooperative Threat Reduction Program established under
2 section 1321 of the Department of Defense Cooperative
3 Threat Reduction Act (50 U.S.C. 3711).

4 (b) AVAILABILITY OF FUNDS.—Funds appropriated
5 pursuant to the authorization of appropriations in section
6 301 and made available by the funding table in division
7 D for the Department of Defense Cooperative Threat Re-
8 duction Program shall be available for obligation for fiscal
9 years 2018, 2019, and 2020.

10 **SEC. 1302. FUNDING ALLOCATIONS.**

11 (a) IN GENERAL.—Of the \$324,600,000 authorized
12 to be appropriated to the Department of Defense for fiscal
13 year 2018 in section 301 and made available by the fund-
14 ing table in division D for the Department of Defense Co-
15 operative Threat Reduction Program established under
16 section 1321 of the Department of Defense Cooperative
17 Threat Reduction Act (50 U.S.C. 3711), the following
18 amounts may be obligated for the purposes specified:

19 (1) For strategic offensive arms elimination,
20 \$12,100,000.

21 (2) For chemical weapons destruction,
22 \$5,000,000.

23 (3) For global nuclear security, \$17,900,000.

24 (4) For cooperative biological engagement,
25 \$172,800,000.

1 (5) For proliferation prevention, \$89,800,000.

2 (6) For activities designated as Other Assess-
3 ments/Administrative Costs, \$27,000,000.

4 (b) MODIFICATION TO CERTAIN REQUIREMENTS.—
5 The Department of Defense Cooperative Threat Reduction
6 Act (50 U.S.C. 3701 et seq.) is amended as follows:

7 (1) Section 1321(g)(1) (50 U.S.C. 3711(g)(1))
8 is amended by striking “45 days” and inserting “15
9 days”.

10 (2) Section 1324 (50 U.S.C. 3714) is amend-
11 ed—

12 (A) in subsection (a)(1)(C), by striking
13 “45 days” and inserting “15 days”; and

14 (B) in subsection (b)(3), by striking “45
15 days” and inserting “15 days”.

16 (3) Section 1335(a) (50 U.S.C. 3735(a)) is
17 amended by striking “or expended”.

18 **TITLE XIV—OTHER**

19 **AUTHORIZATIONS**

20 **Subtitle A—Military Programs**

21 **SEC. 1401. WORKING CAPITAL FUNDS.**

22 Funds are hereby authorized to be appropriated for
23 fiscal year 2018 for the use of the Armed Forces and other
24 activities and agencies of the Department of Defense for

1 providing capital for working capital and revolving funds,
2 as specified in the funding table in section 4501.

3 **SEC. 1402. CHEMICAL AGENTS AND MUNITIONS DESTRUC-**
4 **TION, DEFENSE.**

5 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
6 are hereby authorized to be appropriated for the Depart-
7 ment of Defense for fiscal year 2018 for expenses, not oth-
8 erwise provided for, for Chemical Agents and Munitions
9 Destruction, Defense, as specified in the funding table in
10 section 4501.

11 (b) USE.—Amounts authorized to be appropriated
12 under subsection (a) are authorized for—

13 (1) the destruction of lethal chemical agents
14 and munitions in accordance with section 1412 of
15 the Department of Defense Authorization Act, 1986
16 (50 U.S.C. 1521); and

17 (2) the destruction of chemical warfare materiel
18 of the United States that is not covered by section
19 1412 of such Act.

20 **SEC. 1403. DRUG INTERDICTION AND COUNTER-DRUG AC-**
21 **TIVITIES DEFENSE-WIDE.**

22 Funds are hereby authorized to be appropriated for
23 the Department of Defense for fiscal year 2018 for ex-
24 penses, not otherwise provided for, for Drug Interdiction

1 and Counter-Drug Activities, Defense-wide, as specified in
2 the funding table in section 4501.

3 **SEC. 1404. DEFENSE INSPECTOR GENERAL.**

4 Funds are hereby authorized to be appropriated for
5 the Department of Defense for fiscal year 2018 for ex-
6 penses, not otherwise provided for, for the Office of the
7 Inspector General of the Department of Defense, as speci-
8 fied in the funding table in section 4501.

9 **SEC. 1405. DEFENSE HEALTH PROGRAM.**

10 Funds are hereby authorized to be appropriated for
11 fiscal year 2018 for the Defense Health Program, as spec-
12 ified in the funding table in section 4501, for use of the
13 Armed Forces and other activities and agencies of the De-
14 partment of Defense in providing for the health of eligible
15 beneficiaries.

16 **SEC. 1406. NATIONAL DEFENSE SEALIFT FUND.**

17 Funds are hereby authorized to be appropriated for
18 fiscal year 2018 for the National Defense Sealift Fund,
19 as specified in the funding table in section 4501.

1 **Subtitle B—Other Matters**

2 **SEC. 1411. AUTHORITY FOR TRANSFER OF FUNDS TO JOINT**
3 **DEPARTMENT OF DEFENSE-DEPARTMENT OF**
4 **VETERANS AFFAIRS MEDICAL FACILITY DEM-**
5 **ONSTRATION FUND FOR CAPTAIN JAMES A.**
6 **LOVELL HEALTH CARE CENTER, ILLINOIS.**

7 (a) **AUTHORITY FOR TRANSFER OF FUNDS.**—Of the
8 funds authorized to be appropriated by section 1405 and
9 available for the Defense Health Program for operation
10 and maintenance, \$115,500,000 may be transferred by the
11 Secretary of Defense to the Joint Department of Defense—
12 Department of Veterans Affairs Medical Facility Dem-
13 onstration Fund established by subsection (a)(1) of sec-
14 tion 1704 of the National Defense Authorization Act for
15 Fiscal Year 2010 (Public Law 111–84; 123 Stat. 2571).
16 For purposes of subsection (a)(2) of such section 1704,
17 any funds so transferred shall be treated as amounts au-
18 thorized and appropriated specifically for the purpose of
19 such a transfer.

20 (b) **USE OF TRANSFERRED FUNDS.**—For the pur-
21 poses of subsection (b) of such section 1704, facility oper-
22 ations for which funds transferred under subsection (a)
23 may be used are operations of the Captain James A.
24 Lovell Federal Health Care Center, consisting of the
25 North Chicago Veterans Affairs Medical Center, the Navy

1 Ambulatory Care Center, and supporting facilities des-
2 ignated as a combined Federal medical facility under an
3 operational agreement covered by section 706 of the Dun-
4 can Hunter National Defense Authorization Act for Fiscal
5 Year 2009 (Public Law 110–417; 122 Stat. 4500).

6 **SEC. 1412. AUTHORIZATION OF APPROPRIATIONS FOR**
7 **ARMED FORCES RETIREMENT HOME.**

8 There is hereby authorized to be appropriated for fis-
9 cal year 2018 from the Armed Forces Retirement Home
10 Trust Fund the sum of \$64,300,000 for the operation of
11 the Armed Forces Retirement Home.

12 **TITLE XV—AUTHORIZATION OF**
13 **ADDITIONAL APPROPRIA-**
14 **TIONS FOR OVERSEAS CON-**
15 **TINGENCY OPERATIONS**
16 **Subtitle A—Authorization of**
17 **Appropriations**

18 **SEC. 1501. PURPOSE AND TREATMENT OF CERTAIN AU-**
19 **THORIZATIONS OF APPROPRIATIONS.**

20 (a) **PURPOSE.**—The purpose of this subtitle is to au-
21 thorize appropriations for the Department of Defense for
22 fiscal year 2018 to provide additional funds—

23 (1) for overseas contingency operations being
24 carried out by the Armed Forces; and

1 (2) pursuant to sections 1502, 1503, 1504, and
2 1505 for expenses, not otherwise provided for, for
3 procurement, research, development, test, and eval-
4 uation, operation and maintenance, and military per-
5 sonnel, as specified in the funding tables in sections
6 4103, 4203, 4303, and 4403.

7 (b) TREATMENT OF FUNDS.—The Director of the
8 Office of Management and Budget shall apportion the
9 funds identified in subsection (a)(2) to the Department
10 of Defense without restriction, limitation, or constraint on
11 the execution of such funds in support of base require-
12 ments, including any restriction, limitation, or constraint
13 imposed by, or described in, the document entitled “Cri-
14 teria for War/Overseas Contingency Operations Funding
15 Requests” transmitted by the Director to the Department
16 of Defense on September 9, 2010, or any successor or re-
17 lated guidance.

18 **SEC. 1502. PROCUREMENT.**

19 Funds are hereby authorized to be appropriated for
20 fiscal year 2018 for procurement accounts for the Army,
21 the Navy and the Marine Corps, the Air Force, and De-
22 fense-wide activities, as specified in—

- 23 (1) the funding table in section 4102; or
24 (2) the funding table in section 4103.

1 **SEC. 1503. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
2 **TION.**

3 Funds are hereby authorized to be appropriated for
4 fiscal year 2018 for the use of the Department of Defense
5 for research, development, test, and evaluation, as speci-
6 fied in—

7 (1) the funding table in section 4202; or

8 (2) the funding table in section 4203.

9 **SEC. 1504. OPERATION AND MAINTENANCE.**

10 Funds are hereby authorized to be appropriated for
11 fiscal year 2018 for the use of the Armed Forces and other
12 activities and agencies of the Department of Defense for
13 expenses, not otherwise provided for, for operation and
14 maintenance, as specified in—

15 (1) the funding table in section 4302, or

16 (2) the funding table in section 4303.

17 **SEC. 1505. MILITARY PERSONNEL.**

18 Funds are hereby authorized to be appropriated for
19 fiscal year 2018 for the use of the Armed Forces and other
20 activities and agencies of the Department of Defense for
21 expenses, not otherwise provided for, for military per-
22 sonnel, as specified in—

23 (1) the funding table in section 4402; or

24 (2) the funding table in section 4403.

1 **SEC. 1506. WORKING CAPITAL FUNDS.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2018 for the use of the Armed Forces and other
4 activities and agencies of the Department of Defense for
5 providing capital for working capital and revolving funds,
6 as specified in the funding table in section 4502.

7 **SEC. 1507. DRUG INTERDICTION AND COUNTER-DRUG AC-**
8 **TIVITIES, DEFENSE-WIDE.**

9 Funds are hereby authorized to be appropriated for
10 the Department of Defense for fiscal year 2018 for ex-
11 penses, not otherwise provided for, for Drug Interdiction
12 and Counter-Drug Activities, Defense-wide, as specified in
13 the funding table in section 4502.

14 **SEC. 1508. DEFENSE INSPECTOR GENERAL.**

15 Funds are hereby authorized to be appropriated for
16 the Department of Defense for fiscal year 2018 for ex-
17 penses, not otherwise provided for, for the Office of the
18 Inspector General of the Department of Defense, as speci-
19 fied in the funding table in section 4502.

20 **SEC. 1509. DEFENSE HEALTH PROGRAM.**

21 Funds are hereby authorized to be appropriated for
22 the Department of Defense for fiscal year 2018 for ex-
23 penses, not otherwise provided for, for the Defense Health
24 Program, as specified in the funding table in section 4502.

1 **Subtitle B—Financial Matters**

2 **SEC. 1511. TREATMENT AS ADDITIONAL AUTHORIZATIONS.**

3 The amounts authorized to be appropriated by this
4 title are in addition to amounts otherwise authorized to
5 be appropriated by this Act.

6 **SEC. 1512. SPECIAL TRANSFER AUTHORITY.**

7 (a) AUTHORITY TO TRANSFER AUTHORIZATIONS.—

8 (1) AUTHORITY.—Upon determination by the
9 Secretary of Defense that such action is necessary in
10 the national interest, the Secretary may transfer
11 amounts of authorizations made available to the De-
12 partment of Defense in this title for fiscal year 2018
13 between any such authorizations for that fiscal year
14 (or any subdivisions thereof).

15 (2) EFFECT OF TRANSFER.—Amounts of au-
16 thorizations transferred under this subsection shall
17 be merged with and be available for the same pur-
18 poses as the authorization to which transferred.

19 (3) LIMITATIONS.—The total amount of author-
20 izations that the Secretary may transfer under the
21 authority of this subsection may not exceed
22 \$2,500,000,000.

23 (4) EXCEPTION.—In the case of the authoriza-
24 tions of appropriations contained in sections 1502,
25 1503, 1504, and 1505 that are provided for the pur-

1 pose specified in section 1501(a)(2), the transfer au-
2 thority provided under section 1001, rather than the
3 transfer authority provided by this subsection, shall
4 apply to any transfer of amounts of such authoriza-
5 tions.

6 (b) TERMS AND CONDITIONS.—Transfers under this
7 section shall be subject to the same terms and conditions
8 as transfers under section 1001.

9 (c) ADDITIONAL AUTHORITY.—The transfer author-
10 ity provided by this section is in addition to the transfer
11 authority provided under section 1001.

12 **Subtitle C—Limitations, Reports,** 13 **and Other Matters**

14 **SEC. 1521. AFGHANISTAN SECURITY FORCES FUND.**

15 (a) CONTINUATION OF PRIOR AUTHORITIES AND
16 NOTICE AND REPORTING REQUIREMENTS.—Funds avail-
17 able to the Department of Defense for the Afghanistan
18 Security Forces Fund for fiscal year 2018 shall be subject
19 to the conditions contained in subsections (b) through (g)
20 of section 1513 of the National Defense Authorization Act
21 for Fiscal Year 2008 (Public Law 110–181; 122 Stat.
22 428), as amended by section 1531(b) of the Ike Skelton
23 National Defense Authorization Act for Fiscal Year 2011
24 (Public Law 111–383; 124 Stat. 4424).

25 (b) EQUIPMENT DISPOSITION.—

1 (1) ACCEPTANCE OF CERTAIN EQUIPMENT.—
2 Subject to paragraph (2), the Secretary of Defense
3 may accept equipment that is procured using
4 amounts in the Afghanistan Security Forces Fund
5 authorized under this Act and is intended for trans-
6 fer to the security forces of Afghanistan, but is not
7 accepted by such security forces.

8 (2) CONDITIONS ON ACCEPTANCE OF EQUIP-
9 MENT.—Before accepting any equipment under the
10 authority provided by paragraph (1), the Com-
11 mander of United States forces in Afghanistan shall
12 make a determination that the equipment was pro-
13 cured for the purpose of meeting requirements of the
14 security forces of Afghanistan, as agreed to by both
15 the Government of Afghanistan and the United
16 States, but is no longer required by such security
17 forces or was damaged before transfer to such secu-
18 rity forces.

19 (3) ELEMENTS OF DETERMINATION.—In mak-
20 ing a determination under paragraph (2) regarding
21 equipment, the Commander of United States forces
22 in Afghanistan shall consider alternatives to Sec-
23 retary of Defense acceptance of the equipment. An
24 explanation of each determination, including the
25 basis for the determination and the alternatives con-

1 sidered, shall be included in the relevant quarterly
2 report required under paragraph (5).

3 (4) TREATMENT AS DEPARTMENT OF DEFENSE
4 STOCKS.—Equipment accepted under the authority
5 provided by paragraph (1) may be treated as stocks
6 of the Department of Defense upon notification to
7 the congressional defense committees of such treat-
8 ment.

9 (5) QUARTERLY REPORTS ON EQUIPMENT DIS-
10 POSITION.—Not later than 90 days after the date of
11 the enactment of this Act and every 90-day period
12 thereafter during which the authority provided by
13 paragraph (1) is exercised, the Secretary of Defense
14 shall submit to the congressional defense committees
15 a report describing the equipment accepted under
16 this subsection, section 1531(d) of the National De-
17 fense Authorization Act for Fiscal Year 2014 (Pub-
18 lic Law 113–66; 127 Stat. 938; 10 U.S.C. 2302
19 note), section 1532(b) of the Carl Levin and Howard
20 P. “Buck” McKeon National Defense Authorization
21 Act for Fiscal Year 2015 (Public Law 113–291; 128
22 Stat. 3612), section 1531(b) of the National Defense
23 Authorization Act for Fiscal Year 2016 (Public Law
24 114–92; 129 Stat. 1088), and section 1521(b) of the
25 National Defense Authorization Act for Fiscal Year

1 2017 (Public Law 114–328) during the period cov-
2 ered by the report. Each report shall include a list
3 of all equipment that was accepted during the period
4 covered by the report and treated as stocks of the
5 Department and copies of the determinations made
6 under paragraph (2), as required by paragraph (3).

7 (c) ALLOCATION OF FUNDS.—

8 (1) IN GENERAL.—Of the funds available to the
9 Department of Defense for the Afghan Security
10 Forces Fund for fiscal year 2018, it is the goal that
11 \$41,000,000 shall be used for—

12 (A) the recruitment, integration, retention,
13 training, and treatment of women in the Af-
14 ghan National Security Forces; and

15 (B) the recruitment, training, and con-
16 tracting of female security personnel for future
17 elections.

18 (2) TYPES OF PROGRAMS AND ACTIVITIES.—

19 Such programs and activities may include—

20 (A) efforts to recruit women into the Af-
21 ghan National Security Forces, including the
22 special operations forces;

23 (B) programs and activities of the Afghan
24 Ministry of Defense Directorate of Human
25 Rights and Gender Integration and the Afghan

1 Ministry of Interior Office of Human Rights,
2 Gender and Child Rights;

3 (C) development and dissemination of gen-
4 der and human rights educational and training
5 materials and programs within the Afghan Min-
6 istry of Defense and the Afghan Ministry of In-
7 terior;

8 (D) efforts to address harassment and vio-
9 lence against women within the Afghan Na-
10 tional Security Forces;

11 (E) improvements to infrastructure that
12 address the requirements of women serving in
13 the Afghan National Security Forces, including
14 appropriate equipment for female security and
15 police forces, and transportation for police-
16 women to their station;

17 (F) support for Afghanistan National Po-
18 lice Family Response Units; and

19 (G) security provisions for high-profile fe-
20 male police and army officers.

21 (d) ASSESSMENT OF AFGHANISTAN PROGRESS ON
22 SECURITY OBJECTIVES.—

23 (1) ASSESSMENT REQUIRED.—Not later than
24 June 1, 2018, the Secretary of Defense, in consulta-
25 tion with the Secretary of State, shall submit to the

1 Committee on Armed Services and the Committee on
2 Foreign Affairs of the House of Representatives and
3 the Committee on Armed Services and the Com-
4 mittee on Foreign Relations of the Senate an assess-
5 ment describing the progress of the government of
6 the Islamic Republic of Afghanistan toward meeting
7 shared security objectives. In conducting such as-
8 sessment the Secretary shall consider each of the fol-
9 lowing:

10 (A) The extent to which the government of
11 Afghanistan has taken steps toward increased
12 accountability and reducing corruption within
13 the Ministries of Defense and Interior.

14 (B) The extent to which the capability and
15 capacity of the Afghan National Defense and
16 Security Forces have improved as a result of
17 Afghan Security Forces Fund investment, in-
18 cluding through training.

19 (C) The extent to which the Afghan Na-
20 tional Defense and Security Forces have been
21 able to increase pressure on the Taliban, al-
22 Qaeda, the Haqqani network, and other ter-
23 rorist organizations, including by re-taking ter-
24 ritory, defending territory, and disrupting at-
25 tacks.

1 (D) Whether or not the government of Af-
2 ghanistan is ensuring that supplies, equipment,
3 and weaponry supplied by the United States are
4 appropriately distributed to security forces
5 charged with fighting the Taliban and other
6 terrorist organizations.

7 (E) Such other factors as the Secretaries
8 consider appropriate.

9 (2) WITHHOLDING OF ASSISTANCE FOR INSUF-
10 FICIENT PROGRESS.—

11 (A) IN GENERAL.—If the Secretary of De-
12 fense, in consultation with the Secretary of
13 State, determines pursuant to the assessment
14 under paragraph (1) that the government of Af-
15 ghanistan has made insufficient progress, the
16 Secretary of Defense may withhold assistance
17 for the Afghan National Defense and Security
18 Forces until such time as the Secretary deter-
19 mines sufficient progress has been made.

20 (B) NOTICE TO CONGRESS.—If the Sec-
21 retary of Defense withholds assistance under
22 subparagraph (A), the Secretary, in consulta-
23 tion with the Secretary of State, shall provide
24 notice to Congress not later than 30 days after

1 making the decision to withhold such assist-
2 ance.

3 **SEC. 1522. JOINT IMPROVISED-THREAT DEFEAT FUND.**

4 (a) USE AND TRANSFER OF FUNDS.—Subsections
5 (b) and (c) of section 1514 of the John Warner National
6 Defense Authorization Act for Fiscal Year 2007 (Public
7 Law 109-364; 120 Stat. 2439), as in effect before the
8 amendments made by section 1503 of the Duncan Hunter
9 National Defense Authorization Act for Fiscal Year 2009
10 (Public Law 110-417; 122 Stat. 4649), shall apply to the
11 funds made available for fiscal year 2018 to the Depart-
12 ment of Defense for the Joint Improvised-Threat Defeat
13 Fund.

14 (b) INTERDICTION OF IMPROVISED EXPLOSIVE DE-
15 VICE PRECURSOR CHEMICALS.—

16 (1) AVAILABILITY OF FUNDS.—Of the funds
17 made available to the Department of Defense for the
18 Joint Improvised-Threat Defeat Fund for fiscal year
19 2018, \$15,000,000 may be available to the Secretary
20 of Defense, with the concurrence of the Secretary of
21 State, to provide training, equipment, supplies, and
22 services to ministries and other entities of foreign
23 governments that the Secretary has identified as
24 critical for countering the flow of improvised explo-
25 sive device precursor chemicals.

1 (2) PROVISION THROUGH OTHER US AGEN-
2 CIES.—If jointly agreed upon by the Secretary of
3 Defense and the head of another department or
4 agency of the United States Government, the Sec-
5 retary of Defense may transfer funds available
6 under paragraph (1) to such department or agency
7 for the provision by such department or agency of
8 training, equipment, supplies, and services to min-
9 istries and other entities of foreign governments as
10 described in that paragraph.

11 (3) NOTICE TO CONGRESS.—None of the funds
12 made available pursuant to paragraph (1) may be
13 obligated or expended to supply training, equipment,
14 supplies, or services to a foreign country before the
15 date that is 15 days after the date on which the Sec-
16 retary of Defense, in coordination with the Secretary
17 of State, submits to the Committee on Armed Serv-
18 ices and the Committee on Foreign Relations of the
19 Senate and the Committee on Armed Services and
20 the Committee on Foreign Affairs of the House of
21 Representatives a notice that contains—

22 (A) the foreign country for which training,
23 equipment, supplies, or services are proposed to
24 be supplied;

1 (B) a description of the training, equip-
2 ment, supplies, and services to be provided
3 using such funds;

4 (C) a detailed description of the amount of
5 funds proposed to be obligated or expended to
6 supply such training, equipment, supplies or
7 services, including any funds proposed to be ob-
8 ligated or expended to support the participation
9 of another department or agency of the United
10 States and a description of the training, equip-
11 ment, supplies, or services proposed to be sup-
12 plied;

13 (D) an evaluation of the effectiveness of
14 the efforts of the foreign country identified
15 under subparagraph (A) to counter the flow of
16 improvised explosive device precursor chemicals;
17 and

18 (E) an overall plan for countering the flow
19 of precursor chemicals in the foreign country
20 identified under subparagraph (A).

21 (4) EXPIRATION.—The authority provided by
22 this subsection expires on December 31, 2018.

1 **SEC. 1523. SEPARATE ACCOUNT LINES FOR OVERSEAS CON-**
2 **TINGENCY OPERATIONS FUNDS.**

3 For accountability and transparency purposes, the
4 Director of the Office of Management and Budget and the
5 Secretary of Defense shall establish separate accounts to
6 ensure that amounts authorized to be appropriated pursu-
7 ant to this title are administered separately from amounts
8 otherwise authorized to be appropriated or made available
9 for the Department of Defense.

10 **SEC. 1524. GUIDELINES FOR BUDGET ITEMS TO BE COV-**
11 **ERED BY OVERSEAS CONTINGENCY OPER-**
12 **ATIONS ACCOUNTS.**

13 Not later than 180 days after the date of the enact-
14 ment of this Act, the Secretary of Defense, in consultation
15 with the Director of Management and Budget, shall up-
16 date the guidelines regarding the budget items that may
17 be covered by overseas contingency operations accounts.
18 Such revised guidelines shall be consistent with the rec-
19 ommendations included in Government Accountability Re-
20 port GAO-17-68 entitled “Overseas Contingency Oper-
21 ations: OMB and DOD Should Revise the Criteria for De-
22 termining Eligible Costs and Identify the Costs Likely to
23 Endure Long Term” published January 18, 2017.

1 **TITLE XVI—STRATEGIC PRO-**
2 **GRAMS, CYBER, AND INTEL-**
3 **LIGENCE MATTERS**

4 **Subtitle A—Management and**
5 **Organization of Space Programs**

6 **SEC. 1601. ESTABLISHMENT OF SPACE CORPS IN THE DE-**
7 **PARTMENT OF THE AIR FORCE.**

8 (a) CERTIFICATION.—Not later than January 1,
9 2019, the Secretary of the Air Force shall certify to the
10 congressional defense committees that the Space Corps
11 under chapter 809 of title 10, United States Code, as
12 added by subsection (b), is established.

13 (b) ESTABLISHMENT.—

14 (1) IN GENERAL.—Part I of subtitle D of title
15 10, United States Code, is amended by adding at
16 the end the following new chapter:

17 **“CHAPTER 809—SPACE CORPS**

“Subchapter	Sec.
“I. General Matters	8091
“II. Organization	8096

18 **“SUBCHAPTER I—GENERAL MATTERS**

- “Sec.
- “8091. Establishment.
- “8092. Authorities and Responsibilities.
- “8093. Research and development and procurement of satellites and terminals.
- “8094. Space functions of other elements of Department of Defense.

19 **“§ 8091. Establishment**

20 “(a) ESTABLISHMENT.—Not later than January 1,
21 2019, the Secretary of Defense shall establish in the exec-

1 utive part of the Department of the Air Force a Space
2 Corps. The function of the Space Corps shall be to assist
3 the Secretary of the Air Force in carrying out the duties
4 described in subsection (e).

5 “(b) COMPOSITION.—The Space Corps shall be com-
6 posed of the following:

7 “(1) The Chief of Staff of the Space Corps.

8 “(2) Such other offices and officials as may be
9 established by law or as the Secretary of the Air
10 Force, in consultation with the Chief of Staff of the
11 Space Corps, may establish or designate.

12 “(c) DUTIES.—Except as otherwise specifically pre-
13 scribed by law, the Space Corps shall be organized in such
14 manner, and the members of the Space Corps shall per-
15 form, such duties and have such titles, as the Secretary
16 may prescribe. Such duties shall include—

17 “(1) protecting the interests of the United
18 States in space;

19 “(2) deterring aggression in, from, and through
20 space;

21 “(3) providing combat-ready space forces that
22 enable the commanders of the combatant commands
23 to fight and win wars;

24 “(4) organizing, training, and equipping space
25 forces; and

1 “(5) conducting space operations of the Space
2 Corps under the command of the Commander of the
3 United States Space Command.

4 **“§ 8092. Authorities and responsibilities**

5 “(a) PROFESSIONAL ASSISTANCE.—The Chief of
6 Staff of the Space Corps shall furnish professional assist-
7 ance to the Secretary, the Under Secretary, and the As-
8 sistant Secretaries of the Air Force.

9 “(b) AUTHORITIES.—Under the authority, direction,
10 and control of the Secretary of the Air Force, the Chief
11 of Staff of the Space Corps, shall—

12 “(1) subject to subsections (c) and (d) of sec-
13 tion 8014 of this title, prepare for such employment
14 of the Space Corps, and for such recruiting, orga-
15 nizing, supplying, equipping (including research and
16 development), training, servicing, mobilizing, de-
17 mobilizing, administering, and maintaining of the
18 Space Corps, as will assist in the execution of any
19 power, duty, or function of the Secretary or the
20 Chief of Staff;

21 “(2) investigate and report upon the efficiency
22 of the Space Corps and its preparation to support
23 military operations by commanders of the combatant
24 commands;

1 “(3) prepare detailed instructions for the execu-
2 tion of approved plans and supervise the execution
3 of those plans and instructions;

4 “(4) as directed by the Secretary, coordinate
5 the action of organizations of the Space Corps; and

6 “(5) perform such other duties, not otherwise
7 assigned by law, as may be prescribed by the Sec-
8 retary.

9 “(c) FUNCTIONS.—To the extent practicable, the
10 Secretary shall provide to the Space Corps the functions
11 of the Department of the Air Force that may be feasibly
12 shared with the Space Corps, including with respect to the
13 United States Air Force Academy, recruitment, and basic
14 training.

15 **“§ 8093. Research and development and procurement**
16 **of satellites and terminals**

17 “(a) RESEARCH AND DEVELOPMENT.—The Sec-
18 retary of the Air Force shall serve as the primary agent
19 of the Department of Defense with respect to the research,
20 development, test, and evaluation of satellites and user
21 satellite terminals used by the Air Force, the Space Corps,
22 and the Defense Agencies (except as otherwise provided
23 by section 8094 of this title).

24 “(b) PROCUREMENT.—The Secretary shall serve as
25 the primary agent of the Department of Defense with re-

1 spect to the procurement of satellites and user satellite
2 terminals used by the military departments and the De-
3 fense Agencies (except as otherwise provided by section
4 8094 of this title).

5 “(c) MILESTONE DECISION AUTHORITY.—(1) Not-
6 withstanding any other provision of law, and except as
7 provided in paragraph (2), the Secretary shall serve as the
8 milestone decision authority (as defined in section 2366a
9 of this title) for major defense acquisition programs or
10 major subprograms relating to space.

11 “(2) The Secretary may not serve as the milestone
12 decision authority for the user satellite terminal programs
13 of—

14 “(A) the military departments other than the
15 Air Force and the Space Corps; and

16 “(B) the Defense Agencies specified in section
17 8094(c)(1) of this title.

18 “(d) REQUIREMENTS.—The Chief of Staff of the
19 Space Corps shall develop the requirements for the sat-
20 ellites and user satellite terminals for which the Secretary
21 has the authority for research, development, test, and eval-
22 uation, procurement, and milestone decisions pursuant to
23 this section.

1 **“§ 8094. Space functions of other elements of Depart-**
2 **ment of Defense**

3 “(a) MILITARY DEPARTMENTS.—Nothing in this
4 chapter shall affect the authority of each Secretary con-
5 cerned to—

6 “(1) carry out the research, development, test,
7 and evaluation of satellites and user satellite termi-
8 nals of the military department of the Secretary con-
9 cerned;

10 “(2) operate such terminals; and

11 “(3) develop requirements to ensure that the
12 space programs of the Department of Defense sup-
13 port the mission of the Secretary concerned.

14 “(b) CERTAIN DEFENSE AGENCIES.—Nothing in this
15 chapter shall affect the authority of each Director con-
16 cerned to—

17 “(1) carry out the research, development, test,
18 and evaluation and procurement of satellites and
19 user satellite terminals of the Defense Agency of the
20 Director concerned;

21 “(2) operate such terminals; and

22 “(3) develop requirements to ensure that the
23 space programs of the Department of Defense sup-
24 port the mission of the Director concerned.

25 “(c) DEFINITIONS.—In this section:

26 “(1) The term ‘Director concerned’ means—

1 “(A) the Director of the National Recon-
2 naissance Office, with respect to matters con-
3 cerning the National Reconnaissance Office;
4 and

5 “(B) the Director of the National
6 Geospatial-Intelligence Agency, with respect to
7 matters concerning the National Geospatial-In-
8 telligence Agency.

9 “(2) The term ‘Secretary concerned’ means—

10 “(A) the Secretary of the Army, with re-
11 spect to matters concerning the Army; and

12 “(B) the Secretary of the Navy, with re-
13 spect to matters concerning the Navy, the Ma-
14 rine Corps, and the Coast Guard when it is op-
15 erating as a service in the Department of the
16 Navy.

17 “SUBCHAPTER II—ORGANIZATION

“Sec.

“8096. Chief of Staff of the Space Corps.

18 **“§ 8096. Chief of Staff of the Space Corps**

19 “(a) APPOINTMENT.—(1) There shall be a Chief of
20 Staff of the Space Corps, appointed by the President, by
21 and with the advice and consent of the Senate. The Chief
22 of Staff shall serve at the pleasure of the President.

23 “(2) The Chief of Staff shall be appointed for a term
24 of six years. In time of war or during a national emergency

1 declared by Congress, the Chief of Staff may be re-
2 appointed for a term of not more than six years.

3 “(3)(A) The first Chief of Staff appointed after the
4 date of the enactment of this section shall be appointed
5 from the general officers of the Air Force. The President
6 may appoint the incumbent Commander of the Air Force
7 Space Command as the first such Chief of Staff without
8 regard to the requirement in paragraph (1) for the advice
9 and consent of the Senate.

10 “(B) Each subsequent Chief of Staff shall be ap-
11 pointed from the general officers of the Space Corps.

12 “(4) The President may appoint an officer as Chief
13 of Staff only if—

14 “(A) the officer has had significant experience
15 in joint duty assignments; and

16 “(B) such experience includes at least one full
17 tour of duty in a joint duty assignment (as defined
18 in section 664(d) of this title) as a general officer.

19 “(5) The President may waive paragraph (4) in the
20 case of an officer if the President determines such action
21 is necessary in the national interest.

22 “(b) GRADE.—The Chief of Staff of the Space Corps,
23 while so serving, has the grade of general without vacating
24 the permanent grade of the officer.

1 “(c) REPORTING.—Except as otherwise prescribed by
2 law and subject to section 8013(f) of this title, the Chief
3 of Staff of the Space Corps performs the duties of such
4 position under the authority, direction, and control of the
5 Secretary of the Air Force and is directly responsible to
6 the Secretary.

7 “(d) DUTIES.—Subject to the authority, direction,
8 and control of the Secretary of the Air Force, the Chief
9 of Staff of the Space Corps shall—

10 “(1) preside over the Space Corps;

11 “(2) transmit the plans and recommendations
12 of the Space Corps to the Secretary and advise the
13 Secretary with regard to such plans and rec-
14 ommendations;

15 “(3) after approval of the plans or rec-
16 ommendations of the Space Corps by the Secretary,
17 act as the agent of the Secretary in carrying them
18 into effect;

19 “(4) exercise supervision, consistent with the
20 authority assigned to commanders of unified or spec-
21 ified combatant commands under chapter 6 of this
22 title, over such of the members and organizations of
23 the Space Corps and the Air Force as the Secretary
24 determines;

1 “(5) perform the duties prescribed for the Chief
2 of Staff by sections 171 and 2547 of this title and
3 other provisions of law; and

4 “(6) perform such other military duties, not
5 otherwise assigned by law, as are assigned to the
6 Chief of Staff by the President, the Secretary of De-
7 fense, or the Secretary of the Air Force.

8 “(e) JOINT CHIEFS OF STAFF.—(1) The Chief of
9 Staff of the Space Corps shall also perform the duties pre-
10 scribed for the Chief of Staff as a member of the Joint
11 Chiefs of Staff under section 151 of this title.

12 “(2) To the extent that such action does not impair
13 the independence of the Chief of Staff in the performance
14 of the duties of the Chief of Staff as a member of the
15 Joint Chiefs of Staff, the Chief of Staff shall inform the
16 Secretary regarding military advice rendered by members
17 of the Joint Chiefs of Staff on matters affecting the De-
18 partment of the Air Force.

19 “(3) Subject to the authority, direction, and control
20 of the Secretary of Defense, the Chief of Staff shall keep
21 the Secretary of the Air Force fully informed of significant
22 military operations affecting the duties and responsibilities
23 of the Secretary.”.

24 (2) CLERICAL AMENDMENTS.—The table of
25 chapters at the beginning of subtitle D of title 10,

1 United States Code, and at the beginning of part I
 2 of such subtitle, are each amended by inserting after
 3 the item relating to chapter 807 the following new
 4 item:

“809. Space Corps 8091.”.

5 (c) JOINT CHIEFS OF STAFF.—Chapter 5 of title 10,
 6 United States Code, is amended as follows:

7 (1) In section 151(a), by adding at the end the
 8 following new paragraph:

9 “(8) The Chief of Staff of the Space Corps.”.

10 (2) In section 152(b)(1)(B), by striking “or the
 11 Commandant of the Marine Corps” and inserting
 12 “the Commandant of the Marine Corps, or the Chief
 13 of Staff of the Space Corps”.

14 (d) ARMED FORCES POLICY COUNCIL.—Section 171
 15 of title 10, United States Code, is amended—

16 (1) in paragraph (12), by striking “; and”;

17 (2) in paragraph (13), by striking the period at
 18 the end and inserting “; and”; and

19 (3) by adding at the end the following new
 20 paragraph:

21 “(14) the Chief of Staff of the Space Corps.”.

22 (e) CHIEF OF SERVICE.—Section 1406(i)(3)(A) of
 23 title 10, United States Code, is amended by adding at the
 24 end the following new clause:

1 “(vi) Chief of Staff of the Space
2 Corps.”.

3 (f) ACQUISITION-RELATED FUNCTIONS OF CHIEFS
4 OF THE ARMED FORCES.—Section 2547(a) of title 10,
5 United States Code, is amended by striking “and the
6 Commandant of the Marine Corps” and inserting “the
7 Commandant of the Marine Corps, and the Chief of Staff
8 of the Space Corps”.

9 (g) SUCCESSORS TO DUTIES.—Section 8017 of title
10 10, United States Code, is amended by striking paragraph
11 (4) and inserting the following:

12 “(4) The Chief of Staff of the Air Force.

13 “(5) The Chief of Staff of the Space Corps.”.

14 (h) TERMINATION OF PRINCIPAL DEPARTMENT OF
15 DEFENSE SPACE ADVISOR AND DEFENSE SPACE COUN-
16 CIL.—Effective on the date on which the Space Corps is
17 established under section 8091 of title 10, United States
18 Code, as added by subsection (a)(1)—

19 (1) the position, and the office of, the Principal
20 Department of Defense Space Advisor (previously
21 known as the Department of Defense Executive
22 Agent for Space) shall be terminated;

23 (2) the personnel of such office shall be trans-
24 ferred to the Air Force and to the Space Corps, as
25 determined appropriate by the Secretary of Defense;

1 (3) any reference in Federal law, regulations,
2 guidance, instructions, or other documents of the
3 Federal Government to the Principal Department of
4 Defense Space Advisor or the Department of De-
5 fense Executive Agent for Space shall be deemed to
6 be a reference to the Secretary of the Air Force or
7 the Chief of Staff of the Space Corps, as appro-
8 priate; and

9 (4) the Defense Space Council shall be termi-
10 nated.

11 (i) MILITARY INSTALLATIONS.—Nothing in this sec-
12 tion, or the amendments made by this section, shall be
13 construed to authorize or require the relocation of any fa-
14 cility, infrastructure, or military installation of the Air
15 Force.

16 (j) REPORTS.—

17 (1) INTERIM REPORT.—Not later than March
18 1, 2018, the Secretary of Defense shall submit to
19 the congressional defense committees an interim re-
20 port on the Space Corps established under chapter
21 809 of title 10, United States Code, as added by
22 subsection (a)(1), that includes—

23 (A) a review of the organizational and
24 management structure of the Space Corps; and

1 (B) recommendations for the modification
2 and improvement of such organizational and
3 management structure.

4 (2) FINAL REPORT.—Not later than August 1,
5 2018, the Secretary of Defense shall submit to the
6 congressional defense committees a final report on
7 the Space Corps that includes—

8 (A) an update of the review and rec-
9 ommendations described in paragraph (1), in-
10 cluding recommendations for any necessary re-
11 visions to appointments and qualifications, du-
12 ties and powers, and precedent in the Depart-
13 ment of Defense;

14 (B) recommendations for the appropriate
15 sharing of functions between the Air Force and
16 the Space Corps, including functions with re-
17 spect to personnel matters and uniforms;

18 (C) a plan for implementing the rec-
19 ommendations described in subparagraphs (A)
20 and (B), which shall include proposed legislative
21 and administrative actions, including con-
22 forming and other amendments to law, that the
23 Secretary determines to be appropriate for car-
24 rying out such plan;

1 (D) the estimated number of general offi-
2 cers of the Space Corps, including an identifica-
3 tion of the current positions of such general of-
4 ficers that will be transferred to the Space
5 Corps and whether the Secretary determines it
6 necessary for the number of general officers au-
7 thorized in chapter 32 of title 10, United States
8 Code, to be increased; and

9 (E) any other matters that the Secretary
10 determines to be appropriate.

11 **SEC. 1602. ESTABLISHMENT OF SUBORDINATE UNIFIED**
12 **COMMAND OF THE UNITED STATES STRA-**
13 **TEGIC COMMAND.**

14 (a) SUBORDINATE UNIFIED COMMAND.—Not later
15 than January 1, 2019, the Secretary of Defense shall es-
16 tablish a subordinate unified command to be known as the
17 United States Space Command under the United States
18 Strategic Command.

19 (b) COMMANDER.—The Commander of the United
20 States Space Command shall hold the grade of general
21 or, in the case of an officer of the Navy, admiral while
22 serving in that position, without vacating the permanent
23 grade of the officer. The Commander shall be appointed
24 to that grade by the President, by and with the advice
25 and consent of the Senate, for service in that position.

1 (c) COMMAND OF JOINT SPACE ACTIVITY OR MIS-
2 SIONS.—Unless otherwise directed by the President or the
3 Secretary of Defense, the Commander of the United
4 States Space Command shall exercise command of joint
5 space activities or missions.

6 (d) JOINTLY STAFFED.—The United States Space
7 Command shall be jointly staffed.

8 **Subtitle B—Space Activities**

9 **SEC. 1611. CODIFICATION, EXTENSION, AND MODIFICATION** 10 **OF LIMITATION ON CONSTRUCTION ON** 11 **UNITED STATES TERRITORY OF SATELLITE** 12 **POSITIONING GROUND MONITORING STA-** 13 **TIONS OF FOREIGN GOVERNMENTS.**

14 (a) CODIFICATION, EXTENSION, AND MODIFICA-
15 TION.—Chapter 135 of title 10, United States Code, is
16 amended by adding at the end the following new section:

17 **“§ 2279c. Limitation on construction on United States**
18 **territory of satellite positioning ground**
19 **monitoring stations of certain foreign**
20 **governments.**

21 “(b) EXCEPTION.—The limitation in subsection (a)
22 shall not apply to foreign governments that are allies of
23 the United States.

24 “(c) SUNSET.—The limitation in subsection (a) shall
25 terminate on December 31, 2023.”.

1 (b) TRANSFER OF PROVISION.—Subsection (b) of
2 section 1602 of the National Defense Authorization Act
3 for Fiscal Year 2014 (Public Law 113–66; 10 U.S.C.
4 2281 note) is—

5 (1) transferred to section 2279c of title 10,
6 United States Code, as added by subsection (a);

7 (2) inserted as the first subsection of such sec-
8 tion;

9 (3) redesignated as subsection (a); and

10 (4) amended—

11 (A) by amending the subsection heading to
12 read as follows: “LIMITATION”; and

13 (B) by striking paragraph (6).

14 **SEC. 1612. FOREIGN COMMERCIAL SATELLITE SERVICES:**
15 **CYBERSECURITY THREATS AND LAUNCHES.**

16 (a) CYBERSECURITY RISKS.—Subsection (a) of sec-
17 tion 2279 of title 10, United States Code, is amended—

18 (1) in paragraph (1), by striking “; or” and in-
19 serting a semicolon;

20 (2) in paragraph (2), by striking the period at
21 the end and inserting: “; or”; and

22 (3) by adding at the end the following new
23 paragraph:

24 “(3) entering into such contract would create a
25 cybersecurity risk for the Department of Defense.”.

1 (b) LAUNCHES.—

2 (1) IN GENERAL.—Such section is amended—

3 (A) by redesignating subsections (b)
4 through (e) as subsections (c) through (f), re-
5 spectively; and

6 (B) by inserting after subsection (a) the
7 following new subsection (b):

8 “(b) LAUNCHES AND MANUFACTURERS.—

9 “(1) LIMITATION.—In addition to the prohibi-
10 tion in subsection (a), and except as provided in sub-
11 section (c), the Secretary may not enter into a con-
12 tract for satellite services with any entity if the Sec-
13 retary reasonably believes that such satellite services
14 will be provided using satellites that will be—

15 “(A) designed or manufactured in a cov-
16 ered foreign country, or by an entity controlled
17 in whole or in part by, or acting on behalf of,
18 the government of a covered foreign country; or

19 “(B) launched using a launch vehicle that
20 is designed or manufactured in a covered for-
21 eign country, or that is provided by the govern-
22 ment of a covered foreign country or by an enti-
23 ty controlled in whole or in part by, or acting
24 on behalf of, the government of a covered for-
25 eign country, regardless of the location of the

1 launch (unless such location is in the United
2 States).

3 “(2) UNITED STATES LAUNCHES.—The limita-
4 tion in paragraph (1) shall not—

5 “(A) apply to launches in the United
6 States using launch vehicles with engines de-
7 signed or manufactured in or provided by any
8 entity of the Russian Federation; or

9 “(B) affect any other provision of law au-
10 thORIZING the use of Russian rocket engines
11 within a United States launch vehicle.

12 “(3) LAUNCH VEHICLE DEFINED.—In this sub-
13 section, the term ‘launch vehicle’ means a fully inte-
14 grated space launch vehicle.”.

15 (2) EXCEPTION.—The prohibition in subsection
16 (b) of section 2279 of title 10, United States Code,
17 as added by paragraph (1), shall not apply with re-
18 spect to—

19 (A) a launch that occurred prior to the
20 date that is six months after the date of the en-
21 actment of this Act; or

22 (B) a contract or other agreement relating
23 to launch services that, prior to the date that
24 is six months after the date of the enactment
25 of this Act, was either fully paid for by the con-

1 tractor or covered by a legally binding commit-
2 ment of the contractor to pay for such services.

3 (c) DEFINITIONS.—Subsection (f) of section 2279 of
4 title 10, United States Code, as redesignated by subsection
5 (b)(1)(A), is amended to read as follows:

6 “(f) DEFINITIONS.—In this section:

7 “(1) The term ‘covered foreign country’ means
8 any of the following:

9 “(A) A country described in section
10 1261(c)(2) of the National Defense Authoriza-
11 tion Act for Fiscal Year 2013 (Public Law
12 112–239; 126 Stat. 2019).

13 “(B) The Russian Federation.

14 “(2) The term ‘cybersecurity risk’ means
15 threats to and vulnerabilities of information or infor-
16 mation systems and any related consequences caused
17 by or resulting from unauthorized access, use, disclo-
18 sure, degradation, disruption, modification, or de-
19 struction of such information or information sys-
20 tems, including such related consequences caused by
21 an act of terrorism.”.

22 (d) CONFORMING AND CLERICAL AMENDMENTS.—

23 (1) CONFORMING AMENDMENTS.—Such section
24 2279 is further amended—

1 (A) in the section heading, by striking
2 “services” and inserting “**services and for-**
3 **eign launches**”;

4 (B) by striking “subsection (b)” each place
5 it appears and inserting “subsection (c)”;

6 (C) in subsection (a)(2), by striking
7 “launch or other”;

8 (D) in subsection (c), as redesignated by
9 subsection (b)(1), by striking “prohibition in
10 subsection (a)” and inserting “prohibitions in
11 subsection (a) and (b)”;

12 (E) in subsection (d), as so redesignated,
13 by striking “prohibition under subsection (a)”
14 and inserting “prohibition under subsection (a)
15 or (b)”.

16 (2) CLERICAL AMENDMENT.—The table of sec-
17 tions at the beginning of chapter 135 of title 10,
18 United States Code, is amended by striking the item
19 relating to section 2279 and inserting the following:

“2279. Foreign commercial satellite services and foreign launches.”.

20 (e) APPLICATION.—Except as provided by subsection
21 (b)(2), the amendments made by this section shall apply
22 with respect to contracts for satellite services awarded by
23 the Secretary of Defense on or after the date of the enact-
24 ment of this Act.

1 **SEC. 1613. EXTENSION OF PILOT PROGRAM ON COMMER-**
2 **CIAL WEATHER DATA.**

3 Section 1613 of the National Defense Authorization
4 Act for Fiscal Year 2017 (Public Law 114–328) is amend-
5 ed—

6 (1) in subsection (b), by striking “one year”
7 and inserting “two years”;

8 (2) in subsection (c)—

9 (A) by striking “Committees on Armed
10 Services of the House of Representatives and
11 the Senate” each place it appears and inserting
12 “appropriate congressional committees”; and

13 (B) by adding at the end the following new
14 paragraph:

15 “(3) APPROPRIATE CONGRESSIONAL COMMIT-
16 TEES DEFINED.—In this subsection, the term ‘ap-
17 propriate congressional committees’ means—

18 “(A) the Committees on Armed Services of
19 the Senate and the House of Representatives;
20 and

21 “(B) the Select Committee on Intelligence
22 of the Senate and the Permanent Select Com-
23 mittee on Intelligence of the House of Rep-
24 resentatives.”.

1 **SEC. 1614. CONDITIONAL TRANSFER OF ACQUISITION AND**
2 **FUNDING AUTHORITY OF CERTAIN WEATHER**
3 **MISSIONS TO NATIONAL RECONNAISSANCE**
4 **OFFICE.**

5 Section 1614 of the National Defense Authorization
6 Act for Fiscal Year 2017 (Public Law 114–328) is amend-
7 ed—

8 (1) by redesignating subsection (d) as sub-
9 section (e); and

10 (2) by inserting after subsection (c) the fol-
11 lowing new subsection (d):

12 “(d) IMPLEMENTATION OF PLANS.—The Secretary
13 of the Air Force shall implement the plan developed under
14 paragraph (1) of subsection (b), and the Director of the
15 National Reconnaissance Office shall implement the plan
16 developed under paragraph (2) of such subsection, unless
17 the Secretary and the Director each make a waiver under
18 subsection (e).”.

19 **SEC. 1615. EVOLVED EXPENDABLE LAUNCH VEHICLE MOD-**
20 **ERNIZATION AND SUSTAINMENT OF ASSURED**
21 **ACCESS TO SPACE.**

22 (a) DEVELOPMENT.—

23 (1) EVOLVED EXPENDABLE LAUNCH VEHI-
24 CLE.—Using funds described in paragraph (3), the
25 Secretary of Defense may only obligate or expend

1 funds to carry out the evolved expendable launch ve-
2 hicle program to—

3 (A) develop a domestic rocket propulsion
4 system to replace non-allied space launch en-
5 gines;

6 (B) develop the necessary interfaces to, or
7 integration of, such domestic rocket propulsion
8 system with an existing or new launch vehicle;

9 (C) develop capabilities necessary to enable
10 commercially available space launch vehicles or
11 infrastructure to meet any requirements that
12 are unique to national security space missions
13 to meet the assured access to space require-
14 ments pursuant to section 2273 of title 10,
15 United States Code, with respect to only—

16 (i) modifications to such vehicles re-
17 quired for national security space missions,
18 including—

19 (I) certification and compliance
20 of such vehicles for use in national se-
21 curity space missions;

22 (II) fairings necessary for the
23 launch of national security space pay-
24 loads to orbit; and

- 1 (III) other upgrades to meet per-
2 formance, reliability, and orbital re-
3 quirements that cannot otherwise be
4 met through the use of commercially
5 available launch vehicles; and
- 6 (ii) the development of infrastructure
7 unique to national security space missions,
8 such as infrastructure for the use of heavy
9 launch vehicles, including—
- 10 (I) facilities and equipment for
11 the vertical integration of payloads;
- 12 (II) secure facilities for the proc-
13 essing of classified payloads; and
- 14 (III) other facilities and equip-
15 ment, including ground systems and
16 expanded capabilities, unique to na-
17 tional security space launches and the
18 launch of national security payloads;
- 19 (D) conduct activities to modernize and
20 improve existing certified launch vehicles, or ex-
21 isting launch vehicles previously contracted for
22 use by the Air Force, including restarting a
23 dormant supply chain, and infrastructure to in-
24 crease the cost effectiveness of the launch sys-
25 tem;

1 (E) certify new, modified, or existing
2 launch vehicle systems; or

3 (F) develop, design, and integrate parts for
4 new launch vehicle systems to the extent such
5 parts are developed primarily for national secu-
6 rity use.

7 (2) PROHIBITION.—Except as provided in this
8 section, none of the funds described in paragraph
9 (3) shall be obligated or expended for the evolved ex-
10 pendable launch vehicle program, including the de-
11 velopment of new launch vehicles under such pro-
12 gram.

13 (3) FUNDS DESCRIBED.—The funds described
14 in this paragraph are the funds authorized to be ap-
15 propriated by this Act or otherwise made available
16 for fiscal year 2018 for research, development, test,
17 and evaluation, Air Force, for the evolved expend-
18 able launch vehicle program.

19 (b) OTHER AUTHORITIES.—Nothing in this section
20 shall affect or prohibit the Secretary from procuring
21 launch services of evolved expendable launch vehicle
22 launch systems, including with respect to any associated
23 operation and maintenance of capabilities and infrastruc-
24 ture relating to such systems.

1 (c) NOTIFICATION.—Not later than 30 days before
2 any date on which the Secretary publishes a draft or final
3 request for proposals, or obligates funds, for the develop-
4 ment under subsection (a)(1), the Secretary shall notify
5 the congressional defense committees of such proposed
6 draft or final request for proposals or proposed obligation,
7 as the case may be. If such proposed draft or final request
8 for proposals or proposed obligation relates to intelligence
9 requirements, the Secretary shall also notify the Perma-
10 nent Select Committee on Intelligence of the House of
11 Representatives and the Select Committee on Intelligence
12 of the Senate.

13 (d) ASSESSMENT.—Not later than 120 days after the
14 date of the enactment of this Act, the Secretary, in coordi-
15 nation with the Director of Cost Assessment and Program
16 Evaluation, shall submit to the congressional defense com-
17 mittees, the Permanent Select Committee on Intelligence
18 of the House of Representatives, and the Select Committee
19 on Intelligence of the Senate a report containing an as-
20 sessment of the most cost-effective method to meet the as-
21 sured access to space requirements pursuant to section
22 2273 of title 10, United States Code, with respect to each
23 of the following periods:

24 (1) The five-year period beginning on the date
25 of the report.

1 (2) The 10-year period beginning on the date of
2 the report.

3 (3) The period consisting of the full lifecycle of
4 the evolved expendable launch vehicle program.

5 (e) ROCKET PROPULSION SYSTEM DEFINED.—In
6 this section, the term “rocket propulsion system” means,
7 with respect to the development authorized by subsection
8 (a)(1), a main booster, first-stage rocket engine (including
9 such an engine using kerosene or methane-based or other
10 propellant) or motor. The term does not include a launch
11 vehicle, an upper stage, a strap-on motor, or related infra-
12 structure.

13 **SEC. 1616. COMMERCIAL SATELLITE COMMUNICATIONS**
14 **PATHFINDER PROGRAM.**

15 (a) SENSE OF CONGRESS.—It is the Sense of Con-
16 gress that the Secretary of the Air Force should—

17 (1) use the acquisition authority under the
18 pathfinder program to acquire, from commercial
19 providers, satellite bandwidth, ground services, and
20 advanced services; and

21 (2) use the transaction authority provided by
22 section 2371 of title 10, United States Code, to
23 make a portion of such acquisitions.

24 (b) REPORT.—Not later than March 1, 2018, the
25 Secretary of the Air Force shall submit to the Committees

1 on Armed Services of the Senate and the House of Rep-
2 resentatives a report that includes the views and plans of
3 the Secretary with respect to making a portion of the ac-
4 quisitions described in subsection (a)(1) using the trans-
5 action authority provided by section 2371 of title 10,
6 United States Code.

7 (c) DEFINITION.—In this section, the term “path-
8 finder program” means the commercial satellite commu-
9 nications programs of the Air Force designed to dem-
10 onstrate the feasibility of new, alternative acquisition and
11 procurement models for commercial satellite communica-
12 tions.

13 **SEC. 1617. DEMONSTRATION OF BACKUP AND COMPLEMEN-**
14 **TARY POSITIONING, NAVIGATION, AND TIM-**
15 **ING CAPABILITIES OF GLOBAL POSITIONING**
16 **SYSTEM.**

17 (a) PLAN.—During fiscal year 2018, the Secretary
18 of Defense, the Secretary of Transportation, and the Sec-
19 retary of Homeland Security (referred to in this section
20 as the “Secretaries”) shall jointly develop a plan for car-
21 rying out a backup GPS capability demonstration. The
22 plan shall—

23 (1) be based on the results of the study con-
24 ducted under section 1618 of the National Defense

1 Authorization Act for Fiscal Year 2017 (Public Law
2 114–328; 130 Stat. 2595); and

3 (2) include the activities that the Secretaries
4 determine necessary to carry out such demonstra-
5 tion.

6 (b) BRIEFING.—Not later than 120 days after the
7 date of the enactment of this Act, the Secretaries shall
8 provide to the appropriate congressional committees a
9 briefing on the plan developed under subsection (a). The
10 briefing shall include—

11 (1) identification of the sectors that would be
12 expected to participate in the backup GPS capability
13 demonstration described in the plan;

14 (2) an estimate of the costs of implementing the
15 demonstration in each sector identified in paragraph
16 (1); and

17 (3) an explanation of the extent to which the
18 demonstration may be carried out with the funds ap-
19 propriated for such purpose.

20 (c) IMPLEMENTATION.—

21 (1) IN GENERAL.—Subject to the availability of
22 appropriations and beginning not earlier than the
23 day after the date on which the briefing is provided
24 under subsection (b), the Secretaries shall jointly

1 initiate the backup GPS capability demonstration to
2 the extent described under subsection (b)(3).

3 (2) TERMINATION.—The authority to carry out
4 the backup GPS capability demonstration under
5 paragraph (1) shall terminate on the date that is 18
6 months after the date of the enactment of this Act.

7 (d) REPORT.—Not later than 18 months after the
8 date of the enactment of this Act, the Secretaries shall
9 submit to the appropriate congressional committees a re-
10 port on the backup GPS capability demonstration carried
11 out under subsection (c) that includes—

12 (1) a description of the opportunities and chal-
13 lenges learned from such demonstration; and

14 (2) a description of the next actions the Secre-
15 taries determine appropriate to backup and com-
16 plement the positioning, navigation, and timing ca-
17 pabilities of the Global Positioning System for na-
18 tional security and critical infrastructure, including,
19 at a minimum, the timeline and funding required to
20 issue a request for proposals for such capabilities.

21 (e) AUTHORIZATION OF APPROPRIATIONS.—There is
22 authorized to be appropriated to carry out this section for
23 fiscal year 2018 not more than \$10,000,000 for the De-
24 partment of Defense, as specified in the funding tables
25 in division D.

1 (f) DEFINITIONS.—In this section:

2 (1) The term “appropriate congressional com-
3 mittees” means—

4 (A) the congressional defense committees;

5 (B) the Committee on Science, Space, and
6 Technology, the Committee on Transportation
7 and Infrastructure, and the Committee on
8 Homeland Security of the House of Representa-
9 tives; and

10 (C) the Committee on Commerce, Science,
11 and Transportation and the Committee on
12 Homeland Security and Governmental Affairs
13 of the Senate.

14 (2) The term “backup GPS capability dem-
15 onstration” means a proof-of-concept demonstration
16 of capabilities to backup and complement the posi-
17 tioning, navigation, and timing capabilities of the
18 Global Positioning System for national security and
19 critical infrastructure.

20 **SEC. 1618. ENHANCEMENT OF POSITIONING, NAVIGATION,**
21 **AND TIMING CAPACITY.**

22 (a) PLAN.—The Secretary of Defense shall develop
23 and implement a plan to increase the positioning, naviga-
24 tion, and timing capacity of the Department of Defense

1 to provide resilience to the positioning, navigation, and
2 timing capabilities of the Department. Such plan shall—

3 (1) ensure that military Global Positioning Sys-
4 tem user equipment terminals have the capability to
5 receive signals from the Galileo satellites of the Eu-
6 ropean Union and the QZSS satellites of Japan, be-
7 ginning with increment 2 of the acquisition of such
8 terminals;

9 (2) include an assessment of the feasibility,
10 benefits, and risks of military Global Positioning
11 System user equipment terminals having the capa-
12 bility to receive foreign positioning, navigation, and
13 timing signals (with respect to such signals de-
14 scribed in the classified annex accompanying this
15 Act), beginning with increment 2 of the acquisition
16 of such terminals;

17 (3) include an assessment of options to use
18 hosted payloads to provide redundancy for the Glob-
19 al Positioning System signal;

20 (4) ensure that the Secretary, with the concur-
21 rence of the Secretary of State, engages with rel-
22 evant allies of the United States to—

23 (A) enable military Global Positioning Sys-
24 tem user equipment terminals to receive the po-

1 sitioning, navigation, and timing signals of such
2 allies; and

3 (B) negotiate other potential agreements
4 relating to the enhancement of positioning,
5 navigation, and timing;

6 (5) include any other options the Secretary of
7 Defense determines appropriate; and

8 (6) include an evaluation by the Director of Na-
9 tional Intelligence of the benefits and risks, if any,
10 of using foreign positioning, navigation, and timing
11 signals.

12 (b) SUBMISSION.—Not later than 180 days after the
13 date of the enactment of this Act, the Secretary shall—

14 (1) submit to the congressional defense commit-
15 tees, the Committee on Foreign Affairs of the House
16 of Representatives, and the Committee on Foreign
17 Relations of the Senate the plan under subsection
18 (a); and

19 (2) submit to the Permanent Select Committee
20 on Intelligence of the House of Representatives and
21 the Select Committee on Intelligence of the Senate
22 the evaluation described in paragraph (6) of such
23 subsection.

1 **SEC. 1619. ESTABLISHMENT OF SPACE FLAG TRAINING**
2 **EVENT.**

3 (a) ESTABLISHMENT.—Not later than December 31,
4 2020, the Secretary of Defense shall establish an annual
5 capstone training event titled “Space Flag” for space pro-
6 fessionals to—

7 (1) develop and test doctrine, concepts of oper-
8 ation, and tactics, techniques, and procedures, for—

9 (A) protecting and defending assets and
10 interests of the United States through the spec-
11 trum of space control activities;

12 (B) operating in the event of degradation
13 or loss of space capabilities;

14 (C) conducting space operations in a con-
15 flict that extends to space;

16 (D) deterring conflict in space; and

17 (E) other areas the Secretary determines
18 necessary; and

19 (2) inform and develop the appropriate design
20 of the operational training infrastructure of the
21 space domain, including with respect to appropriate
22 and dedicated ranges, threat replication, test com-
23 munity support, advanced space training require-
24 ments, training simulators, and multi-domain force
25 packaging.

1 (b) TRAINING.—In establishing the Space Flag train-
2 ing event under subsection (a), the Secretary shall—

3 (1) model the training event on the Red Flag
4 and Cyber Flag exercises; and

5 (2) ensure that Space Flag includes live, vir-
6 tual, and constructive training and on-orbit threat
7 replication, as appropriate.

8 (c) PLAN.—Not later than one year after the date
9 of the enactment of this Act, the Secretary, in coordina-
10 tion with the Commander of the Air Force Space Com-
11 mand, the Commander of the Army Space and Missile De-
12 fense Command, and the Commander of the Navy Space
13 and Naval Warfare Systems Command, shall submit to
14 the congressional defense committees a plan to establish
15 the Space Flag training under subsection (a), including
16 a description of each objective of the training.

17 **SEC. 1620. REPORT ON OPERATIONAL AND CONTINGENCY**
18 **PLANS FOR LOSS OR DEGRADATION OF**
19 **SPACE CAPABILITIES.**

20 (a) REPORT.—Not later than 180 days after the date
21 of the enactment of this Act, the Secretary of Defense and
22 the Chairman of the Joint Chiefs of Staff, in coordination
23 with each commander of a combatant command, shall
24 jointly submit to the appropriate congressional committees
25 a report evaluating all operational and contingency plans

1 to assess the implications for mission performance in the
2 event of a loss or degradation of space capabilities of the
3 United States (including with respect to space control) ei-
4 ther through the loss or degradation of on-orbit assets or
5 through the disabling of ground components.

6 (b) MATTERS INCLUDED.—The report under sub-
7 section (a) shall address and describe the extent to which
8 the operational and contingency plans described in such
9 subsection—

10 (1) depend upon space capabilities to achieve
11 successful execution;

12 (2) account for the loss or degradation of space
13 capabilities;

14 (3) appropriately reflect intelligence concerning
15 current and projected adversary counter-space capa-
16 bilities and vulnerabilities of the space systems of
17 the United States;

18 (4) include measures to mitigate any loss or
19 degradation of space capabilities;

20 (5) include specific guidance for the short- and
21 long-term loss or disruption of space capabilities;

22 (6) include specific guidance for the period in
23 which there is a total loss of space capabilities before
24 replacement assets are able to be brought online and
25 operational; and

1 (7) assess the extent to which adversaries rely
2 on space, including the potential effects of a short
3 or long term loss of, or disruption to, the space ca-
4 pabilities of such adversaries.

5 (c) DEFINITIONS.—In this section:

6 (1) The term “appropriate congressional com-
7 mittees” means the following:

8 (A) With respect to the full report under
9 subsection (a), the Committees on Armed Serv-
10 ices of the House of Representatives and the
11 Senate.

12 (B) With respect to the matters in the re-
13 port described in subsection (b)(3), and for any
14 other matters in the report relating to the limi-
15 tations, impacts, and vulnerabilities of the capa-
16 bilities and systems of the intelligence commu-
17 nity, the Permanent Select Committee on Intel-
18 ligence of the House of Representatives and the
19 Select Committee on Intelligence of the Senate.

20 (2) The term “intelligence community” has the
21 meaning given that term in section 3(4) of the Na-
22 tional Security Act of 1947 (50 U.S.C. 3003(4)).

1 **SEC. 1621. LIMITATION ON AVAILABILITY OF FUNDING FOR**
2 **JOINT SPACE OPERATIONS CENTER MISSION**
3 **SYSTEM.**

4 (a) **LIMITATION.**—Of the funds authorized to be ap-
5 propriated by this Act or otherwise made available for fis-
6 cal year 2018 for the Joint Space Operations Center mis-
7 sion system, not more than 75 percent may be obligated
8 or expended until the date on which the Secretary of the
9 Air Force certifies to the congressional defense committees
10 that the Secretary has developed the plan under sub-
11 section (b).

12 (b) **PLAN.**—The Secretary shall develop and imple-
13 ment a plan to operationalize existing commercial space
14 situational awareness capabilities to address warfighter re-
15 quirements, consistent with the best-in-breed concept. The
16 Secretary shall commence such implementation by not
17 later than March 30, 2018.

18 **SEC. 1622. LIMITATION ON AVAILABILITY OF FUNDS RELAT-**
19 **ING TO ADVANCED EXTREMELY HIGH FRE-**
20 **QUENCY PROGRAM.**

21 (a) **LIMITATION.**—None of the funds authorized to
22 be appropriated by this Act or otherwise made available
23 for fiscal year 2018 for research, development, test, and
24 evaluation, Air Force, for protected tactical enterprise
25 (PE 1206760F), protected tactical service (PE
26 1206761F), or protected satellite communication services

1 (PE 1206855F) for the Evolved Strategic SATCOM
2 (EES) system, may be obligated or expended on a final
3 request for proposals, other than evolution of the AEHF
4 program of record until the date on which the reports re-
5 quired under subsection (b) are submitted to the congres-
6 sional defense committees.

7 (b) ASSESSMENTS AND CERTIFICATIONS.—

8 (1) The Commanders of STRATCOM and
9 NORTHCOM jointly certifies a protected satcom
10 system other than the AEHF program of record or
11 an evolution of the same will meet all applicable re-
12 quirements for Nuclear Command and Control and
13 continuity of government, and all other functions re-
14 lated to protected communications of the National
15 Command Authority and the Combatant Commands,
16 to include operational forces in a peer-near-peer
17 jamming environment;

18 (2) The Chairman of the Joint Chiefs of Staff
19 submits the validated military requirement for resil-
20 ience and mission assurance, and the criteria to
21 measure and evaluate the same, of each and any al-
22 ternative to an evolved advanced extremely high fre-
23 quency program; how each alternative affects deter-
24 rence and full spectrum warfighting, warfighter re-
25 quirements and relative costs, including with respect

1 to ground station and user terminals; the assessed
2 order of battle of adversaries; and the required capa-
3 bilities of the broader space security and defense en-
4 terprise;

5 (3) The Secretary of the Air Force submits a
6 detailed plan for the ground control system and all
7 user terminals developed and acquired by the Air
8 Force will be synchronized through development and
9 deployment to meet all applicable requirements for
10 Nuclear Command and Control and continuity of
11 government, and other functions related to protected
12 communications of the National Command Authority
13 and the Combatant Commands; and

14 (4) The Chairmen of the Joint Chiefs of Staff
15 completes an assessment concerning the impact of
16 developing and fielding all the waveforms and termi-
17 nals required to utilize the proposed alternative sys-
18 tems to the AEHF program of record or an evo-
19 lution of the same.

20 (c) EXCEPTION.—The limitation in paragraph (a)
21 shall not apply to efforts to examine and develop tech-
22 nology insertion opportunities for the satellite communica-
23 tions programs of record.

24 (d) RULE OF CONSTRUCTION.—Nothing in this sec-
25 tion may be construed as delaying the request for pro-

1 posals for the Enhanced Advanced Extremely High Fre-
2 quency (E-AEHF) program.

3 **SEC. 1623. COORDINATING EFFORTS TO PREPARE FOR**
4 **SPACE WEATHER EVENTS.**

5 The Secretary of Defense shall ensure the timely pro-
6 vision of operational space weather observations, analyses,
7 forecasts, and other products to support the mission of
8 the Department of Defense and coalition partners, includ-
9 ing the provision of alerts and warnings for space weather
10 phenomena that may affect weapons systems, military op-
11 erations, or the defense of the United States.

12 **SEC. 1624. REPORT ON SPACE-BASED NUCLEAR DETEC-**
13 **TION.**

14 (a) REPORT.—Not later than 90 days after the date
15 of the enactment of this Act, the Secretary of Defense,
16 the Chairman of the Joint Chiefs of Staff, the Secretary
17 of Energy, and the Secretary of State shall jointly submit
18 to the congressional defense committees, the Permanent
19 Select Committee on Intelligence of the House of Rep-
20 resentatives, and the Select Committee on Intelligence of
21 the Senate a report on space-based nuclear detection.

22 (b) ELEMENTS.—The report under subsection (a)
23 shall include, at a minimum, the following:

1 (1) A description of the space-based nuclear de-
2 tection program (including the space-based atmos-
3 pheric burst reporting system).

4 (2) The strategic plan, including with respect to
5 current and planned space platforms, to host the rel-
6 evant payloads for such program.

7 (3) The current and planned national security
8 requirements for space-based nuclear detection, in-
9 cluding—

10 (A) an attribution of such requirements to
11 specific missions of the departments and agen-
12 cies of the Federal Government; and

13 (B) how such requirements compare to
14 past requirements.

15 (4) How current and future funding for the
16 space-based nuclear detection program is being pro-
17 vided by each such department or agency to meet
18 each mission requirement.

19 (c) FORM.—The report under subsection (a) shall be
20 submitted in unclassified form, but may include a classi-
21 fied annex.

22 **SEC. 1625. SENSE OF CONGRESS ON NEW COMMERCIAL**
23 **SATELLITE SERVICING ACTIVITIES.**

24 It is the sense of Congress that—

1 ance of the facility to act as the senior management
2 official of the contractor with respect to such facil-
3 ity.

4 “(2) Any senior management official, senior of-
5 ficer, or director of the contractor who does not have
6 such a security clearance will not have access to any
7 classified information, including with respect to such
8 facility.

9 “(3) The contractor has certified to the Sec-
10 retary that the senior officer, director, or employee
11 appointed under paragraph (1) has the authority to
12 act on behalf of the contractor with respect to such
13 facility independent of any senior management offi-
14 cial, senior officer, or director described in para-
15 graph (2).

16 “(4) The facility meets all of the requirements
17 to be granted a security clearance other than any re-
18 quirement relating to the senior management official
19 of the contractor having an appropriate security
20 clearance.”.

21 (b) CLERICAL AMENDMENT.—The table of sections
22 at the beginning of such chapter is amended by adding
23 at the end the following new item:

“2410s. Security clearances for facilities of certain contractors”.

1 **SEC. 1632. EXTENSION OF AUTHORITY TO ENGAGE IN CER-**
2 **TAIN COMMERCIAL ACTIVITIES.**

3 Section 431(a) of title 10, United States Code, is
4 amended by striking “December 31, 2017” and inserting
5 “December 31, 2023”.

6 **SEC. 1633. SUBMISSION OF AUDITS OF COMMERCIAL ACTIV-**
7 **ITY FUNDS.**

8 Section 432(b)(2) of title 10, United States Code, is
9 amended—

10 (1) by striking “promptly”; and

11 (2) by inserting before the period at the end the
12 following: “by not later than December 31 of each
13 year”.

14 **SEC. 1634. CLARIFICATION OF ANNUAL BRIEFING ON THE**
15 **INTELLIGENCE, SURVEILLANCE, AND RECON-**
16 **NAISSANCE REQUIREMENTS OF THE COM-**
17 **BATANT COMMANDS.**

18 Section 1626 of the Carl Levin and Howard P.
19 “Buck” McKeon National Defense Authorization Act for
20 Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3635)
21 is amended—

22 (1) by inserting “(including with respect to
23 space-based intelligence, surveillance, and reconnais-
24 sance)” after “intelligence, surveillance, and recon-
25 naissance requirements” both places it appears; and

1 (2) in paragraph (2), by striking “critical intel-
2 ligence, surveillance and reconnaissance require-
3 ments” and inserting “critical intelligence, surveil-
4 lance, and reconnaissance requirements (including
5 with respect to space-based intelligence, surveillance,
6 and reconnaissance)”.

7 **SEC. 1635. REVIEW OF SUPPORT PROVIDED BY DEFENSE**
8 **INTELLIGENCE ELEMENTS TO ACQUISITION**
9 **ACTIVITIES OF THE DEPARTMENT.**

10 (a) REVIEW.—The Secretary of Defense shall review
11 the support provided by Defense intelligence elements to
12 the acquisition activities conducted by the Secretary, with
13 a specific focus on such support—

14 (1) consisting of planning, prioritizing, and
15 resourcing relating to developmental weapon sys-
16 tems; and

17 (2) for existing weapon systems throughout the
18 program lifecycle of such systems.

19 (b) BUDGET STRUCTURE.—The Secretary shall de-
20 velop a specific budget structure for a sustainable funding
21 profile to ensure the support provided by Defense intel-
22 ligence elements described in subsection (a). The Sec-
23 retary shall implement such structure beginning with the
24 defense budget materials for fiscal year 2020.

1 (c) BRIEFING.—Not later than May 1, 2018, the Sec-
2 retary of Defense shall provide to the appropriate congres-
3 sional committees a briefing on the results of the review
4 under subsection (a) and a plan to carry out subsection
5 (b).

6 (d) DEFINITIONS.—In this section:

7 (1) The term “appropriate congressional com-
8 mittees” means—

9 (A) the congressional defense committees;

10 and

11 (B) the Permanent Select Committee on
12 Intelligence of the House of Representatives
13 and the Select Committee on Intelligence of the
14 Senate.

15 (2) The term “defense budget materials” has
16 the meaning given that term in section 231(f) of
17 title 10, United States Code.

18 (3) The term “Defense intelligence element”
19 means any of the agencies, offices, and elements of
20 the Department of Defense included within the defi-
21 nition of “intelligence community” under section
22 3(4) of the National Security Act of 1947 (50
23 U.S.C. 3003(4)).

1 **SEC. 1636. LIMITATION ON AVAILABILITY OF FUNDS FOR**
2 **CERTAIN OFFENSIVE COUNTERINTEL-**
3 **LIGENCE ACTIVITIES.**

4 (a) **LIMITATION ON OFFENSIVE COUNTERINTEL-**
5 **LIGENCE ACTIVITIES.—**

6 (1) **IN GENERAL.—**Of the funds described in
7 paragraph (2), not more than 75 percent may be ob-
8 ligated or expended until—

9 (A) the Secretary of Defense submits to
10 the appropriate congressional committees the
11 report under subsection (b);

12 (B) the Director of the Defense Intel-
13 ligence Agency submits to such committees the
14 report under subsection (c); and

15 (C) the Director and the Under Secretary
16 of Defense for Intelligence jointly provide to
17 such committees the briefing under subsection
18 (d).

19 (2) **FUNDS DESCRIBED.—**The funds described
20 in this paragraph are the following:

21 (A) Funds authorized to be appropriated
22 by this Act or otherwise made available for fis-
23 cal year 2018 under the General Defense Intel-
24 ligence Program for any operations and mainte-
25 nance account for offensive counterintelligence
26 activities.

1 (B) Funds authorized to be appropriated
2 by this Act or otherwise made available for fis-
3 cal year 2018 under the Military Intelligence
4 Program for any operations and maintenance
5 account for offensive counterintelligence activi-
6 ties.

7 (b) REPORT ON OVERSIGHT PROCESSES.—Not later
8 than March 1, 2018, the Secretary of Defense shall submit
9 to the appropriate congressional committees a report certi-
10 fying that each Defense intelligence element with offensive
11 counterintelligence authorities has the appropriate over-
12 sight processes necessary to ensure compliance with the
13 regulations of the Department of Defense.

14 (c) REPORT ON CERTAIN RESOURCES.—Not later
15 than March 1, 2018, the Director of the Defense Intel-
16 ligence Agency shall submit to the appropriate congres-
17 sional committees a report that includes an accounting of
18 the counterintelligence enterprise management resources
19 transferred from the Counterintelligence Field Activity to
20 the Defense Intelligence Agency that identifies such re-
21 sources that are no longer dedicated to counterintelligence
22 activities, as of the date of the report.

23 (d) BRIEFING ON FUNCTIONAL MANAGEMENT.—Not
24 later than March 1, 2018, the Director and the Under
25 Secretary of Defense for Intelligence shall jointly provide

1 to the appropriate congressional committees a briefing on
2 how the Director and the Under Secretary plan to improve
3 the functional management of offensive counterintelligence
4 activities.

5 (e) DEFINITIONS.—In this section:

6 (1) The term “appropriate congressional com-
7 mittees” means—

8 (A) the congressional defense committees;
9 and

10 (B) the Permanent Select Committee on
11 Intelligence of the House of Representatives
12 and the Select Committee on Intelligence of the
13 Senate.

14 (2) The term “Defense intelligence element”
15 means any of the Department of Defense agencies,
16 offices, and elements included within the definition
17 of “intelligence community” under section 3(4) of
18 the National Security Act of 1947 (50 U.S.C.
19 3003(4)).

20 **SEC. 1637. PROHIBITION ON AVAILABILITY OF FUNDS FOR**
21 **CERTAIN RELOCATION ACTIVITIES FOR NATO**
22 **INTELLIGENCE FUSION CENTER.**

23 None of the funds authorized to be appropriated by
24 this Act or otherwise made available for fiscal year 2018
25 for operation and maintenance may be obligated or ex-

1 pended for the procurement of fit-out supplies and equip-
2 ment to support the relocation of the NATO Intelligence
3 Fusion Center from Royal Air Force Molesworth, United
4 Kingdom, to Royal Air Force Croughton, United King-
5 dom.

6 **SEC. 1638. ESTABLISHMENT OF CHAIRMAN'S CONTROLLED**
7 **ACTIVITY WITHIN JOINT STAFF FOR INTEL-**
8 **LIGENCE, SURVEILLANCE, AND RECONNAIS-**
9 **SANCE.**

10 (a) CHAIRMAN'S CONTROLLED ACTIVITY.—The
11 Chairman of the Joint Chiefs of Staff shall—

12 (1) undertake the roles, missions, and respon-
13 sibilities of, and an equal or greater number of per-
14 sonnel billets than the amount of such billets pre-
15 viously prescribed for the Joint Functional Compo-
16 nent Command for Intelligence, Surveillance, and
17 Reconnaissance of United States Strategic Com-
18 mand; and

19 (2) not later than 30 days after the date of the
20 enactment of this Act, establish an organization
21 within the Joint Staff—

22 (A) that is designated as a chairman's con-
23 trolled activity;

1 (B) for which the Chairman of the Joint
2 Chiefs of Staff shall serve as the joint func-
3 tional manager; and

4 (C) which shall synchronize cross-combat-
5 ant command intelligence, surveillance, and re-
6 connaissance plans and develop strategies inte-
7 grating all joint service-provided and allied in-
8 telligence, surveillance, and reconnaissance ca-
9 pabilities to satisfy combatant command intel-
10 ligence needs for the Department of Defense.

11 (b) EXECUTIVE AGENT.—The Secretary of Defense
12 shall designate the Secretary of the Air Force as the exec-
13 utive agent and sponsor for funding for the organization
14 established under subsection (a)(2).

15 **SEC. 1639. SENSE OF CONGRESS AND REPORT ON**
16 **GEOSPATIAL COMMERCIAL ACTIVITIES FOR**
17 **BASIC AND APPLIED RESEARCH AND DEVEL-**
18 **OPMENT.**

19 (a) SENSE OF CONGRESS.—It is the sense of Con-
20 gress that—

21 (1) rapid technology change and a significant
22 increase in data collection by the intelligence com-
23 munity has outpaced the ability of the intelligence
24 community to exploit vast quantities of intelligence
25 data;

1 (2) the data collection capabilities of the intel-
2 ligence community and the Department of Defense
3 have outpaced to exploit vast quantities of data;

4 (3) furthermore, international competitors may
5 be catching up, and in some cases leading, in key
6 technology areas;

7 (4) many U.S. companies have talent and tech-
8 nological capability that the Federal Government
9 could harness; and

10 (5) these companies would be able to more ef-
11 fectively develop automation, artificial intelligence,
12 and associated algorithms if given access to data of
13 the National Geospatial-Intelligence Agency, con-
14 sistent with the protection of sources and methods.

15 (b) REPORT.—Not later than 30 days after the date
16 of the enactment of this Act, the Director of the National
17 Geospatial-Intelligence Agency shall submit to the appro-
18 priate congressional committees a report on the authori-
19 ties necessary to conduct commercial activities relating to
20 geospatial intelligence that the Director determines nec-
21 essary to engage in basic research, applied research, data
22 transfers, and development projects, with respect to auto-
23 mation, artificial intelligence, and associated algorithms,
24 including how the Director would use such authorities,

1 consistent with applicable laws and procedures relating to
2 the protection of sources and methods.

3 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
4 FINED.—In this section, the term “appropriate congress-
5 sional committees” means—

6 (1) the Committees on Armed Services of the
7 House of Representatives and the Senate; and

8 (2) the Permanent Select Committee on Intel-
9 ligence of the House of Representatives and the Se-
10 lect Committee on Intelligence of the Senate.

11 **SEC. 1640. DEPARTMENT OF DEFENSE COUNTERINTEL-**
12 **LIGENCE POLYGRAPH PROGRAM.**

13 Section 1564a(b) of title 10, United States Code, is
14 amended by adding at the end the following new para-
15 graph:

16 “(5) Any person who is a United States na-
17 tional who also has the nationality of a foreign
18 state.”.

19 **SEC. 1641. SECURITY CLEARANCE FOR DUAL-NATIONALS.**

20 (a) IN GENERAL.—Chapter 80 of title 10, United
21 States Code, is amended by inserting after section 1564a
22 the following new section:

23 **“§ 1564b. Security clearance for dual nationals**

24 “(a) IN GENERAL.—In the case of an individual who
25 is a United States national who also has the nationality

1 of a foreign state who is appointed to or hired for a posi-
2 tion designated by the Office of Personnel Management
3 as critical sensitive or special sensitive, the Secretary shall
4 provide additional review before approving a security
5 clearance for such individual.

6 “(b) WAIVER.—

7 “(1) WAIVER AUTHORITY.—In the case of a
8 person who is a United States national who also has
9 the nationality of a foreign state identified under
10 paragraph (2), the Secretary may waive the require-
11 ment under subsection (a).

12 “(2) FOREIGN STATES.—The Director of Na-
13 tional Intelligence shall identify foreign states that
14 permit citizens or nationals of the United States to
15 serve in positions of trust equivalent to positions
16 identified by the Office of Personnel Management as
17 critical sensitive or special sensitive.”.

18 (b) CLERICAL AMENDMENT.—The table of sections
19 at the beginning of such chapter is amended by inserting
20 after the item relating to section 1564a the following new
21 item:

“1564b. Security clearance for dual nationals of high threat foreign states.”.

1 **SEC. 1642. SUSPENSION OR REVOCATION OF SECURITY**
2 **CLEARANCES BASED ON UNLAWFUL OR INAP-**
3 **PROPRIATE CONTACTS WITH REPRESENTA-**
4 **TIVES OF A FOREIGN GOVERNMENT.**

5 The Secretary of Defense may suspend or revoke any
6 security clearance granted by the Department of Defense
7 if the holder of that security clearance has engaged in un-
8 lawful or inappropriate contacts with representatives of
9 the government of a foreign country.

10 **Subtitle D—Cyberspace-Related**
11 **Matters**

12 **SEC. 1651. NOTIFICATION REQUIREMENTS FOR SENSITIVE**
13 **MILITARY CYBER OPERATIONS AND CYBER**
14 **WEAPONS.**

15 (a) NOTIFICATION.—Chapter 3 of title 10, United
16 States Code, is amended by adding at the end the fol-
17 lowing new sections:

18 **“§ 130j. Notification requirements for sensitive mili-**
19 **tary cyber operations**

20 “(a) IN GENERAL.—Except as provided in subsection
21 (d), the Secretary of Defense shall promptly submit to the
22 congressional defense committees notice in writing of any
23 sensitive military cyber operation conducted under this
24 title no later than 48 hours following such operation.

25 “(b) PROCEDURES.—(1) The Secretary of Defense
26 shall establish and submit to the congressional defense

1 committees procedures for complying with the require-
2 ments of subsection (a) consistent with the national secu-
3 rity of the United States and the protection of operational
4 integrity. The Secretary shall promptly notify the congres-
5 sional defense committees in writing of any changes to
6 such procedures at least 14 days prior to the adoption of
7 any such changes.

8 “(2) The congressional defense committees shall en-
9 sure that committee procedures designed to protect from
10 unauthorized disclosure classified information relating to
11 national security of the United States are sufficient to pro-
12 tect the information that is submitted to the committees
13 pursuant to this section.

14 “(3) In the event of an unauthorized disclosure of a
15 sensitive military cyber operation covered by this section,
16 the Secretary shall ensure, to the maximum extent prac-
17 ticable, that the congressional defense committees are no-
18 tified immediately of the sensitive military cyber operation
19 concerned. The notification under this paragraph may be
20 verbal or written, but in the event of a verbal notification
21 a written notification shall be provided by not later than
22 48 hours after the provision of the verbal notification.

23 “(c) SENSITIVE MILITARY CYBER OPERATION DE-
24 FINED.—(1) In this section, the term ‘sensitive military

1 cyber operation’ means an action described in paragraph
2 (2) that—

3 “(A) is carried out by the armed forces or by
4 a foreign partner in coordination with the armed
5 forces; and

6 “(B) is intended to cause effects outside a geo-
7 graphic location where United States armed forces
8 are involved in hostilities (as that term is used in
9 section 1543 of title 50, United States Code).

10 “(2) The actions described in this paragraph are the
11 following:

12 “(A) An offensive cyber operation.

13 “(B) A defensive cyber operation outside the
14 Department of Defense Information Networks to de-
15 feat an ongoing or imminent threat.

16 “(d) EXCEPTIONS.—The notification requirement
17 under subsection (a) does not apply—

18 “(1) to a training exercise conducted with the
19 consent of all nations where the intended effects of
20 the exercise will occur; or

21 “(2) to a covert action (as that term is defined
22 in section 3093 of title 50, United States Code).

23 “(e) RULE OF CONSTRUCTION.—Nothing in this sec-
24 tion shall be construed to provide any new authority or
25 to alter or otherwise affect the War Powers Resolution (50

1 U.S.C. 1541 et seq.), the Authorization for Use of Military
2 Force (Public Law 107–40; 50 U.S.C. 1541 note), or any
3 requirement under the National Security Act of 1947 (50
4 U.S.C. 3001 et seq.).

5 **“§ 130k. Notification requirements for cyber weapons**

6 “(a) IN GENERAL.—Except as provided in subsection
7 (c), the Secretary of Defense shall promptly submit to the
8 congressional defense committees notice in writing of the
9 following:

10 “(1) With respect to a cyber capability that is
11 intended for use as a weapon, the results of any re-
12 view of the capability for legality under international
13 law pursuant to Department of Defense Directive
14 5000.01 no later than 48 hours after any military
15 department concerned has completed such review.

16 “(2) The use as a weapon of any cyber capa-
17 bility that has been approved for such use under
18 international law by a military department no later
19 than 48 hours following such use.

20 “(b) PROCEDURES.—(1) The Secretary of Defense
21 shall establish and submit to the congressional defense
22 committees procedures for complying with the require-
23 ments of subsection (a) consistent with the national secu-
24 rity of the United States and the protection of operational
25 integrity. The Secretary shall promptly notify the congress-

1 sional defense committees in writing of any changes to
2 such procedures at least 14 days prior to the adoption of
3 any such changes.

4 “(2) The congressional defense committees shall en-
5 sure that committee procedures designed to protect from
6 unauthorized disclosure classified information relating to
7 national security of the United States are sufficient to pro-
8 tect the information that is submitted to the committees
9 pursuant to this section.

10 “(3) In the event of an unauthorized disclosure of a
11 cyber capability covered by this section, the Secretary shall
12 ensure, to the maximum extent practicable, that the con-
13 gressional defense committees are notified immediately of
14 the cyber capability concerned. The notification under this
15 paragraph may be verbal or written, but in the event of
16 a verbal notification a written notification shall be pro-
17 vided by not later than 48 hours after the provision of
18 the verbal notification.

19 “(c) EXCEPTIONS.—The notification requirement
20 under subsection (a) does not apply—

21 “(1) to a training exercise conducted with the
22 consent of all nations where the intended effects of
23 the exercise will occur; or

24 “(2) to a covert action (as that term is defined
25 in section 3093 of title 50, United States Code).

1 “(d) **RULE OF CONSTRUCTION.**—Nothing in this sec-
 2 tion shall be construed to provide any new authority or
 3 to alter or otherwise affect the War Powers Resolution (50
 4 U.S.C. 1541 et seq.), the Authorization for Use of Military
 5 Force (Public Law 107–40; 50 U.S.C. 1541 note), or any
 6 requirement under the National Security Act of 1947 (50
 7 U.S.C. 3001 et seq.).”.

8 (b) **CLERICAL AMENDMENT.**—The table of sections
 9 at the beginning of such chapter is amended by adding
 10 at the end the following new items:

“130j. Notification requirements for sensitive military cyber operations.
 “130k. Notification requirements for cyber weapons.”.

11 **SEC. 1652. MODIFICATION TO QUARTERLY CYBER OPER-**
 12 **ATIONS BRIEFINGS.**

13 (a) **IN GENERAL.**—Section 484 of title 10, United
 14 States Code, is amended—

15 (1) by striking “The Secretary of Defense shall
 16 provide to the Committees on Armed Services of the
 17 House of Representatives and the Senate” and in-
 18 serting the following:

19 “(a) **BRIEFINGS REQUIRED.**—The Secretary of De-
 20 fense shall provide to the congressional defense commit-
 21 tees”; and

22 (2) by adding at the end the following:

1 “(b) ELEMENTS.—Each briefing under subsection
2 (a) shall include, with respect to the military operations
3 in cyberspace described in such subsection, the following:

4 “(1) An update, set forth separately for each
5 geographic and functional command, that describes
6 the operations carried out by the command and any
7 hostile cyber activity directed at the command.

8 “(2) An overview of authorities and legal issues
9 applicable to the operations, including any relevant
10 legal limitations.

11 “(3) An outline of any interagency activities
12 and initiatives relating to the operations.

13 “(4) Any other matters the Secretary deter-
14 mines to be appropriate.”.

15 (b) EFFECTIVE DATE.—The amendments made by
16 subsection (a) shall take effect on the date of the enact-
17 ment of this Act, and shall apply with respect to briefings
18 required be provided under section 484 of title 10, United
19 States Code, on or after that date.

20 (c) SENSE OF CONGRESS.—It is the sense of Con-
21 gress that the quarterly cyber operations briefings re-
22 quired under section 484 of title 10, United States Code,
23 as amended by subsection (a), should include an update
24 on the progress of the Secretary of Defense in carrying
25 out the cooperative program described in section 924.

1 **SEC. 1653. CYBER SCHOLARSHIP PROGRAM.**

2 (a) NAME OF PROGRAM.—Section 2200 of title 10,
3 Unites States Code, is amended by adding at the end the
4 following:

5 “(c) NAME OF PROGRAM.—The programs authorized
6 under this chapter shall be known as the ‘Cyber Scholar-
7 ship Program’.”.

8 (b) MODIFICATION TO ALLOCATION OF FUNDING
9 FOR CYBER SCHOLARSHIP PROGRAM.—Section 2200a(f)
10 of title 10, Unites States Code, is amended—

11 (1) by inserting “(1)” before “Not less”; and

12 (2) by adding at the end the following new
13 paragraph:

14 “(2) Not less than five percent of the amount avail-
15 able for financial assistance under this section for a fiscal
16 year shall be available for providing financial assistance
17 for the pursuit of an associate degree at an institution
18 described in paragraph (1).”.

19 (c) CYBER DEFINITION.—Section 2200e of title 10,
20 Unites States Code, is amended to read as follows:

21 **“§ 2200e. Definitions**

22 “In this chapter:

23 “(1) The term ‘cyber’ includes the following:

24 “(A) Offensive cyber operations.

25 “(B) Defensive cyber operations.

1 “(C) Department of Defense information
2 network operations and defense.

3 “(D) Any other information technology
4 that the Secretary of Defense considers to be
5 related to the cyber activities of the Depart-
6 ment of Defense.

7 “(2) The term ‘institution of higher education’
8 has the meaning given the term in section 101 of the
9 Higher Education Act of 1965 (20 U.S.C. 1001).

10 “(3) The term ‘Center of Academic Excellence
11 in Cyber Education’ means an institution of higher
12 education that is designated by the Director of the
13 National Security Agency as a Center of Academic
14 Excellence in Cyber Education.”.

15 (d) CONFORMING AMENDMENTS.—

16 (1) Chapter 112 of title 10, United States
17 Code, is further amended—

18 (A) in the chapter heading, by striking
19 **“INFORMATION SECURITY”** and in-
20 serting **“CYBER”**;

21 (B) in section 2200 (as amended by sub-
22 section (a))—

23 (i) in subsection (a), by striking “De-
24 partment of Defense information assurance
25 requirements” and inserting “the cyber re-

1 requirements of the Department of De-
2 fense”; and

3 (ii) in subsection (b)(1), by striking
4 “information assurance” and inserting
5 “cyber disciplines”;

6 (C) in section 2200a (as amended by sub-
7 section (b))—

8 (i) in subsection (a)(1), by striking
9 “an information assurance discipline” and
10 inserting “a cyber discipline”;

11 (ii) in subsection (f)(1), by striking
12 “information assurance” and inserting
13 “cyber disciplines”; and

14 (iii) in subsection (g)(1), by striking
15 “an information technology position” and
16 inserting “a cyber position”;

17 (D) in section 2200b, by striking “infor-
18 mation assurance disciplines” and inserting
19 “cyber disciplines”; and

20 (E) in section 2200e, by striking “Infor-
21 mation Assurance” each place it appears and
22 inserting “Cyber”.

23 (2) The table of sections at the beginning of
24 chapter 112 of title 10, Unites States Code, is

1 amended by striking the item relating to section
2 2200c and inserting the following:

“2200c. Centers of Academic Excellence in Cyber Education.”.

3 (3) Section 7045 of title 10, United States
4 Code, is amended—

5 (A) by striking “Information Security
6 Scholarship program” each place it appears and
7 inserting “Cyber Scholarship program”; and

8 (B) in subsection (a)(2)(B), by striking
9 “information assurance” and inserting “a cyber
10 discipline”.

11 (4) Section 7904(4) of title 38, United States
12 Code, is amended by striking “Information Assur-
13 ance” and inserting “Cyber”.

14 (e) REDESIGNATIONS.—

15 (1) SCHOLARSHIP PROGRAM.—The Information
16 Security Scholarship program under chapter 112 of
17 title 10, United States Code, is redesignated as the
18 “Cyber Scholarship program”. Any reference in a
19 law (other than this section), map, regulation, docu-
20 ment, paper, or other record of the United States to
21 the Information Security Scholarship program shall
22 be deemed to be a reference to the Cyber Scholar-
23 ship Program.

24 (2) CENTERS OF ACADEMIC EXCELLENCE.—
25 Any institution of higher education designated by

1 the Director of the National Security Agency as a
2 Center of Academic Excellence in Information As-
3 surance Education is redesignated as a Center of
4 Academic Excellence in Cyber Education. Any ref-
5 erence in a law (other than this section), map, regu-
6 lation, document, paper, or other record of the
7 United States to a Center of Academic Excellence in
8 Information Assurance Education shall be deemed to
9 be a reference to a Center of Academic Excellence
10 in Cyber Education.

11 (f) AUTHORIZATION OF APPROPRIATIONS.—There is
12 authorized to be appropriated to the Secretary of Defense
13 to provide financial assistance under section 2200a of title
14 10, United States Code (as amended by this section), and
15 grants under section 2200b of such title (as so amended),
16 \$10,000,000 for fiscal year 2018.

17 **SEC. 1654. PLAN TO INCREASE CYBER AND INFORMATION**
18 **OPERATIONS, DETERRENCE, AND DEFENSE.**

19 (a) FINDINGS.—Congress finds following:

20 (1) Cyber threats originating from the Asia-Pa-
21 cific region targeting the United States and the al-
22 lies of the United States have grown through the use
23 of cyber intrusions, exfiltration, and espionage by
24 China and North Korea.

1 (2) In February 2016, Admiral Harry Harris
2 Jr., Commander of the United States Pacific Com-
3 mand, in his testimony noted “increased cyber ca-
4 pacity and nefarious activity, especially by China,
5 North Korea, and Russia underscore the growing re-
6 quirement to evolve command, control, and oper-
7 ational authorities”.

8 (3) Admiral Harris stated “that in order to
9 fully leverage the cyber domain, PACOM requires an
10 enduring theater cyber capability able to provide
11 cyber planning, integration, synchronization, and di-
12 rection of cyber forces.”.

13 (b) PLAN.—The Secretary of Defense shall develop
14 a plan to—

15 (1) increase inclusion of regional cyber planning
16 within larger United States joint planning exercises
17 in the Indo-Asia-Pacific region;

18 (2) enhance joint, regional, and combined infor-
19 mation operations and strategic communication
20 strategies to counter Chinese and North Korean in-
21 formation warfare, malign influence, and propa-
22 ganda activities; and

23 (3) identify potential areas of cybersecurity col-
24 laboration and partnership capabilities with Asian
25 allies and partners of the United States.

1 (c) BRIEFING.—Not later than 180 days after the
2 date of the enactment of this Act, the Secretary of Defense
3 shall provide to the congressional defense committees a
4 briefing on the plan required under subsection (b).

5 **SEC. 1655. REPORT ON TERMINATION OF DUAL-HAT AR-**
6 **RANGEMENT FOR COMMANDER OF THE**
7 **UNITED STATES CYBER COMMAND.**

8 (a) REPORT.—Not later than December 1, 2017, the
9 Secretary of Defense shall submit to the appropriate con-
10 gressional committees a report on the progress of the De-
11 partment of Defense in meeting the requirements of sec-
12 tion 1642 of the National Defense Authorization Act for
13 Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2601).

14 (b) ELEMENTS.—The report under subsection (a)
15 shall include, with respect to any decision to terminate the
16 dual-hat arrangement as described in section 1642 of the
17 National Defense Authorization Act for Fiscal Year 2017
18 (Public Law 114–328; 130 Stat. 2601), the following:

19 (1) Metrics and milestones for meeting the con-
20 ditions described in subsection (b)(2)(C) of such sec-
21 tion 1642.

22 (2) Identification of any challenges to meeting
23 such conditions.

1 (3) Identification of entities or persons requir-
2 ing additional resources as a result of any decision
3 to terminate the dual-hat arrangement.

4 (4) Identification of any updates to statutory
5 authorities needed as a result of any decision to ter-
6 minate the dual-hat arrangement.

7 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
8 FINED.—In this section, the term “appropriate congres-
9 sional committees” means—

10 (1) the congressional defense committees;

11 (2) the Select Committee on Intelligence of the
12 Senate; and

13 (3) the Permanent Select Committee on Intel-
14 ligence of the House of Representatives.

15 **SEC. 1656. STRATEGY FOR THE OFFENSIVE USE OF CYBER**
16 **CAPABILITIES.**

17 (a) FINDINGS.—

18 (1) The North Atlantic Treaty Organization
19 (commonly known as “NATO”) remains a critical
20 alliance for the United States and a cost-effective,
21 flexible means of providing security to the most im-
22 portant allies of the United States.

23 (2) The regime of Russian President Vladimir
24 Putin is actively working to erode democratic sys-

1 tems of NATO member states, including the United
2 States.

3 (3) According to the report of the Office of the
4 Director of National Intelligence dated January 6,
5 2017, on the Russian Federation’s hack of the
6 United States presidential election: “Russian efforts
7 to influence the 2016 presidential election represent
8 the most recent expression of Moscow’s longstanding
9 desire to undermine the US-led liberal democratic
10 order.”.

11 (4) As recently as May 4, 2017, the press re-
12 ported a massive cyber hack of French President
13 Emmanuel Macron’s campaign, likely attributable to
14 Russian actors.

15 (5) It is in the core interests of the United
16 States to enhance the offensive and defensive cyber
17 capabilities of NATO member states to deter and
18 defend against Russian cyber and influence oper-
19 ations.

20 (6) Enhanced offensive cyber capabilities would
21 enable the United States to demonstrate strength
22 and deter the Russian Federation from threatening
23 NATO, while reassuring allies, without a provocative
24 buildup of conventional military forces.

1 (b) SENSE OF CONGRESS ON CYBER STRATEGY OF
2 THE DEPARTMENT OF DEFENSE.—It is the sense of Con-
3 gress that —

4 (1) the Secretary of Defense should update the
5 cyber strategy of the Department of Defense (as
6 that strategy is described in the Department of De-
7 fense document titled “The Department of Defense
8 Cyber Strategy” dated April 15, 2015); and

9 (2) in updating the cyber strategy of the De-
10 partment, the Secretary should—

11 (A) specifically develop an offensive cyber
12 strategy that includes plans for the offensive
13 use of cyber capabilities, including computer
14 network exploitation and computer network at-
15 tacks, to thwart air, land, or sea attacks by the
16 regime of Russian President Vladimir Putin
17 and other adversaries;

18 (B) provide guidance on integrating offen-
19 sive tools into the cyber arsenal of the Depart-
20 ment; and

21 (C) assist NATO partners, through the
22 NATO Cooperative Cyber Center of Excellence
23 and other entities, in developing offensive cyber
24 capabilities.

1 (c) STRATEGY FOR OFFENSIVE USE OF CYBER CA-
2 PABILITIES.—

3 (1) STRATEGY REQUIRED.—The President shall
4 develop a written strategy for the offensive use of
5 cyber capabilities by departments and agencies of the
6 Federal Government.

7 (2) ELEMENTS.—The strategy developed under
8 paragraph (1) shall include, at minimum—

9 (A) a description of enhancements that are
10 needed to improve the offensive cyber capabili-
11 ties of the United States and partner nations,
12 including NATO member states; and

13 (B) a statement of principles concerning
14 the appropriate deployment of offensive cyber
15 capabilities.

16 (3) SUBMISSION TO CONGRESS.—

17 (A) IN GENERAL.—Not later than 180
18 days after the date of the enactment of this
19 Act, the President shall submit to the congress-
20 sional defense committees (as that term is de-
21 fined in section 101(a)(16) of title 10, United
22 States Code) the strategy developed under para-
23 graph (1).

1 (B) FORM OF SUBMISSION.—The strategy
2 submitted under subparagraph (A) may be sub-
3 mitted in classified form.

4 (d) INTERNATIONAL COOPERATION.—

5 (1) AUTHORITY TO PROVIDE TECHNICAL AS-
6 SISTANCE.—The President, acting through the Sec-
7 retary of Defense and with the concurrence of the
8 Secretary of State, is authorized to provide technical
9 assistance to NATO member states to assist such
10 states in developing and enhancing offensive cyber
11 capabilities.

12 (2) TECHNICAL EXPERTS.—In providing tech-
13 nical assistance under paragraph (1), the President,
14 acting through the NATO Cooperative Cyber Center
15 of Excellence, may detail technical experts in the
16 field of cyber operations to NATO member states.

17 (3) RULE OF CONSTRUCTION.—Nothing in this
18 section shall be construed to preclude or limit the
19 authorities of the President or the Secretary of De-
20 fense to provide cyber-related assistance to foreign
21 countries, including the authority of the Secretary to
22 provide such assistance under section 333 of title
23 10, United States Code.

1 **SEC. 1657. DEPARTMENT OF DEFENSE CYBER WORKFORCE**
2 **DEVELOPMENT PILOT PROGRAM.**

3 (a) ESTABLISHMENT.—The Secretary of Defense
4 may carry out a pilot program to be known as the “Cyber
5 Workforce Development Pilot Program” (in this section
6 referred to as the “Pilot Program”) under which the Sec-
7 retary shall provide funds, in addition to other funds that
8 may be available, for the recruitment, training,
9 professionalization, and retention of personnel in the cyber
10 workforce of the Department of Defense.

11 (b) PURPOSE.—The purpose of the Pilot Program
12 shall be to assess the effectiveness of carrying out a full-
13 scale talent management program to ensure that the cyber
14 workforce of the Department of Defense has the capacity,
15 in both personnel and skills, needed to effectively perform
16 its cyber missions and the kinetic missions impacted by
17 cyber activities.

18 (c) MANAGEMENT.—The Pilot Program shall be
19 managed by the Chief Information Officer of the Depart-
20 ment of Defense, in consultation with the Principal Cyber
21 Advisor to the Secretary of Defense.

22 (d) GUIDANCE.—The Chief Information Officer of
23 the Department of Defense, in consultation with the Prin-
24 cipal Cyber Advisor to the Secretary of Defense, shall
25 issue guidance for the administration of the Pilot Pro-
26 gram. Such guidance shall include provisions that—

1 (1) identify areas of need in the cyber work-
2 force that funds under the Pilot Program may be
3 used to address, including—

4 (A) changes to the types of skills needed in
5 the cyber workforce;

6 (B) capabilities to develop the cyber work-
7 force and assist members of the cyber workforce
8 in achieving qualifications and
9 professionalization through activities such as
10 training, education, and exchange programs;

11 (C) incentives to retain qualified, experi-
12 enced cyber workforce personnel; and

13 (D) incentives for attracting new, high-
14 quality personnel to the cyber workforce;

15 (2) describe the process under which entities
16 may submit an application to receive funds under
17 the Pilot Program;

18 (3) describe the evaluation criteria to be used
19 for approving or prioritizing applications for funds
20 under the Pilot Program in any fiscal year; and

21 (4) describe measurable objectives of perform-
22 ance for determining whether funds under the Pilot
23 Program are being used in compliance with this sec-
24 tion.

1 (e) CONSIDERATIONS.—When selecting entities to
2 provide training and education services under the Pilot
3 Program, consideration shall be given to whether the enti-
4 ty providing such services is a Center of Academic Excel-
5 lence in Information Assurance Education (as that term
6 is defined in section 2200e of title 10, United States
7 Code).

8 (f) ANNUAL REPORT.—Not later than 120 days after
9 the end of each of fiscal year for which funds are appro-
10 priated for the Pilot Program, the Secretary of Defense
11 shall submit to the congressional defense committees a re-
12 port on the operation of the Pilot Program during such
13 fiscal year. Each report shall include, for the fiscal year
14 covered by such report, the following:

15 (1) A description of the expenditures made
16 under the Pilot Program (including expenditures fol-
17 lowing a transfer of funds under the Pilot Program
18 to a military department or Defense Agency) in such
19 fiscal year, including the purpose of such expendi-
20 tures.

21 (2) A description and assessment of improve-
22 ments in the Department of Defense cyber workforce
23 resulting from such expenditures.

24 (3) Recommendations for additional authorities
25 to fulfill the purpose of the Pilot Program.

1 (4) A statement of the funds that remain avail-
2 able under the Pilot Program at the end of such fis-
3 cal year.

4 (g) TERMINATION.—The Pilot Program and the an-
5 nual reporting requirement under subsection (f) shall each
6 terminate on the date that is five years after the date on
7 which funds are first appropriated for the Pilot Program
8 and any funds not obligated or expended under the Pilot
9 Program on that date shall be deposited in the general
10 fund of the Treasury of the United States.

11 (h) CYBER WORKFORCE DEFINED.—In this Act, the
12 term “cyber workforce” means the following:

13 (1) Personnel in positions that require the per-
14 formance of cybersecurity or other cyber-related
15 functions as so identified pursuant to the Federal
16 Cybersecurity Workforce Assessment Act of 2015
17 (Public Law 114–113; 5 U.S.C. 301 note) .

18 (2) Military personnel or civilian employees of
19 the Department of Defense who are not described in
20 paragraph (1) but who—

21 (A) are assigned functions that contribute
22 significantly to cyber operations; and

23 (B) are designated as temporary members
24 of the cyber workforce by the Chief Information
25 Officer of the Department of Defense, or by the

1 head of a military department or Defense Agen-
2 cy, for the limited purpose of receiving training
3 for the performance of cyber-related functions.

4 **SEC. 1658. DEFINITION OF DETERRENCE IN THE CONTEXT**
5 **OF CYBER OPERATIONS.**

6 (a) IN GENERAL.—The Secretary of Defense shall—

7 (1) develop a definition of the term “deter-
8 rence” as such term is used in the context of the
9 cyber operations of the Department of Defense; and

10 (2) assess how the definition developed under
11 paragraph (1) affects the overall cyber strategy of
12 the Department.

13 (b) INCLUSION OF OTHER ACTIVITIES.—The defini-
14 tion of the term “deterrence” developed under subsection
15 (a) may include activities, capability efforts, and oper-
16 ations other than cyber activities, cyber capability efforts,
17 and cyber operations.

18 **Subtitle E—Nuclear Forces**

19 **SEC. 1661. NOTIFICATIONS REGARDING DUAL-CAPABLE F-**
20 **35A AIRCRAFT.**

21 Section 179(f) of title 10, United States Code, is
22 amended—

23 (1) by redesignating paragraph (6) as para-
24 graph (7); and

1 (2) by inserting after paragraph (5) the fol-
2 lowing new paragraph (6):

3 “(6) If a House of Congress adopts a bill authorizing
4 or appropriating funds for the Department of Defense
5 that, as determined by the Council, provides funds in an
6 amount that will result in a delay in the nuclear certifi-
7 cation or delivery of F-35A dual-capable aircraft, the
8 Council shall notify the congressional defense committees
9 of the determination.”.

10 **SEC. 1662. OVERSIGHT OF DELAYED ACQUISITION PRO-**
11 **GRAMS BY COUNCIL ON OVERSIGHT OF THE**
12 **NATIONAL LEADERSHIP COMMAND, CON-**
13 **TROL, AND COMMUNICATIONS SYSTEM.**

14 (a) STATUS UPDATES.—Section 171a of title 10,
15 United States Code, is amended—

16 (1) by redesignating subsection (k) as sub-
17 section (l); and

18 (2) by inserting after subsection (j) the fol-
19 lowing new subsection (k):

20 “(k) STATUS OF ACQUISITION PROGRAMS.—(1) On
21 a quarterly basis, each program manager of a covered ac-
22 quisition program shall transmit to the co-chairs of the
23 Council, acting through the senior steering group of the
24 Council, a report that identifies—

25 “(A) the covered acquisition program;

1 “(B) the requirements of the program;

2 “(C) the development timeline of the program;

3 and

4 “(D) the status of the program, including
5 whether the program is delayed and, if so, whether
6 such delay will result in a program schedule delay.

7 “(2) Not later than seven days after the end of each
8 quarter, the co-chairs of the Council shall submit to the
9 congressional defense committees a report that identifies,
10 with respect to the reports transmitted to the Council
11 under paragraph (1) for that quarter—

12 “(A) each covered acquisition program that is
13 delayed more than 180 days; and

14 “(B) any covered acquisition program that
15 should have been included in such reports but was
16 excluded, and the reasons for such exclusion.

17 “(3) In this subsection, the term ‘covered acquisition
18 program’ means each acquisition program of the Depart-
19 ment of Defense that materially contributes to—

20 “(A) the nuclear command, control, and com-
21 munications systems of the United States; or

22 “(B) the continuity of government systems of
23 the United States.”.

24 (b) INSTRUCTIONS.—The Secretary of Defense shall
25 issue a Department of Defense Instruction, or revise such

1 an Instruction, to ensure that program managers carry
2 out subsection (k)(1) of section 171a of title 10, United
3 States Code, as added by subsection (a).

4 **SEC. 1663. ESTABLISHMENT OF NUCLEAR COMMAND AND**
5 **CONTROL INTELLIGENCE FUSION CENTER.**

6 (a) ESTABLISHMENT.—Not later than 180 days after
7 the date of the enactment of this Act, the Secretary of
8 Defense and the Director of National Intelligence shall
9 jointly establish an intelligence fusion center to enhance
10 the protection of nuclear command, control, and commu-
11 nications programs, systems, and processes and continuity
12 of government programs, systems, and processes.

13 (b) CHARTER.—In establishing the fusion center
14 under subsection (a), the Secretary and the Director shall
15 develop a charter for the fusion center that includes the
16 following:

17 (1) To carry out the duties of the fusion center,
18 a description of—

19 (A) the roles and responsibilities of offi-
20 cials and elements of the Federal Government,
21 including a detailed description of the organiza-
22 tional relationships of such officials and the ele-
23 ments of the Federal Government that are key
24 stakeholders;

1 (B) the organization reporting chain of the
2 fusion center;

3 (C) the staffing of the fusion center;

4 (D) the processes of the fusion center; and

5 (E) how the fusion center integrates with
6 other elements of the Federal Government;

7 (2) The management and administration pro-
8 cesses required to carry out the fusion center, includ-
9 ing with respect to facilities and security authorities.

10 (3) Procedures to ensure that the appropriate
11 number of staff of the fusion center have the secu-
12 rity clearance necessary to access information on the
13 programs, systems, and processes that relate, either
14 wholly or substantially, to nuclear command, control,
15 and communications or continuity of government, in-
16 cluding with respect to both the programs, systems,
17 and processes that are designated as special access
18 programs (as described in section 4.3 of Executive
19 Order 13526 (50 U.S.C. 3161 note) or any suc-
20 cessor Executive order) and the programs, systems,
21 and processes that contain sensitive compartmented
22 information.

23 (c) COORDINATION.—In establishing the fusion cen-
24 ter under subsection (a), the Secretary and the Director
25 shall coordinate with the elements of the Federal Govern-

1 ment that the Secretary and Director determine appro-
2 priate.

3 (d) REPORTS.—

4 (1) INITIAL REPORT.—Not later than 120 days
5 after the date of the enactment of this Act, the Sec-
6 retary and the Director shall jointly submit to the
7 appropriate congressional committees a report con-
8 taining—

9 (A) the charter for the fusion center devel-
10 oped under subsection (b); and

11 (B) a plan on the budget and staffing of
12 the fusion center.

13 (2) ANNUAL REPORTS.—At the same time as
14 the President submits to Congress the annual budg-
15 et request under section 1105 of title 31, United
16 States Code, for fiscal year 2019 and each fiscal
17 year thereafter, the Secretary and the Director shall
18 submit to the appropriate congressional committees
19 a report on the fusion center, including, with respect
20 to the period covered by the report—

21 (A) any updates to the plan on the budget
22 and staffing of the fusion center;

23 (B) any updates to the charter developed
24 under subsection (b); and

1 (C) a summary of the activities and accom-
2 plishments of the fusion center.

3 (3) SUNSET.—No report is required under this
4 subsection after December 31, 2021.

5 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
6 FINED.—In this section, the term “appropriate congres-
7 sional committees” means—

8 (1) the congressional defense committees; and

9 (2) the Permanent Select Committee on Intel-
10 ligence of the House of Representatives and the Se-
11 lect Committee on Intelligence of the Senate.

12 **SEC. 1664. SECURITY OF NUCLEAR COMMAND, CONTROL,**
13 **AND COMMUNICATIONS SYSTEM FROM COM-**
14 **MERCIAL DEPENDENCIES.**

15 (a) FINDINGS.—Congress finds the following:

16 (1) At a hearing before the Committee on
17 Armed Services of the House of Representatives on
18 September 30, 2015, Deputy Secretary of Defense
19 Robert Work, responding to a question about the
20 use of Huawei telecommunications equipment, stat-
21 ed, “In the Office of the Secretary of Defense, abso-
22 lutely not. And I know of no other—I don’t believe
23 we operate in the Pentagon, any [Huawei] systems
24 in the Pentagon.”.

1 (2) At such hearing, the Commander of the
2 United States Cyber Command, Admiral Mike Rog-
3 ers, responding to a question about why such
4 Huawei telecommunications equipment is not used,
5 stated, “as we look at supply chain and we look at
6 potential vulnerabilities within the system, that it is
7 a risk we felt was unacceptable.”.

8 (3) At a hearing before the Committee on
9 Armed Services of the House of Representatives on
10 June 22, 2016, Acting Assistant Secretary of De-
11 fense for Homeland Defense and Global Security
12 Thomas Atkin, stated, “There are currently no
13 Huawei or ZTE products on the DoD Unified Capa-
14 bilities Approved Products List (APL).”.

15 (b) CERTIFICATION.—Not later than 180 days after
16 the date of the enactment of this Act, the Secretary of
17 Defense shall certify to the congressional defense commit-
18 tees whether the Secretary uses covered telecommuni-
19 cations equipment or services as a substantial or essential
20 component of any system, or as critical technology as part
21 of any system, to carry out—

22 (1) the nuclear deterrence mission of the De-
23 partment of Defense, including with respect to nu-
24 clear command, control, and communications, inte-

1 grated tactical warning and attack assessment, and
2 continuity of government; or

3 (2) the homeland defense mission of the De-
4 partment, including with respect to ballistic missile
5 defense.

6 (c) PROHIBITION AND MITIGATION.—

7 (1) PROHIBITION.—Except as provided by
8 paragraph (2), beginning on the date that is one
9 year after the date of the enactment of this Act, the
10 Secretary of Defense may not procure or obtain, or
11 extend or renew a contract to procure or obtain, any
12 equipment, system, or service to carry out the mis-
13 sions described in paragraphs (1) and (2) of sub-
14 section (b) that uses covered telecommunications
15 equipment or services as a substantial or essential
16 component of any system, or as critical technology
17 as part of any system.

18 (2) WAIVER.—The Secretary may waive the
19 prohibition in paragraph (1) on a case-by-case basis
20 for a single one-year period if the Secretary—

21 (A) determines such waiver to be in the
22 national security interests of the United States;
23 and

24 (B) certifies to the congressional commit-
25 tees that—

1 (i) there are sufficient mitigations in
2 place to guarantee the ability of the Sec-
3 retary to carry out the missions described
4 in paragraphs (1) and (2) of subsection
5 (b); and

6 (ii) the Secretary is removing the use
7 of covered telecommunications equipment
8 or services in carrying out such missions.

9 (3) DELEGATION.—The Secretary may not del-
10 egate the authority to make a waiver under para-
11 graph (2) to any official other than the Deputy Sec-
12 retary of Defense or the co-chairs of the Council on
13 Oversight of the National Leadership Command,
14 Control, and Communications System established by
15 section 171a of title 10, United States Code.

16 (d) DEFINITIONS.—In this section:

17 (1) The term “congressional defense commit-
18 tees” has the meaning given that term in section
19 101(a)(16) of title 10, United States Code.

20 (2) The term “covered foreign country” means
21 any of the following:

22 (A) The People’s Republic of China.

23 (B) The Russian Federation.

24 (3) The term “covered telecommunications
25 equipment or services” means any of the following:

1 (A) Telecommunications equipment pro-
2 duced by Huawei Technologies Company or
3 ZTE Corporation (or any subsidiary or affiliate
4 of such entities).

5 (B) Telecommunications services provided
6 by such entities or using such equipment.

7 (C) Telecommunications equipment or
8 services produced or provided by an entity that
9 the Secretary of Defense reasonably believes to
10 be an entity owned or controlled by, or other-
11 wise connected to, the government of a covered
12 foreign country.

13 **SEC. 1665. OVERSIGHT OF AERIAL-LAYER PROGRAMS BY**
14 **COUNCIL ON OVERSIGHT OF THE NATIONAL**
15 **LEADERSHIP COMMAND, CONTROL, AND**
16 **COMMUNICATIONS SYSTEM.**

17 Any analysis of alternatives for the Senior Leader
18 Airborne Operations Center, the executive airlift program
19 of the Air Force, and the E-6B modernization program
20 may not receive final approval by the Joint Requirements
21 Oversight Council, and the Director of Cost Assessment
22 and Program Evaluation may not conduct any sufficiency
23 review of such an analysis of alternatives, unless—

24 (1) the Council on Oversight of the National
25 Leadership Command, Control, and Communications

1 System established by section 171a of title 10,
2 United States Code, determines that the alternatives
3 for such programs are capable of meeting the re-
4 quirements for senior leadership communications in
5 support of the nuclear command, control, and com-
6 munications mission of the Department of Defense
7 and the continuity of government mission of the De-
8 partment;

9 (2) the Council submits to the congressional de-
10 fense committees such determination; and

11 (3) a period of 30 days elapses following the
12 date of such submission.

13 **SEC. 1666. SECURITY CLASSIFICATION GUIDE FOR PRO-**
14 **GRAMS RELATING TO NUCLEAR COMMAND,**
15 **CONTROL, AND COMMUNICATIONS AND NU-**
16 **CLEAR DETERRENCE.**

17 (a) **REQUIREMENT FOR SECURITY CLASSIFICATION**
18 **GUIDE.**—Not later than 90 days after the date of the en-
19 actment of this Act, the Secretary of Defense shall require
20 the issuance of a security classification guide for each cov-
21 ered program to ensure the protection of sensitive infor-
22 mation from public disclosure.

23 (b) **REQUIREMENTS.**—Each security classification
24 guide issued pursuant to subsection (a) shall be—

25 (1) approved by—

1 (A) the Council on Oversight of the Na-
2 tional Leadership Command, Control, and Com-
3 munications System with respect to covered
4 programs under paragraph (1) or (2) of sub-
5 section (c); or

6 (B) the Nuclear Weapons Council with re-
7 spect to covered programs under paragraph (3)
8 of such subsection; and

9 (2) issued not later than March 19, 2019, with
10 respect to a covered program in existence as of such
11 date.

12 (c) COVERED PROGRAM DEFINED.—In this section,
13 the term “covered program” means programs of the De-
14 partment of Defense in existence on or after the date of
15 the enactment of this Act relating to any of the following:

16 (1) Continuity of government.

17 (2) Nuclear command, control, and communica-
18 tions.

19 (3) Nuclear deterrence.

20 **SEC. 1667. EVALUATION AND ENHANCED SECURITY OF SUP-**
21 **PLY CHAIN FOR NUCLEAR COMMAND, CON-**
22 **TROL, AND COMMUNICATIONS AND CON-**
23 **TINUITY OF GOVERNMENT PROGRAMS.**

24 (a) EVALUATIONS OF SUPPLY CHAIN
25 VULNERABILITIES.—

1 (1) IN GENERAL.—Not later than December 31,
2 2019, and in accordance with the plan under para-
3 graph (2)(A), the Secretary of Defense shall conduct
4 evaluations of the supply chain vulnerabilities of
5 each covered program.

6 (2) PLAN.—

7 (A) DEVELOPMENT.—The Secretary shall
8 develop a plan to carry out the evaluations
9 under paragraph (1).

10 (B) SUBMISSION.—Not later than 180
11 days after the date of the enactment of this
12 Act, the Secretary shall submit to the congress-
13 sional defense committees the plan under sub-
14 paragraph (A).

15 (3) WAIVER.—The Secretary may waive, on a
16 case-by-case basis with respect to a weapons system,
17 a program, or a system of systems, of a covered pro-
18 gram, either the requirement to conduct an evalua-
19 tion under paragraph (1) or the deadline specified in
20 such paragraph if the Secretary certifies to the con-
21 gressional defense committees before such date that
22 all known supply chain vulnerabilities of such weap-
23 ons system, program, or system of systems have
24 minimal consequences for the capability of such
25 weapons system, program, or system of systems to

1 meet operational requirements or otherwise satisfy
2 mission requirements.

3 (4) RISK MITIGATION STRATEGIES.—In car-
4 rying out an evaluation under paragraph (1) with re-
5 spect to a covered program specified in subpara-
6 graph (B) or (C) of subsection (c)(2), the Secretary
7 shall develop strategies for mitigating the risks of
8 supply chain vulnerabilities identified in the course
9 of such evaluation.

10 (b) PRIORITIZATION OF CERTAIN SUPPLY CHAIN
11 RISK MANAGEMENT EFFORTS.—

12 (1) INSTRUCTIONS.—Not later than 180 days
13 after the date of the enactment of this Act, the Sec-
14 retary shall issue a Department of Defense Instruc-
15 tion, or update such an Instruction, establishing the
16 prioritization of supply chain risk management pro-
17 grams, including supply chain risk management
18 threat assessment reporting, to ensure that acquisi-
19 tion and sustainment programs relating to covered
20 programs receive the highest priority of such supply
21 chain risk management programs and reporting.

22 (2) REQUIREMENTS.—

23 (A) ESTABLISHMENT.—The Secretary
24 shall establish requirements to carry out supply
25 chain risk management threat assessment col-

1 lections and analyses under acquisition and
2 sustainment programs relating to covered pro-
3 grams.

4 (B) SUBMISSION.—Not later than 120
5 days after the date of the enactment of this
6 Act, the Secretary shall submit to the appro-
7 priate congressional committees the require-
8 ments established under subparagraph (A).

9 (c) DEFINITIONS.—In this section:

10 (1) The term “appropriate congressional com-
11 mittees” means—

12 (A) the congressional defense committees;
13 and

14 (B) the Permanent Select Committee on
15 Intelligence of the House of Representatives
16 and the Select Committee on Intelligence of the
17 Senate.

18 (2) The term “covered programs” means pro-
19 grams relating to any of the following:

20 (A) Nuclear weapons.

21 (B) Nuclear command, control, and com-
22 munications.

23 (C) Continuity of government.

24 (D) Ballistic missile defense.

1 **SEC. 1668. LIMITATION ON PURSUIT OF CERTAIN COM-**
2 **MAND AND CONTROL CONCEPT.**

3 (a) LIMITATION ON COMMAND AND CONTROL CON-
4 CEPT.—The Secretary of the Air Force may not award
5 a contract for engineering and manufacturing development
6 for the ground-based strategic deterrent program that
7 would result in a command and control concept for such
8 program that consists of less than 15 fixed launch control
9 centers per missile wing unless the Commander of the
10 United States Strategic Command—

11 (1) determines that—

12 (A) the plans of the Secretary for a com-
13 mand and control concept consisting of less
14 than 15 fixed launch control centers per missile
15 wing are appropriate, meet requirements, and
16 do not contain excessive risk;

17 (B) the risks to schedules and costs from
18 such concept are minimized and manageable;

19 (C) the strategy and plan of the Secretary
20 for addressing cyber threats for such concept
21 are robust; and

22 (D) with respect to such concept, the Sec-
23 retary has established an appropriate process
24 for considering and managing trade-offs among
25 requirements relating to survivability, long-term

1 operations and sustainment costs, procurement
2 costs, and military personnel needs; and

3 (2) submits, in writing, to the Secretary and
4 the congressional defense committees such deter-
5 mination.

6 (b) INABILITY TO MAKE DETERMINATION.—If the
7 Secretary proposes to award a contract specified in sub-
8 section (a) and the Commander is unable to make the de-
9 termination under such subsection, the Commander shall
10 submit, in writing, to the Secretary and the congressional
11 defense committees the reasons for not making such deter-
12 mination.

13 (c) NO EFFECT ON COMPETITION.—Nothing in sub-
14 section (a) or (b) shall be construed to affect or prohibit
15 the ability of the Secretary to use fair and open competi-
16 tion procedures in soliciting, evaluating, and awarding
17 contracts for the ground-based strategic deterrent pro-
18 gram.

19 **SEC. 1669. PROCUREMENT AUTHORITY FOR CERTAIN**
20 **PARTS OF INTERCONTINENTAL BALLISTIC**
21 **MISSILE FUZES.**

22 (a) AVAILABILITY OF FUNDS.—Notwithstanding sec-
23 tion 1502(a) of title 31, United States Code, of the
24 amount authorized to be appropriated for fiscal year 2018
25 by section 101 and available for Missile Procurement, Air

1 Force, as specified in the funding table in division D,
2 \$6,334,000 shall be available for the procurement of cov-
3 ered parts pursuant to contracts entered into under sec-
4 tion 1645(a) of the Carl Levin and Howard P. “Buck”
5 McKeon National Defense Authorization Act for Fiscal
6 Year 2015 (Public Law 113–291; 128 Stat. 3651).

7 (b) COVERED PARTS DEFINED.—In this section, the
8 term “covered parts” means commercially available off-
9 the-shelf items as defined in section 104 of title 41, United
10 States Code.

11 **SEC. 1670. SENSE OF CONGRESS ON IMPORTANCE OF INDE-**
12 **PENDENT NUCLEAR DETERRENT OF UNITED**
13 **KINGDOM.**

14 It is the sense of Congress that—

15 (1) nuclear deterrence is foundational to the de-
16 fense and security of the United States and the se-
17 curity of the United States is enhanced by a nuclear-
18 armed ally with common values and security prior-
19 ities;

20 (2) the United States sees the nuclear deterrent
21 of the United Kingdom as central to transatlantic
22 security and welcomes the commitment of the
23 United Kingdom to the North Atlantic Treaty Orga-
24 nization (NATO) to continue to spend two percent
25 of gross domestic product on defense;

1 (3) in the face of increasing threats, the pres-
2 ence of credible nuclear deterrent forces of the
3 United Kingdom is essential to international sta-
4 bility and for NATO;

5 (4) the commitment of the United Kingdom to
6 sustaining an independent nuclear deterrent, de-
7 ployed continuously at sea, provides a vital second
8 decision-making point within the deterrent capability
9 of NATO, creating essential uncertainty in the mind
10 of any potential adversary;

11 (5) the United States Navy must continue to
12 execute the Columbia-class submarine program on
13 time and within budget to ensure that the sea-based
14 leg of the nuclear triad of the United States is sus-
15 tained and the program delivers a Common Missile
16 Compartment, the Trident II (D5) Strategic Weap-
17 on System, and associated equipment and produc-
18 tion capabilities, to support the successful develop-
19 ment and deployment of the Dreadnought sub-
20 marines of the United Kingdom;

21 (6) the support that the United Kingdom pro-
22 vides to deployments of strategic ships and aircraft
23 of the United States at specialized facilities enables
24 a vital part of the deterrence posture of the United
25 States as well as mutual deterrence of adversaries

1 and assurance to the allies and partners of the
2 United States; and

3 (7) the collaboration of the United Kingdom
4 with the United States on the military use of atomic
5 energy ensures a peer in the technology and science
6 of nuclear weapons and provides independent expert
7 peer review of the nuclear programs of the United
8 States, ensuring resilience, and cost effectiveness to
9 the nuclear defense programs of both nations.

10 **SEC. 1671. PROHIBITION ON AVAILABILITY OF FUNDS FOR**

11 **MOBILE VARIANT OF GROUND-BASED STRA-**

12 **TEGIC DETERRENT MISSILE.**

13 (a) PROHIBITION.—None of the funds authorized to
14 be appropriated by this Act or otherwise made available
15 for any of fiscal years 2017 through 2019 may be obli-
16 gated or expended to retain the option for, or develop, a
17 mobile variant of the ground-based strategic deterrent
18 missile.

19 (b) CONFORMING REPEAL.—Section 1664 of the Na-
20 tional Defense Authorization Act for Fiscal Year 2017
21 (Public Law 114–328; 130 Stat. 2615) is repealed.

22 **SEC. 1672. REPORT ON IMPACTS OF NUCLEAR PROLIFERA-**
23 **TION.**

24 (a) SENSE OF CONGRESS.—It is the sense of Con-
25 gress that—

1 (1) nuclear proliferation continues to be a seri-
2 ous threat to the security of the United States;

3 (2) it is critical for the United States to under-
4 stand the impacts of nuclear proliferation and en-
5 sure the necessary policies and resources are in place
6 to prevent the proliferation of nuclear materials and
7 weapons;

8 (3) effectively addressing the danger of states
9 and non-state actors acquiring nuclear weapons or
10 nuclear-weapons-usable material should be a clear
11 priority for United States national security; and

12 (4) Secretary of Defense James Mattis testified
13 before Congress on June 12, 2017, that “nuclear
14 nonproliferation has not received enough attention
15 over quite a few years”.

16 (b) REPORT.—Not later than 90 days after the date
17 of the enactment of this Act, the Secretary of Defense
18 shall submit to the congressional defense committees a re-
19 port containing—

20 (1) a description of the impacts of nuclear pro-
21 liferation on the security of the United States;

22 (2) a description of how the Department of De-
23 fense is contributing to the current strategy to re-
24 spond to the threat of nuclear proliferation, and

1 what resources are being applied to this effort, in-
2 cluding whether there are any funding gaps; and

3 (3) if and how nuclear proliferation is being ad-
4 dressed in the Nuclear Posture Review and other
5 pertinent strategy reviews.

6 **SEC. 1673. MODIFICATION TO ANNUAL REPORT ON PLAN**
7 **FOR THE NUCLEAR WEAPONS STOCKPILE,**
8 **NUCLEAR WEAPONS COMPLEX, NUCLEAR**
9 **WEAPONS DELIVERY SYSTEMS, AND NU-**
10 **CLEAR WEAPONS COMMAND AND CONTROL**
11 **SYSTEM.**

12 Subsection (a)(2)(F) of section 1043 of the National
13 Defense Authorization Act for Fiscal Year 2012 (Public
14 Law 112–81; 125 Stat. 1576), as most recently amended
15 by section 1643 of the Carl Levin and Howard P. “Buck”
16 McKeon National Defense Authorization Act for Fiscal
17 Year 2015 (Public Law 113–291; 128 Stat. 3650), is fur-
18 ther amended by inserting after the period at the end the
19 following: “The Secretary may include information and
20 data for a period beyond such 10-year period if the Sec-
21 retary determines that such information and data is accu-
22 rate and useful in understanding the long-term nuclear
23 modernization plan.”.

1 **SEC. 1674. PROHIBITION ON REDUCTION OF THE INTER-**
2 **CONTINENTAL BALLISTIC MISSILES OF THE**
3 **UNITED STATES.**

4 (a) PROHIBITION.—Except as provided by subsection
5 (b), none of the funds authorized to be appropriated by
6 this Act or otherwise made available for fiscal year 2018
7 for the Department of Defense shall be obligated or ex-
8 pended for—

9 (1) reducing, or preparing to reduce, the re-
10 sponsiveness or alert level of the intercontinental
11 ballistic missiles of the United States; or

12 (2) reducing, or preparing to reduce, the quan-
13 tity of deployed intercontinental ballistic missiles of
14 the United States to a number less than 400.

15 (b) EXCEPTION.—The prohibition in subsection (a)
16 shall not apply to any of the following activities:

17 (1) The maintenance or sustainment of inter-
18 continental ballistic missiles.

19 (2) Ensuring the safety, security, or reliability
20 of intercontinental ballistic missiles.

21 (3) Reduction in the number of deployed inter-
22 continental ballistic missiles that are carried out in
23 compliance with—

24 (A) the limitations of the New START
25 Treaty (as defined in section 494(a)(2)(D) of
26 title 10, United States Code); and

1 (B) section 1644 of the Carl Levin and
2 Howard P. “Buck” McKeon National Defense
3 Authorization Act for Fiscal Year 2015 (Public
4 Law 113–291; 128 Stat. 3651; 10 U.S.C. 494
5 note).

6 **Subtitle F—Missile Defense** 7 **Programs**

8 **SEC. 1681. ADMINISTRATION OF MISSILE DEFENSE AND DE-**
9 **FEAT PROGRAMS.**

10 (a) MAJOR FORCE PROGRAM.—

11 (1) IN GENERAL.—Chapter 9 of title 10, United
12 States Code, is amended by adding at the end the
13 following new section:

14 **“§ 239a. Missile defense and defeat programs: major**
15 **force program and budget assessment**

16 “(a) ESTABLISHMENT OF MAJOR FORCE PRO-
17 GRAM.—The Secretary of Defense shall establish a unified
18 major force program for missile defense and defeat pro-
19 grams pursuant to section 222(b) of this title to prioritize
20 missile defense and defeat programs in accordance with
21 the requirements of the Department of Defense and na-
22 tional security.

23 “(b) BUDGET ASSESSMENT.—(1) The Secretary shall
24 include with the defense budget materials for each of fiscal
25 years 2019 through 2023 a report on the budget for mis-

1 sile defense and defeat programs of the Department of De-
2 fense.

3 “(2) Each report on the budget for missile defense
4 and defeat programs of the Department under paragraph
5 (1) shall include the following:

6 “(A) An overview of the budget, including—

7 “(i) a comparison between that budget, the
8 previous budget, the most recent and prior fu-
9 ture-years defense program submitted to Con-
10 gress under section 221 of this title (such com-
11 parison shall exclude the responsibility for re-
12 search and development of the continuing im-
13 provement of such missile defense and defeat
14 program), and the amounts appropriated for
15 such missile defense and defeat programs dur-
16 ing the previous fiscal year; and

17 “(ii) the specific identification, as a budg-
18 etary line item, for the funding under such pro-
19 grams.

20 “(B) An assessment of the budget, including
21 significant changes, priorities, challenges, and risks.

22 “(C) Any additional matters the Secretary de-
23 termines appropriate.

1 “(3) Each report under paragraph (1) shall be sub-
2 mitted in unclassified form, but may include a classified
3 annex.

4 “(c) DEFINITIONS.—In this section:

5 “(1) The term ‘budget’, with respect to a fiscal
6 year, means the budget for that fiscal year that is
7 submitted to Congress by the President under sec-
8 tion 1105(a) of title 31.

9 “(2) The term ‘defense budget materials’, with
10 respect to a fiscal year, means the materials sub-
11 mitted to Congress by the Secretary of Defense in
12 support of the budget for that fiscal year.

13 “(3) The term ‘missile defense and defeat pro-
14 grams’ means active and passive ballistic missile de-
15 fense programs, cruise missile defense programs for
16 the homeland, and missile defeat programs.”.

17 (2) CLERICAL AMENDMENT.—The table of sec-
18 tions at the beginning of such chapter is amended
19 by inserting after the item relating to section 239
20 the following new item:

“239a. Missile defense and defeat programs: major force program and budget
assessment.”.

21 (b) TRANSITION OF BALLISTIC MISSILE DEFENSE
22 PROGRAMS TO MILITARY DEPARTMENTS.—

23 (1) REQUIREMENT.—Not later than the date on
24 which the budget of the President for fiscal year

1 2020 is submitted under section 1105 of title 31,
2 United States Code, the Secretary of Defense shall
3 transfer the acquisition authority and the total
4 obligational authority for each missile defense pro-
5 gram described in paragraph (2) from the Missile
6 Defense Agency to a military department.

7 (2) MISSILE DEFENSE PROGRAM DESCRIBED.—

8 A missile defense program described in this para-
9 graph is a missile defense program of the Missile
10 Defense Agency that, as of the date specified in
11 paragraph (1), has received Milestone C approval (as
12 defined in section 2366 of title 10, United States
13 Code).

14 (3) REPORT.—

15 (A) IN GENERAL.—Not later than one year
16 after the date of the enactment of this Act, the
17 Secretary of Defense shall submit to the con-
18 gressional defense committees a report on the
19 plans of the Department of Defense for the
20 transition of missile defense programs from the
21 Missile Defense Agency to the military depart-
22 ments pursuant to paragraph (1).

23 (B) SCOPE.—The report under subpara-
24 graph (A) shall cover the period covered by the
25 future-years defense program that is submitted

1 under section 221 of title 10, United States
2 Code, in the year in which such report is sub-
3 mitted.

4 (C) MATTERS INCLUDED.—The report
5 under subparagraph (A) shall include the fol-
6 lowing:

7 (i) An identification of—

8 (I) the missile defense programs
9 planned to be transitioned from the
10 Missile Defense Agency to the military
11 departments; and

12 (II) the missile defense pro-
13 grams, if any, not planned for transi-
14 tion to the military departments.

15 (ii) The schedule for transition of
16 each missile defense program planned to be
17 transitioned to a military department, and
18 an explanation of such schedule.

19 (iii) A description of—

20 (I) the status of the plans of the
21 Missile Defense Agency and the mili-
22 tary departments for the transition of
23 missile defense programs from that
24 agency to the military departments;
25 and

1 (II) the status of any agreement
2 between the Missile Defense Agency
3 and one or more of the military de-
4 partments on the transition of any
5 such program from that agency to the
6 military departments, including any
7 agreement on the operational test cri-
8 teria that must be achieved before
9 such transition.

10 (iv) An identification of the element of
11 the Department of Defense (whether the
12 Missile Defense Agency, a military depart-
13 ment, or both) that will be responsible for
14 funding each missile defense program to be
15 transitioned to a military department, and
16 at what date.

17 (v) A description of the type of funds
18 that will be used (whether funds for re-
19 search, development, test, and evaluation,
20 procurement, military construction, or op-
21 eration and maintenance) for each missile
22 defense program to be transitioned to a
23 military department.

24 (vi) An explanation of the number of
25 systems planned for procurement for each

1 missile defense program to be transitioned
2 to a military department, and the schedule
3 for procurement of each such system.

4 (vii) A description of how the Missile
5 Defense Agency will continue the responsi-
6 bility for the research and development of
7 improvements to missile defense programs.

8 (c) ROLE OF MISSILE DEFENSE AGENCY.—

9 (1) IN GENERAL.—Chapter 8 of title 10, United
10 States Code, is amended by adding at the end the
11 following new section:

12 **“§ 205. Missile Defense Agency**

13 “(a) TERM OF DIRECTOR.—The Director of the Mis-
14 sile Defense Agency shall be appointed for a six-year term.

15 “(b) REPORTING.—The Missile Defense Agency shall
16 be under the authority, direction, and control of the Under
17 Secretary of Defense for Research and Engineering.”.

18 (2) CLERICAL AMENDMENT.—The table of sec-
19 tions at the beginning of subchapter II of such chap-
20 ter is amended by adding at the end the following
21 new item:

“205. Missile Defense Agency.”.

22 (3) APPLICATION.—

23 (A) TERMS.—Subsection (a) of section 205
24 of title 10, United States Code, as added by
25 paragraph (1), shall apply the day following the

1 date on which the present incumbent in the of-
2 fice of the Director of the Missile Defense
3 Agency, as of the date of the enactment of this
4 Act, ceases to serve as such.

5 (B) REPORTING.—Subsection (b) of such
6 section 205 shall apply beginning on February
7 1, 2018. In carrying out such subsection, the
8 Missile Defense Agency shall be under the au-
9 thority, direction, and control of the Under Sec-
10 retary of Defense for Research and Engineering
11 in the same manner as the Missile Defense
12 Agency was under the authority, direction, and
13 control of the Under Secretary of Defense for
14 Acquisition, Technology, and Logistics pursuant
15 to Department of Defense Directive 5134.09.
16 Any reference in such Instruction to the Under
17 Secretary of Defense for Acquisition, Tech-
18 nology, and Logistics shall be deemed to be a
19 reference to the Under Secretary of Defense for
20 Research and Engineering, including with re-
21 spect to the Under Secretary serving as the
22 chairman of the Missile Defense Executive
23 Board.

1 **SEC. 1682. PRESERVATION OF THE BALLISTIC MISSILE DE-**
2 **FENSE CAPACITY OF THE ARMY.**

3 (a) LIMITATION.—None of the funds authorized to
4 be appropriated by this Act or otherwise made available
5 for fiscal year 2018 or any fiscal year thereafter for the
6 Army may be obligated or expended to demilitarize any
7 GEM–T interceptor or remove any such interceptor from
8 the operational inventory of the Army until the date on
9 which the Secretary of the Army submits to the congres-
10 sional defense committees the evaluation conducted under
11 subsection (b).

12 (b) EVALUATION.—The Secretary and the Chief of
13 Staff of the Army shall jointly conduct an evaluation of
14 the ability of the Army to meet warfighter requirements
15 and operational needs if GEM–T interceptors are removed
16 from the operational inventory of the Army. In conducting
17 such evaluation, the Secretary and the Chief of Staff shall
18 evaluate whether the Army can maintain an inventory of
19 interceptors necessary to retain the capability provided by
20 GEM–T interceptors and to meet such operational needs
21 by either—

22 (1) recertifying GEM–T interceptors (either
23 with or without modification); or

24 (2) developing, testing, and fielding a new low-
25 cost interceptor that can be placed on the oper-

1 ational inventory of the Army prior to the retirement
2 of GEM-T interceptors.

3 (c) EXCEPTION.—The limitation in subsection (a)
4 shall not apply to activities that the Secretary determines
5 are critical to the safety of GEM–T interceptors.

6 (d) GEM–T INTERCEPTOR DEFINED.—In this sec-
7 tion, the term “GEM–T interceptor” means the Patriot
8 guidance enhanced missile TBM.

9 **SEC. 1683. MODERNIZATION OF ARMY LOWER TIER AIR AND**
10 **MISSILE DEFENSE SENSOR.**

11 (a) APPROVAL OF ACQUISITION STRATEGY.—

12 (1) IN GENERAL.—Not later than April 15,
13 2018, the Secretary of the Army shall issue an ac-
14 quisition strategy for a 360-degree lower tier air and
15 missile defense sensor that achieves initial operating
16 capability by not later than January 1, 2022.

17 (2) REQUIREMENTS.—The acquisition strategy
18 under paragraph (1) shall—

19 (A) ensure the use of competitive proce-
20 dures;

21 (B) clearly describe the open-architecture
22 design to be used;

23 (C) provide a comprehensive fielding plan
24 that provides 360-degree lower tier air and mis-

1 sile defense sensor capability to all units of the
2 Army by not later than January 1, 2026;

3 (D) define the operation and sustainment
4 cost savings of the acquisition strategy and
5 other acquisition options of the Army;

6 (E) identify any programmatic cost avoid-
7 ance that could be achieved through co-produc-
8 tion, co-development, or foreign military sales;

9 (F) ensure the fielding of an interim gap-
10 filler capability to the highest priority forces
11 (consisting of not less than three battalions) for
12 imminent threats; and

13 (G) identify the estimated cost to field
14 both the 360-degree lower tier air and missile
15 defense sensor capability and the interim capa-
16 bility pursuant to subparagraph (E).

17 (3) LIMITATION.—If the Secretary of the Army
18 does not issue the acquisition strategy under sub-
19 section (a) by April 15, 2018, none of the funds au-
20 thorized to be appropriated by this Act or otherwise
21 made available for fiscal year 2018 for the lower tier
22 air and missile defense sensor of the Army that are
23 unobligated as of such date may be obligated or ex-
24 pended.

25 (b) CONDITIONAL TRANSFER.—

1 (1) MDA.—If the Secretary of the Army does
2 not issue the acquisition strategy under subsection
3 (a) by April 15, 2018, the Secretary of Defense shall
4 transfer from the Secretary of the Army to the Di-
5 rector of the Missile Defense Agency—

6 (A) the responsibility to issue the acquisi-
7 tion strategy described in subsection (a) by not
8 later than December 15, 2018; and

9 (B) beginning on the date of such ap-
10 proval, the responsibility to implement such ac-
11 quisition strategy to procure a 360-degree lower
12 tier air and missile defense sensor.

13 (2) ARMY.—If the Secretary of Defense carries
14 out the transfer under paragraph (1), after the 360-
15 degree lower tier air and missile defense sensor
16 achieves Milestone B approval (or equivalent), but
17 before such sensor achieves Milestone C approval (or
18 equivalent), the Secretary of Defense shall transfer
19 from the Director of the Missile Defense Agency to
20 the Secretary of the Army the responsibility to pro-
21 cure such sensor.

22 (c) DEFINITIONS.—The terms “Milestone B ap-
23 proval” and “Milestone C approval” have the meanings
24 given those terms in section 2366 of title 10, United
25 States Code.

1 **SEC. 1684. ENHANCEMENT OF OPERATIONAL TEST AND**
2 **EVALUATION OF BALLISTIC MISSILE DE-**
3 **FENSE SYSTEM.**

4 (a) INTEGRATION OF PATRIOT MISSILES INTO INTE-
5 GRATED MASTER TEST PLAN.—Not later than 90 days
6 after the date of the enactment of this Act, the Director
7 of the Missile Defense Agency, the Director of Operational
8 Test and Evaluation, the Secretary of the Army, and the
9 Secretary of the Navy shall jointly ensure that—

10 (1) the test plans of the Integrated Master Test
11 Plan of the ballistic missile defense system include
12 planned tests activity of the lower tier ballistic mis-
13 sile defenses of the Army;

14 (2) such plans prioritize the integration of such
15 defenses with elements of the ballistic missile de-
16 fense system; and

17 (3) such plans are clearly described in such In-
18 tegrated Master Test Plan.

19 (b) NORMALIZING OPERATIONAL TEST AND EVALUA-
20 TION.—

21 (1) CONDITION FOR PROCEEDING BEYOND
22 LOW-RATE INITIAL PRODUCTION.—Section
23 2399(a)(1) of title 10, United States Code, is
24 amended by striking “or a covered designated major
25 subprogram” and inserting “a covered designated

1 major subprogram, or an element of the ballistic
2 missile defense system”.

3 (2) CONFORMING REPEAL.—Section 1662 of
4 the Carl Levin and Howard P. “Buck” McKeon Na-
5 tional Defense Authorization Act for Fiscal Year
6 2015 (Public Law 113–291; 10 U.S.C. 2431 note)
7 is repealed.

8 **SEC. 1685. DEFENSE OF HAWAII FROM NORTH KOREAN**
9 **BALLISTIC MISSILE ATTACK.**

10 (a) FINDINGS; SENSE OF CONGRESS.—

11 (1) FINDINGS.—Congress finds the following:

12 (A) The North Korean ballistic missile
13 threat to the United States, including Hawaii,
14 is growing rapidly.

15 (B) Since Kim Jong-un took power in
16 2012, North Korea has conducted 78 ballistic
17 missile tests, of which 61 are considered to have
18 been successful.

19 (C) The existing ballistic missile defense
20 protection for Hawaii, including the ground-
21 based midcourse defense system in Alaska, and
22 the sea-based x-band radar, provide limited bal-
23 listic missile defense capabilities today.

24 (D) Through use of existing ballistic mis-
25 sile defense assets, including AN/TPY–2 radars

1 and the Aegis Ashore Site located on the Pa-
2 cific Missile Range Facility, the ballistic missile
3 defense of Hawaii could benefit from a near-
4 term improvement by adding a layer of defense.

5 (E) The proposed program of record for a
6 medium range discriminating radar to be fully
7 mission capable after 2023 would leave the de-
8 fense of Hawaii dependent only on the ground-
9 based midcourse defense system in Alaska, and
10 the sea-based x-band radar until that time,
11 while the threat to the United States, including
12 Hawaii, from North Korean ballistic missiles
13 continues to grow.

14 (F) The National Defense Authorization
15 Act for Fiscal Year 2017 (Public Law 114-
16 328) required that the Missile Defense Agency
17 plan to provide additional ballistic missile de-
18 fense sensor coverage for the defense of Hawaii
19 and “field such radar or equivalent sensor by
20 not later than December 31, 2021”.

21 (G) When asked at a hearing of the Com-
22 mittee on Armed Services of the House of Rep-
23 resentatives on April 26, 2017, about the threat
24 to Hawaii from North Korean ballistic missiles,
25 the Commander of the United States Pacific

1 Command, Admiral Harry Harris, testified that
2 “Kim Jong-un is clearly in a position to threat-
3 en Hawaii today. . .I believe that our ballistic
4 missile (defense) architecture is sufficient to
5 protect Hawaii today. But it can be over-
6 whelmed” and “I think that we would be better
7 served, my personal opinion, is that we would
8 be better served with a defensive Hawaii radar
9 and interceptors in Hawaii. I know that is
10 being discussed”.

11 (2) SENSE OF CONGRESS.—It is the sense of
12 Congress that Congress supports assessing the feasi-
13 bility of improving the missile defense of Hawaii
14 from the evolving ballistic missile threat, including
15 from North Korea, through a permanent missile de-
16 fense sensor capability and the possible introduction
17 of interim missile defense coverage.

18 (b) SEQUENCED APPROACH.—The Secretary of De-
19 fense shall protect the test and training operations of the
20 Pacific Missile Range Facility, and assess the siting and
21 functionality of a discrimination radar for homeland de-
22 fense throughout the Hawaiian Islands before assessing
23 the feasibility of improving the missile defense of Hawaii
24 by using existing missile defense assets that could materi-
25 ally improve the defense of Hawaii.

1 (c) TEST.—The Director of the Missile Defense
2 Agency shall—

3 (1) not later than 270 days after the date of
4 the enactment of this Act, conduct a test to evaluate
5 and demonstrate, if technologically feasible, the ca-
6 pability to defeat a simple intercontinental ballistic
7 missile threat using the standard missile 3 block IIA
8 missile interceptor; and

9 (2) as part of the integrated master test plan
10 for the ballistic missile defense system, develop a
11 plan to demonstrate a capability to defeat a complex
12 intercontinental ballistic missile threat, including a
13 complex threat posed by the intercontinental ballistic
14 missiles of North Korea.

15 (d) REPORT.—Not later than 120 days after the date
16 of the enactment of this Act, the Secretary of Defense
17 shall submit to the congressional defense committees a re-
18 port—

19 (1) that indicates whether demonstrating an
20 intercontinental ballistic missile defense capability
21 against North Korean ballistic missiles by the stand-
22 ard missile 3 block IIA missile interceptor poses any
23 risks to strategic stability; and

24 (2) if the Secretary determines under para-
25 graph (1) that such demonstration poses such risks

1 to strategic stability, a description of the plan devel-
2 oped and implemented by the Secretary to address
3 and mitigate such risks, as determined appropriate
4 by the Secretary.

5 **SEC. 1686. AEGIS ASHORE ANTI-AIR WARFARE CAPABILITY.**

6 (a) **AUTHORIZATION.**—Using funds authorized to be
7 appropriated by sections 101 and 201 of this Act or other-
8 wise made available for fiscal year 2018 for procurement
9 and research, development, test, and evaluation, as speci-
10 fied in the funding tables in division D, the Secretary of
11 Defense shall continue the development, procurement, and
12 deployment of anti-air warfare capabilities at each Aegis
13 Ashore site in Romania and Poland. The Secretary shall
14 ensure the deployment of such capabilities—

15 (1) at such sites in Romania by not later than
16 one year after the date of the enactment of this Act;
17 and

18 (2) at such sites in Poland by not later than
19 one year after the declaration of operational status
20 for such sites.

21 (b) **REPROGRAMMING AND TRANSFERS.**—Any re-
22 programming or transfer made to carry out subsection (a)
23 shall be carried out in accordance with established proce-
24 dures for reprogramming or transfers.

1 **SEC. 1687. IRON DOME SHORT-RANGE ROCKET DEFENSE**
2 **SYSTEM, ISRAELI COOPERATIVE MISSILE DE-**
3 **FENSE PROGRAM CODEVELOPMENT AND CO-**
4 **PRODUCTION, AND ARROW 3 TESTING.**

5 (a) IRON DOME SHORT-RANGE ROCKET DEFENSE
6 SYSTEM.—

7 (1) AVAILABILITY OF FUNDS.—Of the funds
8 authorized to be appropriated by this Act or other-
9 wise made available for fiscal year 2018 for procure-
10 ment, Defense-wide, and available for the Missile
11 Defense Agency, not more than \$92,000,000 may be
12 provided to the Government of Israel to procure sys-
13 tem components for the Iron Dome Defense short-
14 range rocket defense program, through the co-
15 production of such system components in the United
16 States by industry of the United States.

17 (2) CONDITIONS.—

18 (A) AGREEMENT.—Funds described in
19 paragraph (1) for the Iron Dome short-range
20 rocket defense program shall be available sub-
21 ject to the terms and conditions in the Agree-
22 ment Between the Department of Defense of
23 the United States of America and the Ministry
24 of Defense of the State of Israel Concerning
25 Iron Dome Defense System Procurement,
26 signed on March 5, 2014, subject to an amend-

1 ed bilateral international agreement for co-
2 production for Tamir interceptors. In negotia-
3 tions by the Missile Defense Agency and the
4 Missile Defense Organization of the Govern-
5 ment of Israel regarding such production, the
6 goal of the United States is to maximize oppor-
7 tunities for coproduction of the Tamir intercep-
8 tors described in paragraph (1) in the United
9 States by industry of the United States.

10 (B) CERTIFICATION.—Not later than 30
11 days prior to the initial obligation of funds de-
12 scribed in paragraph (1), the Director of the
13 Missile Defense Agency and the Under Sec-
14 retary of Defense for Acquisition, Technology,
15 and Logistics shall jointly submit to the appro-
16 priate congressional committees—

17 (i) a certification that the amended bi-
18 lateral international agreement specified in
19 subparagraph (A) is being implemented as
20 provided in such agreement; and

21 (ii) an assessment detailing any risks
22 relating to the implementation of such
23 agreement.

24 (b) ISRAELI COOPERATIVE MISSILE DEFENSE PRO-
25 GRAM CODEVELOPMENT AND COPRODUCTION.—

1 (1) IN GENERAL.—Subject to paragraph (2), of
2 the funds authorized to be appropriated for fiscal
3 year 2018 for procurement, Defense-wide, and avail-
4 able for the Missile Defense Agency—

5 (A) not more than \$221,500,000 may be
6 provided to the Government of Israel for the
7 David’s Sling Weapon System Program, of
8 which not more than \$120,000,000 may be
9 used to procure the David’s Sling Weapon Sys-
10 tem, including for coproduction of parts and
11 components in the United States by United
12 States industry; and

13 (B) not more than \$287,300,000 may be
14 provided to the Government of Israel for the
15 Arrow Weapon System, including the Arrow 3
16 Upper Tier System, of which not more than
17 \$120,000,000 may be used to procure the
18 Arrow 3 Upper Tier Interceptor System, includ-
19 ing for coproduction of parts and components
20 in the United States by United States industry.

21 (2) CERTIFICATION.—

22 (A) CRITERIA.—Except as provided by
23 paragraph (3), the Under Secretary of Defense
24 for Acquisition, Technology, and Logistics shall

1 submit to the appropriate congressional com-
2 mittees a certification that—

3 (i) the Government of Israel has dem-
4 onstrated the successful completion of the
5 knowledge points, technical milestones, and
6 production readiness reviews required by
7 the research, development, and technology
8 agreements for the David’s Sling Weapon
9 System and the Arrow 3 Upper Tier De-
10 velopment Program, respectively;

11 (ii) funds specified in subparagraphs
12 (A) and (B) of paragraph (1) will be pro-
13 vided on the basis of a one-for-one cash
14 match made by Israel for such respective
15 systems or in another matching amount
16 that otherwise meets best efforts (as mutu-
17 ally agreed to by the United States and
18 Israel);

19 (iii) the United States has entered
20 into a bilateral international agreement
21 with Israel that establishes, with respect to
22 the use of such funds—

23 (I) in accordance with clause (iv),
24 the terms of coproduction of parts
25 and components of such respective

1 systems on the basis of the greatest
2 practicable coproduction of parts,
3 components, and all-up rounds (if ap-
4 propriate) by United States industry
5 and minimizes nonrecurring engineer-
6 ing and facilitization expenses to the
7 costs needed for coproduction;

8 (II) complete transparency on the
9 requirement of Israel for the number
10 of interceptors and batteries of such
11 respective systems that will be pro-
12 cured, including with respect to the
13 procurement plans, acquisition strat-
14 egy, and funding profiles of Israel;

15 (III) technical milestones for co-
16 production of parts and components
17 and procurement of such respective
18 systems; and

19 (IV) joint approval processes for
20 third-party sales of such respective
21 systems and the components of such
22 respective systems;

23 (iv) the level of coproduction described
24 in clause (iii)(I) for the Arrow 3 Upper
25 Tier Interceptor Program and the David's

1 Sling Weapon System is not less than 50
2 percent; and

3 (v) there is a separate, clear plan for
4 each of the David's Sling Weapon System
5 and the Arrow 3 Upper Tier Interceptor
6 Program for improving the affordability of
7 the respective system, and each such plan
8 is approved by a United States-Israeli joint
9 working group on cost-reduction for such
10 respective system.

11 (B) NUMBER.—In carrying out subpara-
12 graph (A), the Under Secretary may submit—

13 (i) one certification covering both the
14 David's Sling Weapon System and the
15 Arrow 3 Upper Tier Interceptor Program;
16 or

17 (ii) separate certifications for each re-
18 spective system.

19 (C) TIMING.—The Under Secretary shall
20 submit to the congressional defense committees
21 the certification under subparagraph (A) by not
22 later than 60 days before the funds specified in
23 paragraph (1) for the respective system covered
24 by the certification are provided to the Govern-
25 ment of Israel.

1 (3) WAIVER.—The Under Secretary may waive
2 the certification required by paragraph (2) if the
3 Under Secretary certifies to the appropriate congress-
4 sional committees that the Under Secretary has re-
5 ceived sufficient data from the Government of Israel
6 to demonstrate—

7 (A) the funds specified in subparagraphs
8 (A) and (B) of paragraph (1) are provided to
9 Israel solely for funding the procurement of
10 long-lead components and critical hardware in
11 accordance with a production plan, including a
12 funding profile detailing Israeli contributions
13 for production, including long-lead production,
14 of either David’s Sling Weapon System or the
15 Arrow 3 Upper Tier Interceptor Program;

16 (B) such long-lead components have suc-
17 cessfully completed knowledge points, technical
18 milestones, and production readiness reviews;
19 and

20 (C) the long-lead procurement will be con-
21 ducted in a manner that maximizes coproduc-
22 tion in the United States without incurring
23 nonrecurring engineering activity or cost other
24 than such activity or cost required for suppliers

1 of the United States to start or restart produc-
2 tion in the United States.

3 (4) BRIEFING.—Not later than 30 days after
4 the date on which both plans described in paragraph
5 (2)(A)(v) are completed, the Under Secretary shall
6 provide to the appropriate congressional committees
7 a joint briefing on such plans.

8 (c) LIMITATION ON AVAILABILITY OF FUNDING FOR
9 CERTAIN ARROW 3 TESTING.—Of the funds authorized
10 to be appropriated by this Act or otherwise made available
11 for fiscal year 2018 for the Missile Defense Agency, not
12 more than \$105,000,000 may be obligated or expended
13 for—

14 (1) testing of the Arrow 3 Upper Tier Develop-
15 ment Program that is carried out at ranges located
16 in the United States; and

17 (2) expenses relating to such testing that the
18 Director determines to be required and appropriate.

19 (d) CROSS REFERENCE.—The amounts and purposes
20 referred to in this section correspond to amounts specified
21 for such purposes in the funding tables in division D.

22 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
23 FINED.—In this section, the term “appropriate congres-
24 sional committees” means the following:

25 (1) The congressional defense committees.

1 (2) The Committee on Foreign Affairs of the
2 House of Representatives and the Committee on
3 Foreign Relations of the Senate.

4 **SEC. 1688. REVIEW OF PROPOSED GROUND-BASED MID-**
5 **COURSE DEFENSE SYSTEM CONTRACT.**

6 (a) **LIMITATION ON CHANGES TO CONTRACTING**
7 **STRATEGY.**—The Director of the Missile Defense Agency
8 may not change the contracting strategy for the systems
9 integration, operations, and test of the ground-based mid-
10 course defense system until the date on which—

11 (1) the report under subsection (b)(3) is sub-
12 mitted to the congressional defense committees; and

13 (2) a period of 30 days has elapsed following
14 the date of such submission.

15 (b) **REVIEW.**—

16 (1) **IN GENERAL.**—The Director of Cost Assess-
17 ment and Program Evaluation shall conduct a re-
18 view of the contract for the systems integration, op-
19 erations, and test of the ground-based midcourse de-
20 fense system. Such review shall include the fol-
21 lowing:

22 (A) Contract performance of current in-
23 dustry-led prime contract approach, including
24 with respect to—

1 (i) system readiness performance and
2 reliability growth;

3 (ii) development, integration, and
4 fielding of new homeland defense capabili-
5 ties; and

6 (iii) cost performance against baseline
7 contract.

8 (B) With respect to alternate contracting
9 approaches—

10 (i) an enumeration and detailing of
11 any specific benefits for each such alter-
12 nate approach;

13 (ii) an identification of specific costs
14 to switching to each such alternate ap-
15 proach; and

16 (iii) detailing of the specific risks of
17 each such alternate approach to homeland
18 defense, including regarding schedule,
19 costs, and the sustainment, maintenance,
20 development, and fielding, of integrated ca-
21 pabilities.

22 (C) With respect to contracting approaches
23 that transition to Federal Government-led sys-
24 tems engineering integration and test—

1 (i) an enumeration of the processes,
2 procedures, and command media that have
3 been established by the Missile Defense
4 Agency and proven to be effective for the
5 execution of programs that are of the scale
6 of the ground-based midcourse defense sys-
7 tem; and

8 (ii) the manner in which a new con-
9 tract will control for growth in the per-
10 sonnel and support contracts of the Fed-
11 eral Government to support cost growth
12 and minimize the risk of schedule delay.

13 (D) A baseline for historical and current
14 staffing of the ground-based midcourse defense
15 system program, specifically with respect to
16 personnel of the Federal Government, personnel
17 of federally funded research and development
18 centers, personnel of departments and agencies
19 of the Federal Government, and support con-
20 tractors.

21 (E) Projections of the staffing categories
22 specified in subparagraph (D) under a new con-
23 tracting strategy and how such staffing cat-
24 egories will be limited to prevent significant

1 cost growth and to minimize the risk of sched-
2 ule delays.

3 (F) The views and recommendations of the
4 Director for any changes the current ground-
5 based midcourse defense system contract or a
6 new contract, including the proposed con-
7 tracting strategy of the Missile Defense Agency.

8 (G) Any other such matters the Director
9 determines appropriate.

10 (2) TRANSMISSION.—The Director of Cost As-
11 sessment and Program Evaluation shall transmit to
12 the Under Secretary of Defense for Research and
13 Engineering and the Missile Defense Executive
14 Board the review under paragraph (1).

15 (3) REPORT.—Not later than 30 days after the
16 date on which the Under Secretary and the Missile
17 Defense Executive Board receive the review under
18 paragraph (1), the Under Secretary and Board shall
19 jointly submit to the congressional defense commit-
20 tees a report containing—

21 (A) the review, without change; and

22 (B) any views and recommendations of the
23 Under Secretary and the Board on such review.

1 **SEC. 1689. SENSE OF CONGRESS AND PLAN FOR DEVELOP-**
2 **MENT OF SPACE-BASED SENSOR LAYER FOR**
3 **BALLISTIC MISSILE DEFENSE.**

4 (a) SENSE OF CONGRESS.—It is the sense of Con-
5 gress that—

6 (1) the defense of the homeland, the deployed
7 members of the Armed Forces, and the allies of the
8 United States against the threat of attack by bal-
9 listic and hypersonic missiles is the highest priority
10 of the Missile Defense Agency;

11 (2) the Missile Defense Agency, and the De-
12 fense Agencies and combat support agencies, must
13 prioritize the design, development, and deployment
14 of the space-based missile defense sensor layer;

15 (3) a space-based missile defense sensor layer is
16 essential for the future of the missile defense of the
17 homeland, the deployed members of the Armed
18 Forces, and the allies of the United States; and

19 (4) such a space-based layer can, and should,
20 benefit a multitude of other important defense and
21 intelligence requirements, including targeting and
22 space situational awareness.

23 (b) DEVELOPMENT.—After the date on which the Di-
24 rector of the Missile Defense Agency submits the plan
25 under subsection (c), the Director, in coordination with
26 the Secretary of the Air Force and the heads of the De-

1 fense Agencies and combat support agencies that the Di-
2 rector determines appropriate, shall develop a space-based
3 ballistic missile defense sensor layer that—

4 (1) provides missile defense engagement quality
5 precision tracking data of the United States begin-
6 ning in the boost phase and continuing throughout
7 subsequent flight regimes; and

8 (2) serves other defense and intelligence re-
9 quirements for intelligence, surveillance, and recon-
10 naissance, including targeting and space situational
11 awareness; and

12 (3) achieves an operational prototype payload at
13 the earliest practicable date.

14 (c) SPACE-BASED MISSILE DEFENSE SENSOR LAYER
15 PLAN.—Not later than one year after the date of the en-
16 actment of this Act, the Director shall submit to the ap-
17 propriate congressional committees a plan that includes—

18 (1) how the Director will carry out subsection
19 (b), including with respect to the estimated costs—

20 (A) for the operational prototype payload
21 specified in paragraph (3) of such subsection;
22 and

23 (B) to develop, acquire, and deploy, and
24 the lifecycle costs to operate and sustain, a

1 space-based sensor layer and support systems
2 to provide global missile defense coverage;

3 (2) an assessment of the maturity of critical
4 technologies necessary to make operational such a
5 space-based sensor layer, and recommendations for
6 any research and development activities to rapidly
7 mature such technologies;

8 (3) an assessment of what capabilities such a
9 space-based sensor layer can contribute that other
10 sensor layers do not contribute;

11 (4) how the Director will leverage the use of na-
12 tional technical means, commercially available space
13 and terrestrial capabilities, hosted payloads, small
14 satellites, and other capabilities to carry out sub-
15 section (b); and

16 (5) any other matters the Director determines
17 appropriate.

18 (d) DEFINITIONS.—In this section:

19 (1) The term “appropriate congressional com-
20 mittees” means—

21 (A) the congressional defense committees;

22 and

23 (B) the Select Committee on Intelligence
24 of the Senate and the Permanent Select Com-

1 committee on Intelligence of the House of Rep-
2 resentatives.

3 (2) The term “combat support agency” has the
4 meaning given that term in section 193(f) of title
5 10, United States Code.

6 (3) The term “Defense Agency” has the mean-
7 ing given that term in section 101(a)(11) of title 10,
8 United States Code.

9 **SEC. 1690. SENSE OF CONGRESS AND PLAN FOR DEVELOP-**
10 **MENT OF SPACE-BASED BALLISTIC MISSILE**
11 **INTERCEPT LAYER.**

12 (a) SENSE OF CONGRESS.—It is the sense of Con-
13 gress that—

14 (1) a space-based missile defense layer will ex-
15 ploit the natural advantages of space systems and
16 integrate them into the ballistic missile defense sys-
17 tem; and

18 (2) these advantages include—

19 (A) a 24/7 global presence to defend
20 against asymmetric threats;

21 (B) access to geographically denied areas;

22 (C) an ability to close a global fire control
23 loop for such system;

24 (D) complementing existing terrestrial ca-
25 pabilities; and

1 (E) increasing the overall survivability and
2 resilience of the entire national missile defense
3 system.

4 (b) DEVELOPMENT.—The Director of the Missile De-
5 fense Agency shall develop a space-based ballistic missile
6 intercept layer to the ballistic missile defense system that
7 is—

8 (1) regionally focused;

9 (2) capable of providing boost-phase defense;

10 and

11 (3) achieves an operational capability at the
12 earliest practicable date.

13 (c) SPACE-BASED BALLISTIC MISSILE INTERCEPT
14 LAYER PLAN.—Not later than one year after the date of
15 the enactment of this Act, the Director shall submit to
16 the appropriate congressional committees a plan to carry
17 out subsection (b) during the five-year period following the
18 date of the plan. Such plan shall include the following:

19 (1) A concept definition phase consisting of
20 multiple awarded contracts to identify feasible solu-
21 tions consistent with architectural principles, per-
22 formance goals, and price points established by the
23 Director, such as contracts relating to—

24 (A) refined requirements;

25 (B) conceptual designs;

- 1 (C) technology readiness assessments;
- 2 (D) critical technical and operational
- 3 issues;
- 4 (E) cost, schedule, performance estimates;
- 5 and
- 6 (F) risk reduction plans.

7 (2) A technology risk reduction phase consisting
8 of up to three competitively awarded contracts fo-
9 cused on maturing, integrating, and characterizing
10 key technologies, algorithms, components, and sub-
11 systems, such as contracts relating to—

- 12 (A) refined concepts and designs;
- 13 (B) engineering trade studies;
- 14 (C) medium-to-high fidelity digital rep-
- 15 resentations of the space-based ballistic missile
- 16 intercept weapon system; and
- 17 (D) a proposed integration and test se-
- 18 quence that could potentially lead to a live-fire
- 19 boost phase intercept during fiscal year 2022.

20 (3) During the technology risk reduction phase,
21 contractors will define proposed demonstrations to a
22 preliminary design review level prior to a technology
23 development phase down-select.

24 (4) A technology development phase consisting
25 of two competitively awarded contracts to mature

1 the preferred space-based ballistic missile intercept
2 weapon system concepts and to potentially conduct
3 a live-fire boost phase intercept fly-off during fiscal
4 year 2022 with brassboard hardware and prototype
5 software on a path to the operational goal.

6 (5) A concurrent space-based ballistic missile
7 intercept weapon system fire control test bed activity
8 that incrementally incorporates modeling and sim-
9 ulation elements, real-world data, hardware, algo-
10 rithms, and systems to evaluate with increasing con-
11 fidence the performance of evolving designs and con-
12 cepts of such weapon system from target detection
13 to intercept.

14 (6) Any other matters the Director determines
15 appropriate.

16 (d) ESTABLISHMENT OF SPACE TEST BED.—In car-
17 rying out subsection (b), the Director of the Missile De-
18 fense Agency shall establish a space test bed to—

19 (1) conduct research and development regard-
20 ing options for a space-based defensive layer, includ-
21 ing with respect to space-based interceptors and di-
22 rected energy platforms; and

23 (2) identify the most cost-efficient and prom-
24 ising technological solutions to implementing such
25 layer.

1 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
2 FINED.—In this section, the term “appropriate congres-
3 sional committees” means—

- 4 (1) the congressional defense committees; and
- 5 (2) the Select Committee on Intelligence of the
6 Senate and the Permanent Select Committee on In-
7 telligence of the House of Representatives.

8 **SEC. 1691. LIMITATION ON AVAILABILITY OF FUNDS FOR**
9 **GROUND-BASED MIDCOURSE DEFENSE ELE-**
10 **MENT OF THE BALLISTIC MISSILE DEFENSE**
11 **SYSTEM.**

12 Of the funds authorized to be appropriated by this
13 Act or otherwise made available for fiscal year 2018 for
14 the ground-based midcourse defense element of the bal-
15 listic missile defense system, \$50,000,000 may not be obli-
16 gated or expended until the date on which the Secretary
17 of Defense provides to the congressional defense commit-
18 tees—

- 19 (1) a written certification that the risk of mis-
20 sion failure of ground-based midcourse interceptor
21 enhanced kill vehicles due to foreign object debris
22 has been minimized; or
- 23 (2) if the certification under paragraph (1) can-
24 not be made, a briefing on the corrective measures

1 that will be carried out to minimize such risk, in-
2 cluding—

3 (A) a timeline for the implementation of
4 the measures; and

5 (B) the estimated cost of implementing the
6 measures.

7 **SEC. 1692. CONVENTIONAL PROMPT GLOBAL STRIKE WEAP-**
8 **ONS SYSTEM.**

9 (a) **EARLY OPERATIONAL CAPABILITY.**—The Sec-
10 retary of Defense, in coordination with the Chairman of
11 the Joint Chiefs of Staff, shall plan to reach early oper-
12 ational capability for the conventional prompt strike weap-
13 on system by not later than September 30, 2022.

14 (b) **LIMITATION ON AVAILABILITY OF FUNDS.**—Of
15 the funds authorized to be appropriated by this Act or
16 otherwise made available for fiscal year 2018 for research,
17 development, test, and evaluation, Defense-wide, for the
18 conventional prompt global strike weapons system, not
19 more than 50 percent may be obligated or expended until
20 the date on which the Chairman of the Joint Chiefs of
21 Staff, in consultation with the Chief of Staff of the Army,
22 the Commander of the United States European Command,
23 the Commander of the United States Pacific Command,
24 and the Commander of the United States Strategic Com-

1 mand, submits to the congressional defense committees,
2 a report on—

3 (1) the required level of resources that is con-
4 sistent with the level of priority assigned to the asso-
5 ciated capability gap;

6 (2) the estimated period for the delivery of a
7 medium-range early operational capability, the re-
8 quired level of resources necessary to field a me-
9 dium-range conventional prompt global strike weap-
10 on within the United States (including the territories
11 and possessions of the United States), and a detailed
12 plan consistent with the urgency of the associated
13 capability gap across multiple platforms;

14 (3) the joint performance requirements that—

15 (A) ensure interoperability, where appro-
16 priate, between and among joint military capa-
17 bilities; and

18 (B) are necessary, as designated by the
19 Chairman of the Joint Chiefs of Staff, to fulfill
20 capability gaps of more than one military de-
21 partment, Defense Agency, or other element of
22 the Department; and

23 (4) in coordination with the Secretary of De-
24 fense, any plan (including policy options) considered
25 appropriate to address any potential risks of ambi-

1 guity from the launch or employment of such a ca-
2 pability.

3 **SEC. 1693. DETERMINATION OF LOCATION OF CONTI-**
4 **NENTAL UNITED STATES INTERCEPTOR SITE.**

5 (a) DETERMINATION.—Not later than 30 days after
6 the date on which the Ballistic Missile Defense Review is
7 issued, the Secretary of Defense shall determine the loca-
8 tion of a potential additional continental United States in-
9 terceptor site. In making such determination, the Sec-
10 retary shall consider the full spectrum of contributing fac-
11 tors, including with respect to each of the following:

12 (1) Strategic and operational effectiveness, in-
13 cluding with respect to the location that is the most
14 advantageous site to the continental United States,
15 including by having the capability to provide shoot-
16 assess-shoot coverage to the entire continental
17 United States.

18 (2) Existing infrastructure at the location.

19 (3) Economic impacts.

20 (4) Public support.

21 (5) Cost to construct and operate.

22 (b) REPORT.—Not later than 30 days after making
23 the determination described in subsection (a), the Sec-
24 retary shall submit to the congressional defense commit-
25 tees a report detailing all of the contributing factors con-

1 sidered by the Secretary in making such determination,
2 including any other factors that the Secretary considered,
3 including any relevant recommendations of the Ballistic
4 Missile Defense Review.

5 **SEC. 1694. NORTH KOREAN NUCLEAR INTERCONTINENTAL**
6 **BALLISTIC MISSILES.**

7 Not later than 180 days after the date of the enact-
8 ment of this Act, the Secretary shall provide to the con-
9 gressional defense committees a briefing on the hazards
10 or risks posed directly or indirectly by the nuclear ambi-
11 tions of North Korea, focusing upon—

12 (1) the development and deployment of inter-
13 continental ballistic missiles or nuclear weapons;

14 (2) the consequences to the United States, the
15 interests of the United States, and allies of the
16 United States of North Korea's nuclear and missile
17 programs;

18 (3) a plan to deter and defend against such
19 threats from North Korea;

20 (4) protecting vital interest and capabilities of
21 the United States in space from such threats from
22 North Korea; and

23 (5) the potential damage or destruction caused
24 by such missiles to satellites and space stations, in-
25 cluding magnetic fields such as the Van Allen belts.

1 **SEC. 1694A. BOOST PHASE BALLISTIC MISSILE DEFENSE.**

2 (a) INITIAL OPERATIONAL DEPLOYMENT.—The Sec-
 3 retary of Defense shall ensure that an effective interim
 4 kinetic or directed energy boost phase ballistic missile de-
 5 fense capability is available for initial operational deploy-
 6 ment not later than December 31, 2020.

7 (b) PLAN.—Together with the budget of the Presi-
 8 dent submitted to Congress under section 1105(a) of title
 9 31, United States Code, for fiscal year 2019, the Secretary
 10 of Defense shall submit to the congressional defense com-
 11 mittees a plan to achieve the requirement in subsection
 12 (a). Such plan shall include—

13 (1) the budget requirements;

14 (2) a robust test schedule;

15 (3) a plan to develop an enduring boost phase
 16 ballistic missile defense capability, including cost and
 17 test schedule.

18 **Subtitle G—Other Matters**

19 **SEC. 1695. PROTECTION OF CERTAIN FACILITIES AND AS-**
 20 **SETS FROM UNMANNED AIRCRAFT.**

21 Subparagraph (C) of section 130i(e)(1) of title 10,
 22 United States Code, is amended to read as follows:

23 “(C)(i) relates to—

24 “(I) the nuclear deterrence
 25 mission of the Department of De-
 26 fense, including with respect to

1 nuclear command and control, in-
2 tegrated tactical warning and at-
3 tack assessment, and continuity
4 of government;

5 “(II) the missile defense
6 mission of the Department; or

7 “(III) the national security
8 space mission of the Department;

9 or

10 “(ii) is part of a Major Range
11 and Test Facility Base (as defined in
12 section 196(i) of this title).”.

13 **SEC. 1696. USE OF COMMERCIAL ITEMS IN DISTRIBUTED**
14 **COMMON GROUND SYSTEMS.**

15 (a) IN GENERAL.—The procurement process for each
16 covered Distributed Common Ground System shall be car-
17 ried out in accordance with section 2377 of title 10,
18 United States Code.

19 (b) CERTIFICATION.—Not later than 30 days after
20 the date of the enactment of this Act, the Service Acquisi-
21 tion Executive responsible for each covered Distributed
22 Common Ground System shall certify to the appropriate
23 congressional committees that the procurement process for
24 increments of the system procured after the date of the

1 enactment of this Act will be carried out in accordance
2 with section 2377 of title 10, United States Code.

3 (c) DEFINITIONS.—In this section:

4 (1) APPROPRIATE CONGRESSIONAL COMMIT-
5 TEES DEFINED.—The term “appropriate congress-
6 sional committees” means—

7 (A) the congressional defense committees;

8 and

9 (B) the Select Committee on Intelligence
10 of the Senate and the Permanent Select Com-
11 mittee on Intelligence of the House of Rep-
12 resentatives.

13 (2) COVERED DCGS SYSTEM.—The term “cov-
14 ered Distributed Common Ground System” includes
15 the following:

16 (A) The Distributed Common Ground Sys-
17 tem of the Army.

18 (B) The Distributed Common Ground Sys-
19 tem of the Navy.

20 (C) The Distributed Common Ground Sys-
21 tem of the Marine Corps.

22 (D) The Distributed Common Ground Sys-
23 tem of the Air Force.

24 (E) The Distributed Common Ground Sys-
25 tem of the Special Operations Forces.

1 **SEC. 1697. INDEPENDENT ASSESSMENT OF COSTS RELAT-**
2 **ING TO AMMONIUM PERCHLORATE.**

3 (a) **ASSESSMENT.**—Not later than 30 days after the
4 date of the enactment of this Act, the Secretary of Defense
5 shall seek to enter into a contract with a federally funded
6 research and development center to conduct an assessment
7 of the costs to the Department of Defense relating to con-
8 tractors and subcontractors of the Department using a
9 new supplier of ammonium perchlorate for weapon sys-
10 tems.

11 (b) **ELEMENTS.**—The assessment under subsection
12 (a) shall include the following:

13 (1) For each weapon system that must be re-
14 qualified by reason of the new supplier of ammo-
15 nium perchlorate as described in subsection (a), an
16 estimate of the requalification costs.

17 (2) The types and number of tests that are
18 needed for any such requalification, including wheth-
19 er any currently planned tests, as of the date of the
20 assessment, may be leveraged, or testing across pro-
21 grams may be used, to decrease requalification costs
22 while retaining and ensuring qualification standards.

23 (3) Estimates of any other costs relating to am-
24 monium perchlorate that the Secretary determines
25 appropriate.

1 (c) SUBMISSION.—Not later than 120 days after the
2 date of the enactment of this Act, the Secretary shall sub-
3 mit to the congressional defense committees the assess-
4 ment under subsection (a), without change, together with
5 any comments or views of the Secretary regarding the as-
6 sessment.

7 **SEC. 1698. LIMITATION AND BUSINESS CASE ANALYSIS RE-**
8 **GARDING AMMONIUM PERCHLORATE.**

9 (a) IN GENERAL.—The Secretary of Defense, acting
10 through the Director of Cost Assessment and Program
11 Evaluation, shall conduct a business case analysis regard-
12 ing the options of the Federal Government to ensure a
13 robust domestic industrial base to supply ammonium per-
14 chlorate for use in solid rocket motors. Such analysis
15 should include assessments of the near and long-term
16 costs, program impacts, opportunities for competition, op-
17 portunities for redundant or complementary capabilities,
18 and national security implications of—

19 (1) continuing to rely on one domestic provider;

20 (2) supporting development of a second domes-
21 tic source;

22 (3) procuring ammonium perchlorate as Gov-
23 ernment-furnished material and providing it to all
24 necessary programs; and

1 (4) such other options as the Secretary deter-
2 mines appropriate.

3 (b) ELEMENTS.—The analysis under subsection (a)
4 shall, at minimum, include—

5 (1) an estimate of all associated costs, including
6 development, procurement, and qualification costs,
7 as applicable;

8 (2) an assessment of options, under various sce-
9 narios, for the quantity of ammonium perchlorate
10 that would be required by the Department of De-
11 fense; and

12 (3) the assessment of the Secretary of how the
13 requirements for ammonium perchlorate of other
14 Federal agencies impact the requirements of the De-
15 partment of Defense.

16 (c) REPORT.—The Secretary shall submit the busi-
17 ness case analysis required by subsection (a) to the Comp-
18 troller General of the United States and the Committees
19 on Armed Services of the Senate and House of Represent-
20 atives by March 1, 2018, along with any views of the Sec-
21 retary.

22 (d) REVIEW.—The Comptroller General of the United
23 States shall conduct a review of the report submitted by
24 the Secretary under subsection (c) and, not later than 30
25 days after receiving such report, provide a briefing on such

1 review to the Committees on Armed Services of the Senate
2 and House of Representatives.

3 (e) LIMITATION.—None of the funds authorized to be
4 appropriated by this Act or otherwise made available for
5 fiscal year 2018 for the Department of Defense may be
6 obligated or expended for the development or construction
7 of a new source for ammonium perchlorate until 45 days
8 after the date on which the report under subsection (c)
9 is submitted to the Comptroller General and the Commit-
10 tees on Armed Services of the Senate and House of Rep-
11 resentatives.

12 (f) WAIVER.—The Secretary of Defense may waive
13 the limitation under subsection (e) if the Secretary—

14 (1) determines such waiver to be in the national
15 security interest of the United States; and

16 (2) submits written notification of such deter-
17 mination to the congressional defense committees
18 and waits 15 days.

19 **SEC. 1699. INDUSTRIAL BASE FOR LARGE SOLID ROCKET**
20 **MOTORS AND RELATED TECHNOLOGIES.**

21 (a) PLAN.—The Secretary of Defense, in consultation
22 with the Administrator of the National Aeronautics and
23 Space Administration, shall develop a plan to ensure a ro-
24 bust domestic industrial base for large solid rocket motors,
25 including with respect to the critical technologies, sub-

1 systems, components, and materials within and relating
2 to such rocket motors.

3 (b) SUSTAINMENT OF DOMESTIC SUPPLIERS.—The
4 Secretary shall develop the plan under subsection (a) in
5 a manner that, if carried out, sustains not less than two
6 domestic suppliers for each of the following:

7 (1) Large solid rocket motors.

8 (2) Small liquid-fueled rocket engines.

9 (3) Aeroshells for reentry vehicles (or reentry
10 bodies).

11 (4) Strategic radiation-hardened microelec-
12 tronics.

13 (5) Any other critical technologies, subsystems,
14 components, and materials within and relating to
15 large solid rocket motors that the Secretary deter-
16 mines appropriate.

17 (c) REPORT.—

18 (1) SUBMISSION.—Not later than February 1,
19 2018, the Secretary shall submit to the Committee
20 on Armed Services and the Permanent Select Com-
21 mittee on Intelligence of the House of Representa-
22 tives and the Committee on Armed Services of the
23 Senate a report that includes the plan under sub-
24 section (a).

1 (2) MATTERS INCLUDED.—With respect to the
2 sustainment of domestic suppliers as described in
3 subsection (b), the report under paragraph (1) shall
4 include the views of the Secretary on the following:

5 (A) Such sustainment of not less than two
6 domestic suppliers for each item specified in
7 paragraphs (1) through (5) of such subsection.

8 (B) The risks within the industrial base
9 for each such item.

10 (C) The estimated costs for such
11 sustainment.

12 (D) The opportunities to ensure or pro-
13 mote competition within the industrial base for
14 each such item.

15 **SEC. 1699A. PILOT PROGRAM ON ENHANCING INFORMA-**
16 **TION SHARING FOR SECURITY OF SUPPLY**
17 **CHAIN.**

18 (a) ESTABLISHMENT.—Not later than June 1, 2019,
19 the Secretary of Defense shall establish a pilot program
20 to enhance information sharing with cleared defense con-
21 tractors to ensure all source information is appropriately,
22 singularly, and exclusively shared for the purpose of ensur-
23 ing the security of the supply chain of covered programs.

24 (b) SELECTION.—The Secretary shall select 10 acqui-
25 sition or sustainment programs of the Department of De-

1 fense to participate in the pilot program under subsection
2 (a), of which—

3 (1) not fewer than one program shall be related
4 to nuclear weapons;

5 (2) not fewer than one program shall be related
6 to nuclear command, control, and communications;

7 (3) not fewer than one program shall be related
8 to continuity of government;

9 (4) not fewer than one program shall be related
10 to ballistic missile defense;

11 (5) not fewer than one program shall be related
12 to other command and control systems; and

13 (6) not fewer than one program shall be related
14 to logistics.

15 (c) REPORT.—Not later than March 1, 2018, the
16 Secretary shall submit to the congressional defense com-
17 mittees a report that includes—

18 (1) details on how the Secretary will establish
19 the pilot program under subsection (a) to ensure all
20 source information is appropriately, singularly, and
21 exclusively shared for the purpose of ensuring the
22 security of the supply chain of covered programs;
23 and

24 (2) the identification of any legislative action or
25 administrative action required to provide the Sec-

1 retary with specific additional authorities required to
2 fully implement the pilot program.

3 (d) **CLEARED DEFENSE CONTRACTORS DEFINED.**—

4 In this section, the term “cleared defense contractors”
5 means contractors of the Department of Defense who have
6 a security clearance, including contractor facilities that
7 have a security clearance.

8 **SEC. 1699B. COMMISSION TO ASSESS THE THREAT TO THE**
9 **UNITED STATES FROM ELECTROMAGNETIC**
10 **PULSE ATTACKS AND EVENTS.**

11 (a) **ESTABLISHMENT.**—There is hereby established a
12 commission to be known as the “Commission to Assess
13 the Threat to the United States from Electromagnetic
14 Pulse Attacks and Events” (hereafter in this section re-
15 ferred to as the “Commission”). The purpose of the Com-
16 mission is to assess and make recommendations with re-
17 spect to the threat to the United States from electro-
18 magnetic pulse attacks and events.

19 (b) **COMPOSITION.**—

20 (1) **MEMBERSHIP.**—The Commission shall be
21 composed of 12 members appointed as follows:

22 (A) Three members appointed by the chair
23 of the Committee on Armed Services of the
24 House of Representatives.

1 (B) Three members appointed by the rank-
2 ing minority member of the Committee on
3 Armed Services of the House of Representa-
4 tives.

5 (C) Three members appointed by the chair
6 of the Committee on Armed Services of the
7 Senate.

8 (D) Three members appointed by the rank-
9 ing minority member of the Committee on
10 Armed Services of the Senate.

11 (2) CHAIR AND VICE CHAIR.—

12 (A) CHAIR.—The chair of the Committee
13 on Armed Services of the House of Representa-
14 tive and the chair of the Committee on Armed
15 Services of the Senate shall jointly designate
16 one member of the Commission to serve as
17 chair of the Commission.

18 (B) VICE CHAIR.—The ranking minority
19 member of the Committee on Armed Services of
20 the House of Representative and the ranking
21 minority member of the Committee on Armed
22 Services of the Senate shall jointly designate
23 one member of the Commission to serve as vice
24 chair of the Commission.

1 (3) SECURITY CLEARANCE REQUIRED.—Each
2 individual appointed as a member of the Commission
3 shall possess (or have recently possessed before the
4 date of such appointment) the appropriate security
5 clearance necessary to carry out the duties of the
6 Commission.

7 (4) QUALIFICATION.—Members of the Commis-
8 sion shall be appointed from among private United
9 States citizens with knowledge and expertise in the
10 scientific, technical, and defense aspects of electro-
11 magnetic pulse threats and vulnerabilities.

12 (5) PERIOD OF APPOINTMENT; VACANCIES.—
13 Members shall be appointed for the life of the Com-
14 mission. Any vacancy in the Commission shall be
15 filled in the same manner as the original appoint-
16 ment.

17 (c) DUTIES.—

18 (1) REVIEW AND ASSESSMENT.—The Commis-
19 sion shall review and assess—

20 (A) the nature, magnitude, and likelihood
21 of potential electromagnetic pulse (hereafter in
22 section referred to as “EMP”) attacks and
23 events, both manmade and natural, that could
24 be directed at or affect the United States within
25 the next 20 years;

1 (B) the vulnerability of United States mili-
2 tary and civilian systems to EMP attacks and
3 events, including with respect to emergency pre-
4 paredness and immediate response;

5 (C) the capability of the United States to
6 repair and recover from damage inflicted on
7 United States military and civilian systems by
8 EMP attacks and events; and

9 (D) the feasibility and cost of hardening
10 critical military and civilian systems against
11 EMP attack and events.

12 (2) RECOMMENDATIONS.—The Commission
13 shall recommend any actions it believes should be
14 taken by the United States to better prepare, pre-
15 vent, mitigate, or recover military and civilian sys-
16 tems with respect to EMP attacks and events.

17 (d) COOPERATION FROM GOVERNMENT.—

18 (1) COOPERATION.—In carrying out its duties,
19 the Commission shall receive the full and timely co-
20 operation of the Secretary of Defense and the perti-
21 nent heads of any other Federal agency in providing
22 the Commission with analysis, briefings, and other
23 information necessary for the fulfillment of its re-
24 sponsibilities.

1 (2) LIAISON.—The Secretary shall designate at
2 least one officer or employee of the Department of
3 Defense to serve as a liaison officer between the De-
4 partment and the Commission.

5 (e) REPORT.—

6 (1) FINAL REPORT.—

7 (A) IN GENERAL.—Not later than Decem-
8 ber 1, 2018, the Commission shall submit to
9 the President, the Secretary of Defense, the
10 Committee on Armed Services of the House of
11 Representatives, and the Committee on Armed
12 Services of the Senate a report on the findings,
13 conclusions, and recommendations of the Com-
14 mission.

15 (B) FORM OF REPORT.—The report sub-
16 mitted to Congress under subparagraph (A)
17 shall be submitted in unclassified form, but may
18 include a classified annex.

19 (2) VIEWS OF THE SECRETARY.—Not later
20 than 90 days after the submittal of the report under
21 paragraph (1), the Secretary of Defense shall submit
22 to the Committee on Armed Services of the House
23 of Representatives and the Committee on Armed
24 Services of the Senate a report that contains the
25 views of the Secretary with respect to the findings,

1 conclusions, and recommendations of the Commis-
2 sion and any actions the Secretary intends to take
3 as a result.

4 (3) INTERIM BRIEFING.—Not later than June
5 1, 2018, the Commission shall provide to the Com-
6 mittee on Armed Services of the House of Rep-
7 resentatives and the Committee on Armed Services
8 of the Senate a briefing on the status of the activi-
9 ties of the Commission, including a discussion of any
10 interim recommendations.

11 (f) FUNDING.—Of the amounts authorized to be ap-
12 propriated by this Act for the Department of Defense,
13 \$3,000,000 is available to fund the activities of the Com-
14 mission, as specified in the funding tables in division D.

15 (g) APPLICATION OF FEDERAL ADVISORY COM-
16 MITTEE ACT.—The Federal Advisory Committee Act (5
17 U.S.C. App.) shall apply to the Commission.

18 (h) TERMINATION.—The Commission shall terminate
19 three months after the date on which the Secretary of De-
20 fense submits the report under subsection (e)(2).

21 (i) REPEAL.—Title XIV of Floyd D. Spence National
22 Defense Authorization Act for Fiscal Year 2001 (Public
23 Law 106-398) is repealed.

1 **SEC. 1699C. PILOT PROGRAM ON ELECTROMAGNETIC SPEC-**
2 **TRUM MAPPING.**

3 (a) IN GENERAL.—Not later than 180 days after the
4 date of the enactment of this Act, the Secretary of Defense
5 shall establish a pilot program to assess the viability of
6 space-based mapping of the electromagnetic spectrum
7 used by the Department of Defense.

8 (b) DURATION.—The authority of the Secretary to
9 carry out the pilot program under subsection (a) shall ter-
10minate on the date that is one year after the date of the
11enactment of this Act.

12 (c) INTERIM BRIEFING.—Not later than 60 days
13 after the date of enactment of this Act, the Secretary of
14 Defense shall provide a briefing to the Committees on
15 Armed Services of the House of Representatives and the
16 Senate (and to any other congressional defense committee
17 upon request) demonstrating how the Secretary plans to
18 implement the pilot program under subsection (a).

19 (d) FINAL BRIEFING.—Not later than 90 days after
20 the pilot program under subsection (a) is completed, the
21 Secretary shall provide a briefing to the Committees on
22 Armed Services of the House of Representatives and the
23 Senate (and to any other congressional defense committee
24 upon request) on the utility, cost, and other considerations
25 regarding the mapping of the electromagnetic spectrum
26 used by the Department of Defense.

1 **Subtitle H—Advancing America’s**
2 **Missile Defense Act of 2017**

3 **SEC. 1699D. SHORT TITLE.**

4 This subtitle may be cited as the “Advancing Amer-
5 ica’s Missile Defense Act of 2017”.

6 **SEC. 1699E. SENSE OF CONGRESS ON CURRENT STATE OF**
7 **UNITED STATES MISSILE DEFENSE, FUTURE**
8 **INVESTMENT, AND ACCELERATING CAPABILI-**
9 **TIES TO OUTPACE CURRENT THREATS.**

10 (a) SENSE OF CONGRESS.—It is the sense of Con-
11 gress that the Secretary of Defense should use the upcom-
12 ing Ballistic Missile Defense Review (BMDR) and the
13 Missile Defeat Review (MDR) to accelerate the develop-
14 ment of new and existing means to sustain and increase
15 the capacity, capability, and reliability of the ground-based
16 midcourse defense element of the ballistic missile defense
17 system and other missile defense programs.

18 (b) ACCELERATION OF DEVELOPMENT OF CERTAIN
19 ADVANCED MISSILE DEFENSE TECHNOLOGIES TOWARD
20 FIELDING.—

21 (1) IN GENERAL.—To the degree practicable,
22 the Director of the Missile Defense Agency shall use
23 the policies of the Department of Defense to accel-
24 erate the development, testing, and fielding of the
25 redesigned kill vehicle, the multi-object kill vehicle,

1 the C3 booster, a space-based sensor layer, an air-
2 borne laser on unmanned aerial vehicles, and a po-
3 tential additional missile defense site, including the
4 completion of any outstanding environmental impact
5 statements (EISs) for an additional missile defense
6 site on the East Coast or in the Midwest regions of
7 the United States.

8 (2) PRIORITY.—The Director shall prioritize
9 the development of capabilities listed in paragraph
10 (1) subject to annual authorization and appropria-
11 tion of funding.

12 (3) DEVELOPMENT.—The Director shall use
13 sound acquisition processes and program manage-
14 ment to develop the capabilities set forth in para-
15 graph (1).

16 **SEC. 1699F. AUTHORIZATION TO INCREASE CURRENT**
17 **GROUND-BASED MIDCOURSE DEFENSE CA-**
18 **PACITY BY 28 GROUND-BASED INTERCEP-**
19 **TORS.**

20 (a) INCREASE IN CAPACITY.—The Secretary of De-
21 fense shall, subject to the annual authorization of appro-
22 priations and the annual appropriation of funds for Na-
23 tional Missile Defense, increase the number of United
24 States ground-based interceptors by up to 28.

25 (b) REPORT TO CONGRESS.—

1 (1) IN GENERAL.—Unless otherwise directed or
2 recommended by the BMDR, not later than 90 days
3 after the date of the enactment of this Act, the Di-
4 rector of the Missile Defense Agency shall submit to
5 the congressional defense committees a report on in-
6 frastructure requirements and costs associated to in-
7 crease the number of ground-based interceptors at
8 Missile Field 1 and Missile Field 2 at Fort Greely
9 to 20 ground-based interceptors each.

10 (2) CONTENTS.—The report required by para-
11 graph (1) shall include the following:

12 (A) An analysis of the strategic, oper-
13 ational, and tactical benefits of adding addi-
14 tional ground-based interceptors at each missile
15 field.

16 (B) A detailed description of the infra-
17 structure needed and costs associated with ex-
18 panding each missile field.

19 (C) An identification of any environmental,
20 technical, or logistical barriers to expanding
21 each missile field.

22 (D) Any analysis of alternatively using
23 Missile Field 4 and Missile Field 5 to increase
24 the number of ground-based interceptors.

1 (3) FORM.—The report submitted under para-
2 graph (1) shall be submitted in unclassified form,
3 but may include a classified annex.

4 **SEC. 1699G. MISSILE DEFENSE AGENCY REPORT ON IN-**
5 **CREASING NUMBER OF GROUND-BASED**
6 **INTERCEPTORS UP TO 100.**

7 (a) SENSE OF CONGRESS.—It is the sense of Con-
8 gress that it is the policy of the United States to maintain
9 and improve, with the allies of the United States, an effec-
10 tive, robust layered missile defense system capable of de-
11 fending the citizens of the United States residing in terri-
12 tories and States of the United States, allies of the United
13 States, and deployed Armed Forces of the United States.

14 (b) REPORT TO CONGRESS.—

15 (1) IN GENERAL.—Unless otherwise directed or
16 recommended by the BMDR, not later than 90 days
17 after the date of the enactment of this Act, the Di-
18 rector of the Missile Defense Agency shall submit to
19 the congressional defense committees a report on the
20 costs and benefits of increasing the capacity of the
21 ground-based midcourse defense element of the bal-
22 listic missile defense system.

23 (2) CONTENTS.—The report required by para-
24 graph (1) shall include the following:

1 (A) An identification of potential sites—
2 new or existing—to allow for the increase of up
3 to 100 ground-based interceptors.

4 (B) An analysis of the strategic, oper-
5 ational, tactical, and cost benefits of each site.

6 (C) A description of any environmental,
7 legal, or tactical challenges associated with each
8 site.

9 (D) A detailed description of the infra-
10 structure needed and costs associated with each
11 site.

12 (E) A summary of any completed or out-
13 standing environmental impact statements
14 (EIS) on each site.

15 (F) An operational evaluation and cost
16 analysis of the deployment of transportable
17 ground-based interceptors, including an identi-
18 fication of potential sites, including in the east-
19 ern United States and at Vandenberg Air Force
20 Base, and an examination of any environ-
21 mental, legal, or tactical challenges associated
22 with such deployments, including to any sites
23 identified in subparagraph (A).

24 (G) A determination of the appropriate
25 fleet mix of ground-based interceptor kill vehi-

1 cles and boosters to maximize overall system ef-
2 fectiveness and increase its capacity and capa-
3 bility, including the costs and benefits of contin-
4 ued inclusion of capability enhancement II
5 (CE–II) Block 1 interceptors after the fielding
6 of the redesigned kill vehicle.

7 (H) A description of the planned improve-
8 ments to homeland ballistic missile defense sen-
9 sor and discrimination capabilities and an as-
10 sessment of the expected operational benefits of
11 such improvements to homeland ballistic missile
12 defense.

13 (I) The costs and benefits of
14 supplementing ground-based midcourse defense
15 elements with other, more distributed, elements,
16 including both Aegis ships and Aegis Ashore in-
17 stallations with Standard Missile-3 Block IIA
18 and other interceptors in Hawaii and at other
19 locations for homeland missile defense.

20 (3) FORM.—The report required by paragraph
21 (1) shall be submitted in unclassified form, but may
22 include a classified annex.

1 **SEC. 1699H. EVALUATION AND EVOLUTION OF TERRES-**
2 **TRIAL GROUND-BASED MIDCOURSE DEFENSE**
3 **SENSORS.**

4 (a) REPORT TO CONGRESS.—

5 (1) IN GENERAL.—Unless otherwise directed or
6 recommended by the BMDR, not later than 90 days
7 after the date of the enactment of this Act, the Di-
8 rector of the Missile Defense Agency, in coordination
9 with the Secretary of the Air Force, shall submit to
10 the congressional defense committees a report on the
11 status of the integrated layers of missile defense ra-
12 dars.

13 (2) CONTENTS.—The report required by para-
14 graph (1) shall include the following:

15 (A) A detailed analysis of the expected im-
16 provements resulting from the integration of
17 the Long Range Discrimination Radar into the
18 missile defense system architecture of the
19 United States, including—

20 (i) any adjustments to homeland mis-
21 sile defense tactics, techniques, and proce-
22 dures;

23 (ii) possible adjustments to ground-
24 based midcourse defense shot-doctrine and
25 required interceptor capacity;

1 (iii) possibilities for direct integration
2 with Fort Greely's Command and Control
3 node; and

4 (iv) impacts on regional missile de-
5 fense systems including Aegis Ballistic
6 Missile Defense, Aegis Ashore, and Ter-
7 minal High Altitude Area Defense.

8 (B) A detailed comparison of the capabili-
9 ties of Long Range Discrimination Radar and
10 the COBRA DANE radar, including—

11 (i) the unique capabilities of each
12 radar;

13 (ii) the overlapping capabilities of
14 each radar; and

15 (iii) the advantages and disadvantages
16 of each radar's location.

17 (C) A modernization plan and costs for the
18 long-term continued operations and mainte-
19 nance of the COBRA DANE radar or a plan to
20 replace its capability if COBRA DANE cannot
21 remain operational, and the costs associated
22 with each plan.

23 (b) ASSESSMENT BY COMPTROLLER GENERAL OF
24 THE UNITED STATES.—Not later than 90 days after the
25 date on which the Director submits the report under sub-

1 section (a)(1), the Comptroller General of the United
2 States shall—

3 (1) complete a review of the plan required by
4 subsection (a)(2)(C); and

5 (2) submit to the congressional defense commit-
6 tees a report on such review that includes the find-
7 ings and recommendations of the Comptroller Gen-
8 eral.

9 (c) FORM.—The reports submitted subsections (a)
10 and (b) shall be submitted in unclassified form, but may
11 include a classified annex.

12 **SEC. 1699I. AUTHORIZATION FOR MORE GROUND-BASED**
13 **MIDCOURSE DEFENSE TESTING.**

14 (a) SENSE OF CONGRESS.—It is the sense of Con-
15 gress that—

16 (1) at a minimum, the Missile Defense Agency
17 should continue to flight test the ground-based mid-
18 course defense element at least once each fiscal year;

19 (2) the Department of Defense should allocate
20 increased funding to homeland missile defense test-
21 ing to ensure that our defenses continue to evolve
22 faster than the threats against which they are pos-
23 tured to defend while pursuing a robust acquisition
24 process;

1 (3) in order to rapidly innovate, develop, and
2 field new technologies, the Director of the Missile
3 Defense Agency should continue to focus testing
4 campaigns on delivering increased capabilities to the
5 Armed Forces as quickly as possible; and

6 (4) the Director of the Missile Defense Agency
7 should seek to establish a more prudent balance be-
8 tween risk mitigation and the more rapid testing
9 pace needed to quickly develop and deliver new capa-
10 bilities to the Armed Forces.

11 (b) REPORT TO CONGRESS.—

12 (1) IN GENERAL.—Unless otherwise directed or
13 recommended by the BMDR, not later than 90 days
14 after the date of the enactment of this Act, the Di-
15 rector of the Missile Defense Agency shall submit to
16 the congressional defense committees a revised mis-
17 sile defense testing campaign plan that accelerates
18 the development and deployment of new missile de-
19 fense technologies.

20 (2) CONTENTS.—The report required by para-
21 graph (1) shall include the following:

22 (A) A detailed analysis of the costs and
23 benefits of accelerating each following pro-
24 grams:

25 (i) Redesigned kill vehicle.

- 1 (ii) Multi-object kill vehicle.
- 2 (iii) Configuration-3 booster.
- 3 (iv) Lasers mounted on small un-
- 4 manned aerial vehicles.
- 5 (v) Space-based missile defense sensor
- 6 architecture.
- 7 (vi) Such additional technologies as
- 8 the Director considers appropriate.

9 (B) A new deployment timeline for each of

10 the programs in listed in subparagraph (A) or

11 a detailed description of why the current

12 timeline for deployment technologies under

13 those programs is most suitable.

14 (C) An identification of any funding or pol-

15 icy restrictions that would slow down the de-

16 ployment of the technologies under the pro-

17 grams listed in subparagraph (A).

18 (D) A risk assessment of the potential

19 cost-overruns and deployment delays that may

20 be encountered in the expedited development

21 process of the capabilities under paragraph (1).

22 (c) REPORT ON FUNDING PROFILE.—The Director

23 shall include with the budget justification materials sub-

24 mitted to Congress in support of the budget of the Depart-

25 ment of Defense for fiscal year 2018 (as submitted with

1 the budget of the President under section 1105(a) of title
2 31, United States Code) a report on the funding profile
3 necessary for the new testing campaign plan required by
4 subsection (b)(1).

5 **TITLE XVII—MATTERS RELAT-**
6 **ING TO SMALL BUSINESS**
7 **PROCUREMENT**

8 **Subtitle A—Improving Trans-**
9 **parency and Clarity for Small**
10 **Businesses**

11 **SEC. 1701. IMPROVING REPORTING ON SMALL BUSINESS**

12 **GOALS.**

13 (a) IN GENERAL.—Section 15(h)(2)(E) of the Small
14 Business Act (15 U.S.C. 644(h)(2)(E)) is amended—

15 (1) in clause (i)—

16 (A) in subclause (III), by striking “and” at
17 the end; and

18 (B) by adding at the end the following new
19 subclauses:

20 “(V) that were purchased by an-
21 other entity after the initial contract
22 was awarded and as a result of the
23 purchase, would no longer be deemed
24 to be small business concerns for pur-
25 poses of the initial contract; and

1 “(VI) that were awarded using a
2 procurement method that restricted
3 competition to small business concerns
4 owned and controlled by service-dis-
5 abled veterans, qualified HUBZone
6 small business concerns, small busi-
7 ness concerns owned and controlled by
8 socially and economically disadvan-
9 tagged individuals, small business con-
10 cerns owned and controlled by women,
11 or a subset of any such concerns;”;

12 (2) in clause (ii)—

13 (A) in subclause (IV), by striking “and” at
14 the end; and

15 (B) by adding at the end the following new
16 subclauses:

17 “(VI) that were purchased by an-
18 other entity after the initial contract
19 was awarded and as a result of the
20 purchase, would no longer be deemed
21 to be small business concerns owned
22 and controlled by service-disabled vet-
23 erans for purposes of the initial con-
24 tract; and

1 “(VII) that were awarded using a
2 procurement method that restricted
3 competition to qualified HUBZone
4 small business concerns, small busi-
5 ness concerns owned and controlled by
6 socially and economically disadvan-
7 tagged individuals, small business con-
8 cerns owned and controlled by women,
9 or a subset of any such concerns;”;

10 (3) in clause (iii)—

11 (A) in subclause (V), by striking “and” at
12 the end; and

13 (B) by adding at the end the following new
14 subclauses:

15 “(VII) that were purchased by
16 another entity after the initial con-
17 tract was awarded and as a result of
18 the purchase, would no longer be
19 deemed to be qualified HUBZone
20 small business concerns for purposes
21 of the initial contract; and

22 “(VIII) that were awarded using
23 a procurement method that restricted
24 competition to small business concerns
25 owned and controlled by service-dis-

1 abled veterans, small business con-
2 cerns owned and controlled by socially
3 and economically disadvantaged indi-
4 viduals, small business concerns
5 owned and controlled by women, or a
6 subset of any such concerns;”;

7 (4) in clause (iv)—

8 (A) in subclause (V), by striking “and” at
9 the end; and

10 (B) by adding at the end the following new
11 subclauses:

12 “(VII) that were purchased by
13 another entity after the initial con-
14 tract was awarded and as a result of
15 the purchase, would no longer be
16 deemed to be small business concerns
17 owned and controlled by socially and
18 economically disadvantaged individ-
19 uals for purposes of the initial con-
20 tract; and

21 “(VIII) that were awarded using
22 a procurement method that restricted
23 competition to small business concerns
24 owned and controlled by service-dis-
25 abled veterans, qualified HUBZone

1 small business concerns, small busi-
2 ness concerns owned and controlled by
3 women, or a subset of any such con-
4 cerns;”;

5 (5) in clause (v)—

6 (A) in subclause (IV), by striking “and” at
7 the end;

8 (B) in subclause (V), by inserting “and” at
9 the end; and

10 (C) by adding at the end the following new
11 subclause:

12 “(VI) that were purchased by an-
13 other entity after the initial contract
14 was awarded and as a result of the
15 purchase, would no longer be deemed
16 to be small business concerns owned
17 by an Indian tribe other than an Alas-
18 ka Native Corporation for purposes of
19 the initial contract;”;

20 (6) in clause (vi)—

21 (A) in subclause (IV), by striking “and” at
22 the end;

23 (B) in subclause (V), by inserting “and” at
24 the end; and

1 (C) by adding at the end the following new
2 subclause:

3 “(VI) that were purchased by an-
4 other entity after the initial contract
5 was awarded and as a result of the
6 purchase, would no longer be deemed
7 to be small business concerns owned
8 by a Native Hawaiian Organization
9 for purposes of the initial contract;”;

10 (7) in clause (vii)—

11 (A) in subclause (IV), by striking “and” at
12 the end; and

13 (B) by adding at the end the following new
14 subclause:

15 “(VI) that were purchased by an-
16 other entity after the initial contract
17 was awarded and as a result of the
18 purchase, would no longer be deemed
19 to be small business concerns owned
20 by an Alaska Native Corporation for
21 purposes of the initial contract; and”;
22 and

23 (8) in clause (viii)—

24 (A) in subclause (VII), by striking “and”
25 at the end;

1 (B) in subclause (VIII), by striking “and”
2 at the end; and

3 (C) by adding at the end the following new
4 subclauses:

5 “(IX) that were purchased by an-
6 other entity after the initial contract
7 was awarded and as a result of the
8 purchase, would no longer be deemed
9 to be small business concerns owned
10 and controlled by women for purposes
11 of the initial contract; and

12 “(X) that were awarded using a
13 procurement method that restricted
14 competition to small business concerns
15 owned and controlled by service-dis-
16 abled veterans, qualified HUBZone
17 small business concerns, small busi-
18 ness concerns owned and controlled by
19 socially and economically disadvan-
20 taged individuals, or a subset of any
21 such concerns; and”.

22 (b) EFFECTIVE DATE.—The Administrator of the
23 Small Business Administration shall be required to report
24 on the information required by clauses (i)(V), (ii)(VI),
25 (iii)(VII), (iv)(VII), (v)(VI), (vi)(VI), (vii)(VI), and

1 (viii)(IX) of section 15(h)(2)(E) of the Small Business Act
2 (15 U.S.C. 644(h)(2)(E)) beginning on the date that such
3 information is available in the Federal Procurement Data
4 System, the System for Award Management, or any new
5 or successor system.

6 **SEC. 1702. UNIFORMITY IN PROCUREMENT TERMINOLOGY.**

7 (a) IN GENERAL.—Section 15(j)(1) of the Small
8 Business Act (15 U.S.C. 644(j)(1)) is amended by striking
9 “greater than \$2,500 but not greater than \$100,000” and
10 inserting “greater than the micro-purchase threshold, but
11 not greater than the simplified acquisition threshold”.

12 (b) TECHNICAL AMENDMENT.—Section 3(m) of the
13 Small Business Act (15 U.S.C. 632(m)) is amended to
14 read as follows:

15 “(m) DEFINITIONS RELATING TO CONTRACTING.—
16 In this Act:

17 “(1) PRIME CONTRACT.—The term ‘prime con-
18 tract’ has the meaning given such term in section
19 8701(4) of title 41, United States Code.

20 “(2) PRIME CONTRACTOR.—The term ‘prime
21 contractor’ has the meaning given such term in sec-
22 tion 8701(5) of title 41, United States Code.

23 “(3) SIMPLIFIED ACQUISITION THRESHOLD.—
24 The term ‘simplified acquisition threshold’ has the

1 meaning given such term in section 134 of title 41,
2 United States Code.

3 “(4) MICRO-PURCHASE THRESHOLD.—The
4 term ‘micro-purchase threshold’ has the meaning
5 given such term in section 1902 of title 41, United
6 States Code.

7 “(5) TOTAL PURCHASES AND CONTRACTS FOR
8 PROPERTY AND SERVICES.—The term ‘total pur-
9 chases and contracts for property and services’ shall
10 mean total number and total dollar amount of con-
11 tracts and orders for property and services.”.

12 **SEC. 1703. RESPONSIBILITIES OF COMMERCIAL MARKET**
13 **REPRESENTATIVES.**

14 Section 4(h) of the Small Business Act (15 U.S.C.
15 633(h)) is amended to read as follows:

16 “(h) COMMERCIAL MARKET REPRESENTATIVES.—

17 “(1) DUTIES.—The principal duties of a com-
18 mercial market representative employed by the Ad-
19 ministrator and reporting to the senior official ap-
20 pointed by the Administrator with responsibilities
21 under sections 8, 15, 31, and 36 (or the designee of
22 such official) shall be to advance the policies estab-
23 lished in section 8(d)(1) relating to subcontracting.
24 Such duties shall include—

1 “(A) helping prime contractors to find
2 small business concerns that are capable of per-
3 forming subcontracts;

4 “(B) for contractors awarded contracts
5 containing the clause described in section
6 8(d)(3), providing—

7 “(i) counseling on the contractor’s re-
8 sponsibility to maximize subcontracting op-
9 portunities for small business concerns;

10 “(ii) instruction on methods and tools
11 to identify potential subcontractors that
12 are small business concerns; and

13 “(iii) assistance to increase awards to
14 subcontractors that are small business con-
15 cerns through visits, training, and reviews
16 of past performance;

17 “(C) providing counseling on how a small
18 business concern may promote its capacity to
19 contractors awarded contracts containing the
20 clause described in section 8(d)(3); and

21 “(D) conducting periodic reviews of con-
22 tractors awarded contracts containing the
23 clause described in section 8(d)(3) to assess
24 compliance with subcontracting plans required
25 under section 8(d)(6).

1 “(2) CERTIFICATION REQUIREMENTS.—

2 “(A) IN GENERAL.—Consistent with the
3 requirements of subparagraph (B), a commer-
4 cial market representative referred to in section
5 15(q)(3) shall have a Level I Federal Acquisi-
6 tion Certification in Contracting (or any suc-
7 cessor certification) or the equivalent Depart-
8 ment of Defense certification.

9 “(B) DELAY OF CERTIFICATION REQUIRE-
10 MENT.—The certification described in subpara-
11 graph (A) is not required—

12 “(i) for any person serving as a com-
13 mercial market representative on the date
14 of the enactment of this subsection, until
15 the date that is one calendar year after the
16 date such person was appointed as a com-
17 mercial market representative; or

18 “(ii) for any person serving as a com-
19 mercial market representative on or before
20 November 25, 2015, until November 25,
21 2020.

22 “(3) JOB POSTING REQUIREMENTS.—The du-
23 ties and certification requirements described in this
24 subsection shall be included in any initial job posting

1 for the position of a commercial market representa-
2 tive.”.

3 **SEC. 1704. RESPONSIBILITIES OF BUSINESS OPPORTUNITY**
4 **SPECIALISTS.**

5 Section 4(g) of the Small Business Act (15 U.S.C.
6 633(g)) is amended to read as follows:

7 “(g) BUSINESS OPPORTUNITY SPECIALISTS.—

8 “(1) DUTIES.—The exclusive duties of a Busi-
9 ness Opportunity Specialist employed by the Admin-
10 istrator and reporting to the senior official appointed
11 by the Administrator with responsibilities under sec-
12 tions 8, 15, 31, and 36 (or the designee of such offi-
13 cial) shall be to implement sections 7, 8, and 45 and
14 to complete other duties related to contracting pro-
15 grams under this Act. Such duties shall include—

16 “(A) with respect to small business con-
17 cerns eligible to receive contracts and sub-
18 contracts pursuant to section 8(a)—

19 “(i) providing guidance, counseling,
20 and referrals for assistance with technical,
21 management, financial, or other matters
22 that will improve the competitive viability
23 of such concerns;

24 “(ii) identifying causes of success or
25 failure of such concerns;

1 “(iii) providing comprehensive assess-
2 ments of such concerns, including identi-
3 fying the strengths and weaknesses of such
4 concerns;

5 “(iv) monitoring and documenting
6 compliance with the requirements of sec-
7 tions 7 and 8 and any regulations imple-
8 menting those sections;

9 “(v) explaining the requirements of
10 sections 7, 8, 15, 31, 36, and 45; and

11 “(vi) advising on compliance with con-
12 tracting regulations (including the Federal
13 Acquisition Regulation) after award of
14 such a contract or subcontract;

15 “(B) reviewing and monitoring compliance
16 with mentor-protege agreements under section
17 45;

18 “(C) representing the interests of the Ad-
19 ministrator and small business concerns in the
20 award, modification, and administration of con-
21 tracts and subcontracts awarded pursuant to
22 section 8(a); and

23 “(D) reporting fraud or abuse under sec-
24 tion 7, 8, 15, 31, 36, or 45 or any regulations
25 implementing such sections.

1 “(2) CERTIFICATION REQUIREMENTS.—

2 “(A) IN GENERAL.—Consistent with the
3 requirements of subparagraph (B), a Business
4 Opportunity Specialist described under section
5 7(j)(10)(D) shall have a Level I Federal Acqui-
6 sition Certification in Contracting (or any suc-
7 cessor certification) or the equivalent Depart-
8 ment of Defense certification.

9 “(B) DELAY OF CERTIFICATION REQUIRE-
10 MENT.—The certification described in subpara-
11 graph (A) is not required—

12 “(i) for any person serving as a Busi-
13 ness Opportunity Specialist on the date of
14 the enactment of this subsection, until the
15 date that is one calendar year after the
16 date such person was appointed as a Busi-
17 ness Opportunity Specialist; or

18 “(ii) for any person serving as a Busi-
19 ness Opportunity Specialist on or before
20 January 3, 2013, until January 3, 2020.

21 “(3) JOB POSTING REQUIREMENTS.—The du-
22 ties and certification requirements described in this
23 subsection shall be included in any initial job posting
24 for the position of a Business Opportunity Spe-
25 cialist.”.

1 **Subtitle B—Women’s Business**
2 **Programs**

3 **SEC. 1711. OFFICE OF WOMEN’S BUSINESS OWNERSHIP.**

4 Section 29(g) of the Small Business Act (15 U.S.C.
5 656(g)) is amended—

6 (1) in paragraph (2), by striking subparagraphs
7 (B) and (C) and inserting the following:

8 “(B) RESPONSIBILITIES.—The responsibil-
9 ities of the Assistant Administrator shall be to
10 administer the programs and services of the Of-
11 fice of Women’s Business Ownership.

12 “(C) DUTIES.—The Assistant Adminis-
13 trator shall perform the following functions
14 with respect to the Office of Women’s Business
15 Ownership:

16 “(i) Recommend the annual adminis-
17 trative and program budgets of the Office
18 and eligible entities receiving a grant
19 under the Women’s Business Center Pro-
20 gram.

21 “(ii) Review the annual budgets sub-
22 mitted by each eligible entity receiving a
23 grant under the Women’s Business Center
24 Program.

1 “(iii) Select applicants to receive
2 grants to operate a women’s business cen-
3 ter after reviewing information required by
4 this section, including the budget of each
5 applicant.

6 “(iv) Collaborate with other Federal
7 departments and agencies, State and local
8 governments, not-for-profit organizations,
9 and for-profit enterprises to maximize uti-
10 lization of taxpayer dollars and reduce (or
11 eliminate) any duplication among the pro-
12 grams overseen by the Office of Women’s
13 Business Ownership and those of other en-
14 tities that provide similar services to
15 women entrepreneurs.

16 “(v) Maintain a clearinghouse to pro-
17 vide for the dissemination and exchange of
18 information between women’s business cen-
19 ters.

20 “(vi) Serve as the vice chairperson of
21 the Interagency Committee on Women’s
22 Business Enterprise and as the liaison for
23 the National Women’s Business Council.”;
24 and

25 (2) by adding at the end the following:

1 “(3) MISSION.—The mission of the Office of
2 Women’s Business Ownership shall be to assist
3 women entrepreneurs to start, grow, and compete in
4 global markets by providing quality support with ac-
5 cess to capital, access to markets, job creation,
6 growth, and counseling by—

7 “(A) fostering participation of women en-
8 trepreneurs in the economy by overseeing a net-
9 work of women’s business centers throughout
10 States and territories;

11 “(B) creating public-private partnerships
12 to support women entrepreneurs and con-
13 ducting outreach and education to startup and
14 existing small business concerns owned and con-
15 trolled by women; and

16 “(C) working with other programs over-
17 seen by the Administrator to ensure women are
18 well-represented and being served and identi-
19 fying gaps where participation by women could
20 be increased.

21 “(4) ACCREDITATION PROGRAM.—

22 “(A) ESTABLISHMENT.—Not later than
23 270 days after the date of enactment of this
24 paragraph, the Administrator shall establish
25 standards for an accreditation program for ac-

1 crediting eligible entities receiving a grant
2 under this section.

3 “(B) TRANSITION PROVISION.—Before the
4 date on which standards are established under
5 subparagraph (A), the Administrator may not
6 terminate a grant under this section absent evi-
7 dence of fraud or other criminal misconduct by
8 the recipient.

9 “(C) CONTRACTING AUTHORITY.—The Ad-
10 ministrator may provide financial assistance, by
11 contract or otherwise, to a relevant national
12 women’s business center representative associa-
13 tion to provide assistance in establishing the
14 standards required under subparagraph (A) or
15 for carrying out an accreditation program pur-
16 suant to such standards.”.

17 **SEC. 1712. WOMEN’S BUSINESS CENTER PROGRAM.**

18 (a) DEFINITIONS.—Section 29(a) of the Small Busi-
19 ness Act (15 U.S.C. 656(a)) is amended—

20 (1) by striking paragraph (4);

21 (2) by redesignating paragraphs (2) and (3) as
22 paragraphs (3) and (4), respectively;

23 (3) by inserting after paragraph (1) the fol-
24 lowing:

25 “(2) the term ‘eligible entity’ means—

1 “(A) an organization described in section
2 501(c) of the Internal Revenue Code of 1986
3 and exempt from taxation under section 501(a)
4 of such Code;

5 “(B) a State, regional, or local economic
6 development organization, so long as the orga-
7 nization certifies that grant funds received
8 under this section will not be commingled with
9 other funds;

10 “(C) an institution of higher education,
11 unless such institution is currently receiving a
12 grant under section 21;

13 “(D) a development, credit, or finance cor-
14 poration chartered by a State, so long as the
15 corporation certifies that grant funds received
16 under this section will not be commingled with
17 other funds; or

18 “(E) any combination of entities listed in
19 subparagraphs (A) through (D);”;

20 (4) by adding at the end the following:

21 “(5) the term ‘women’s business center’ means
22 the location at which counseling and training on the
23 management, operations (including manufacturing,
24 services, and retail), access to capital, international
25 trade, Government procurement opportunities, and

1 any other matter is needed to start, maintain, or ex-
2 pand a small business concern owned and controlled
3 by women.”.

4 (b) AUTHORITY.—Section 29(b) of the Small Busi-
5 ness Act (15 U.S.C. 656(b)) is amended—

6 (1) by redesignating paragraphs (1), (2), and
7 (3) as subparagraphs (A), (B), and (C), respectively,
8 and adjusting the margins accordingly;

9 (2) by striking “The Administration” and all
10 that follows through “5-year projects” and inserting
11 the following:

12 “(1) IN GENERAL.—There is established a
13 Women’s Business Center Program under which the
14 Administrator may provide a grant to any eligible
15 entity to operate one or more women’s business cen-
16 ters”;

17 (3) by striking “The projects shall” and insert-
18 ing the following:

19 “(2) USE OF FUNDS.—The women’s business
20 centers shall be designed to provide counseling and
21 training that meets the needs of women, especially
22 socially or economically disadvantaged women, and
23 shall”; and

24 (4) by adding at the end the following:

25 “(3) AMOUNT OF GRANTS.—

1 “(A) IN GENERAL.—The amount of a
2 grant provided under this subsection to an eligi-
3 ble entity per project year shall be not more
4 than \$185,000 (as such amount is annually ad-
5 justed by the Administrator to reflect the
6 change in inflation).

7 “(B) ADDITIONAL GRANTS.—

8 “(i) IN GENERAL.—Notwithstanding
9 subparagraph (A), with respect to an eligi-
10 ble entity that has received \$185,000
11 under this subsection in a project year, the
12 Administrator may award an additional
13 grant under this subsection of up to
14 \$65,000 during such project year if the
15 Administrator determines that the eligible
16 entity—

17 “(I) agrees to obtain, after its
18 application has been approved and no-
19 tice of award has been issued, cash
20 contributions from non-Federal
21 sources of 1 non-Federal dollar for
22 each Federal dollar;

23 “(II) is in good standing with the
24 Women’s Business Center Program;
25 and

1 “(III) has met performance goals
2 for the previous project year, if appli-
3 cable.

4 “(ii) LIMITATIONS.—The Adminis-
5 trator may only award additional grants
6 under clause (i)—

7 “(I) during the 3rd and 4th
8 quarters of the fiscal year; and

9 “(II) from unobligated amounts
10 made available to the Administrator
11 to carry out this section.

12 “(4) NOTICE AND COMMENT REQUIRED.—The
13 Administrator may only make a change to the stand-
14 ards by which an eligible entity obtains or maintains
15 grants under this section, the standards for accredi-
16 tation, or any other requirement for the operation of
17 a women’s business center if the Administrator first
18 provides notice and the opportunity for public com-
19 ment, as set forth in section 553(b) of title 5,
20 United States Code, without regard to any excep-
21 tions provided for under such section.”.

22 (c) CONDITIONS OF PARTICIPATION.—Section 29(c)
23 of the Small Business Act (15 U.S.C. 656(c)) is amend-
24 ed—

25 (1) in paragraph (1)—

1 (A) by striking “the recipient organiza-
2 tion” and inserting “an eligible entity”; and

3 (B) by striking “financial assistance” and
4 inserting “a grant”;

5 (2) in paragraph (3)—

6 (A) by striking “financial assistance au-
7 thorized pursuant to this section may be made
8 by grant, contract, or cooperative agreement
9 and” and inserting “grants authorized pursuant
10 to this section”; and

11 (B) in the second sentence, by striking “a
12 recipient organization” and inserting “an eligi-
13 ble entity”;

14 (3) in paragraph (4)—

15 (A) by striking “recipient of assistance”
16 and inserting “eligible entity”;

17 (B) by striking “during any project, it
18 shall not be eligible thereafter” and inserting
19 “during any project for 2 consecutive years, the
20 eligible entity shall not be eligible at any time
21 after that 2-year period”;

22 (C) by striking “such organization” and
23 inserting “the eligible entity”; and

24 (D) by striking “the recipient” and insert-
25 ing “the eligible entity”; and

1 (4) by adding at end the following:

2 “(5) SEPARATION OF PROJECT AND FUNDS.—

3 An eligible entity shall—

4 “(A) carry out a project under this section
5 separately from other projects, if any, of the eli-
6 gible entity; and

7 “(B) separately maintain and account for
8 any grants under this section.

9 “(6) EXAMINATION OF ELIGIBLE ENTITIES.—

10 “(A) REQUIRED SITE VISIT.—Each appli-
11 cant, prior to receiving a grant under this sec-
12 tion, shall have a site visit by an employee of
13 the Administration, in order to ensure that the
14 applicant has sufficient resources to provide the
15 services for which the grant is being provided.

16 “(B) ANNUAL REVIEW.—An employee of
17 the Administration shall—

18 “(i) conduct an annual review of the
19 compliance of each eligible entity receiving
20 a grant under this section with the grant
21 agreement, including a financial examina-
22 tion; and

23 “(ii) provide such review to the eligi-
24 ble entity as required under subsection (1).

25 “(7) REMEDIATION OF PROBLEMS.—

1 “(A) PLAN OF ACTION.—If a review of an
2 eligible entity under paragraph (6)(B) identifies
3 any problems, the eligible entity shall, within 45
4 calendar days after receiving such review, pro-
5 vide the Assistant Administrator with a plan of
6 action, including specific milestones, for cor-
7 recting such problems.

8 “(B) PLAN OF ACTION REVIEW BY THE AS-
9 SISTANT ADMINISTRATOR.—The Assistant Ad-
10 ministrator shall review each plan of action sub-
11 mitted under subparagraph (A) within 30 cal-
12 endar days after receiving such plan and—

13 “(i) if the Assistant Administrator de-
14 termines that such plan will bring the eligi-
15 ble entity into compliance with all the
16 terms of the grant agreement, approve
17 such plan; or

18 “(ii) if the Assistant Administrator
19 determines that such plan is inadequate to
20 remedy the problems identified in the an-
21 nual review to which the plan of action re-
22 lates, the Assistant Administrator shall set
23 forth such reasons in writing and provide
24 such determination to the eligible entity

1 within 15 calendar days after such deter-
2 mination.

3 “(C) AMENDMENT TO PLAN OF ACTION.—

4 An eligible entity receiving a determination
5 under subparagraph (B)(ii) shall have 30 cal-
6 endar days after the receipt of the determina-
7 tion to amend the plan of action to satisfy the
8 problems identified by the Assistant Adminis-
9 trator and resubmit such plan to the Assistant
10 Administrator.

11 “(D) AMENDED PLAN REVIEW BY THE AS-

12 SISTANT ADMINISTRATOR.—Within 15 calendar
13 days after the receipt of an amended plan of ac-
14 tion under subparagraph (C), the Assistant Ad-
15 ministrators shall either approve or reject such
16 plan and provide such approval or rejection in
17 writing to the eligible entity.

18 “(E) APPEAL OF ASSISTANT ADMINIS-

19 TRATOR DETERMINATION.—

20 “(i) IN GENERAL.—If the Assistant

21 Administrator rejects an amended plan
22 under subparagraph (D), the eligible entity
23 shall have the opportunity to appeal such
24 decision to the Administrator, who may

1 delegate such appeal to an appropriate of-
2 ficer of the Administration.

3 “(ii) OPPORTUNITY FOR EXPLA-
4 NATION.—Any appeal described under
5 clause (i) shall provide an opportunity for
6 the eligible entity to provide, in writing, an
7 explanation of why the eligible entity’s plan
8 remedies the problems identified in the an-
9 nual review.

10 “(iii) NOTICE OF DETERMINATION.—
11 The determination of the appeal shall be
12 provided to the eligible entity, in writing,
13 within 15 calendar days after the eligible
14 entity’s filing of the appeal.

15 “(iv) EFFECT OF FAILURE TO ACT.—
16 If the Administrator fails to act on an ap-
17 peal made under this subparagraph within
18 the 15 calendar day period specified under
19 clause (iii), the eligible entity’s amended
20 plan of action submitted under subpara-
21 graph (C) shall be deemed to be approved.

22 “(8) TERMINATION OF GRANT.—

23 “(A) IN GENERAL.—The Administrator
24 shall require that, if an eligible entity fails to
25 comply with a plan of action approved by the

1 Assistant Administrator under paragraph
2 (7)(B)(i) or an amended plan of action ap-
3 proved by the Assistant Administrator under
4 paragraph (7)(D) or approved on appeal under
5 paragraph (7)(E), the Assistant Administrator
6 terminate the grant provided to the eligible en-
7 tity under this section.

8 “(B) APPEAL OF TERMINATION.—An eligi-
9 ble entity that has a grant terminated under
10 subparagraph (A) shall have the opportunity to
11 challenge the termination on the record and
12 after an opportunity for a hearing.

13 “(C) FINAL AGENCY ACTION.—The deter-
14 mination made pursuant to subparagraph (B)
15 shall be considered final agency action for the
16 purposes of chapter 7 of title 5, United States
17 Code.”.

18 (d) SUBMISSION OF 5-YEAR PLAN.—Section 29(e) of
19 the Small Business Act (15 U.S.C. 656(e)) is amended—

20 (1) by striking “applicant organization” and in-
21 sserting “eligible entity”;

22 (2) by striking “a recipient organization” and
23 inserting “an eligible entity”;

24 (3) by striking “financial assistance” and in-
25 sserting “grants”; and

1 (4) by striking “site”.

2 (e) APPLICATIONS AND CRITERIA FOR INITIAL
3 GRANT.—Subsection (f) of section 29 of the Small Busi-
4 ness Act (15 U.S.C. 656) is amended to read as follows:

5 “(f) APPLICATIONS AND CRITERIA FOR INITIAL
6 GRANT.—

7 “(1) APPLICATION.—Each eligible entity desir-
8 ing a grant under subsection (b) shall submit to the
9 Administrator an application that contains—

10 “(A) a certification that the eligible enti-
11 ty—

12 “(i) has designated an executive direc-
13 tor or program manager, who may be com-
14 pensated using grant funds under sub-
15 section (b) or other sources, to manage the
16 women’s business center for which a grant
17 under subsection (b) is sought; and

18 “(ii) meets the accounting and report-
19 ing requirements established by the Direc-
20 tor of the Office of Management and
21 Budget;

22 “(B) information demonstrating that the
23 eligible entity has the ability and resources to
24 meet the needs of the market to be served by
25 the women’s business center, including the abil-

1 ity to obtain the non-Federal contribution re-
2 quired under subsection (c);

3 “(C) information relating to the assistance
4 to be provided by the women’s business center
5 in the area in which the women’s business cen-
6 ter is located;

7 “(D) information demonstrating the expe-
8 rience and effectiveness of the eligible entity
9 in—

10 “(i) conducting the services described
11 under subsection (a)(5);

12 “(ii) providing training and services to
13 a representative number of women who are
14 socially or economically disadvantaged; and

15 “(iii) working with resource partners
16 of the Administration and other entities,
17 such as universities; and

18 “(E) a 5-year plan that describes the abil-
19 ity of the eligible entity to provide the services
20 described under subsection (a)(3), including to
21 a representative number of women who are so-
22 cially or economically disadvantaged.

23 “(2) REVIEW AND APPROVAL OF APPLICATIONS
24 FOR INITIAL GRANTS.—

1 “(A) REVIEW AND SELECTION OF ELIGI-
2 BLE ENTITIES.—

3 “(i) IN GENERAL.—The Administrator
4 shall review applications to determine
5 whether the applicant can meet obligations
6 to perform the activities required by a
7 grant under this section, including—

8 “(I) the experience of the appli-
9 cant in conducting activities required
10 by this section;

11 “(II) the amount of time needed
12 for the applicant to commence oper-
13 ations should it be awarded a grant;

14 “(III) the capacity of the appli-
15 cant to meet the accreditation stand-
16 ards established by the Administrator
17 in a timely manner;

18 “(IV) the ability of the applicant
19 to sustain operations for more than 5
20 years (including its ability to obtain
21 sufficient non-Federal funds for that
22 period);

23 “(V) the location of the women’s
24 business center and its proximity to

1 other grant recipients under this sec-
2 tion; and

3 “(VI) the population density of
4 the area to be served by the women’s
5 business center.

6 “(ii) SELECTION CRITERIA.—

7 “(I) GUIDANCE.—The Adminis-
8 trator shall issue guidance (after pro-
9 viding an opportunity for notice and
10 comment) to specify the criteria for
11 review and selection of applicants
12 under this subsection.

13 “(II) MODIFICATIONS PROHIB-
14 ITED AFTER ANNOUNCEMENT.—With
15 respect to a public announcement of
16 any opportunity to be awarded a
17 grant under this section made by the
18 Administrator pursuant to subsection
19 (l)(1), the Administrator may not
20 modify guidance issued pursuant to
21 subclause (I) with respect to such op-
22 portunity unless required to do so by
23 an Act of Congress or an order of a
24 Federal court.

1 “(III) RULE OF CONSTRUC-
2 TION.—Nothing in this clause may be
3 construed as prohibiting the Adminis-
4 trator from modifying the guidance
5 issued pursuant to subclause (I) (after
6 providing an opportunity for notice
7 and comment) as such guidance ap-
8 plies to an opportunity to be awarded
9 a grant under this section that the
10 Administrator has not yet publicly an-
11 nounced pursuant to subsection (l)(1).

12 “(B) RECORD RETENTION.—

13 “(i) IN GENERAL.—The Administrator
14 shall maintain a copy of each application
15 submitted under this subsection for not
16 less than 5 years.

17 “(ii) PAPERWORK REDUCTION.—The
18 Administrator shall take steps to reduce,
19 to the maximum extent practicable, the pa-
20 perwork burden associated with carrying
21 out clause (i).”.

22 (f) NOTIFICATION REQUIREMENTS UNDER THE
23 WOMEN’S BUSINESS CENTER PROGRAM.—Section 29 of
24 the Small Business Act (15 U.S.C. 656) is amended by
25 inserting after subsection (k) the following:

1 “(1) NOTIFICATION REQUIREMENTS UNDER THE
2 WOMEN’S BUSINESS CENTER PROGRAM.—The Adminis-
3 trator shall provide—

4 “(1) a public announcement of any opportunity
5 to be awarded grants under this section, and such
6 announcement shall include the standards by which
7 such award will be made, including the guidance
8 issued pursuant to subsection (f)(2)(A)(ii);

9 “(2) the opportunity for any applicant for a
10 grant under this section that failed to obtain such
11 a grant a debriefing with the Assistant Adminis-
12 trator to review the reasons for the applicant’s fail-
13 ure; and

14 “(3) with respect to any site visit or evaluation
15 of an eligible entity receiving a grant under this sec-
16 tion that is carried out by an officer or employee of
17 the Administration (other than the Inspector Gen-
18 eral), a copy of the site visit report or evaluation, as
19 applicable, within 30 calendar days after the comple-
20 tion of such visit or evaluation.”.

21 (g) CONTINUED FUNDING FOR CENTERS.—Section
22 29(m) of the Small Business Act (15 U.S.C. 656(m)) is
23 amended—

24 (1) by striking paragraph (3) and inserting the
25 following:

1 “(3) APPLICATION AND APPROVAL FOR CON-
2 TINUATION GRANTS.—

3 “(A) SOLICITATION OF APPLICATIONS.—

4 The Administrator shall solicit applications and
5 award continuation grants under this subsection
6 for the first fiscal year beginning after the date
7 of enactment of this paragraph, and every third
8 fiscal year thereafter.

9 “(B) CONTENTS OF APPLICATION.—Each
10 eligible entity desiring a grant under this sub-
11 section shall submit to the Administrator an ap-
12 plication that contains—

13 “(i) a certification that the appli-
14 cant—

15 “(I) is an eligible entity;

16 “(II) has designated an executive
17 director or program manager to man-
18 age the women’s business center oper-
19 ated by the applicant; and

20 “(III) as a condition of receiving
21 a grant under this subsection,
22 agrees—

23 “(aa) to receive a site visit
24 as part of the final selection

1 process, at the discretion of the
2 Administrator; and

3 “(bb) to remedy any prob-
4 lem identified pursuant to the
5 site visit under item (aa);

6 “(ii) information demonstrating that
7 the applicant has the ability and resources
8 to meet the needs of the market to be
9 served by the women’s business center for
10 which a grant under this subsection is
11 sought, including the ability to obtain the
12 non-Federal contribution required under
13 paragraph (4)(C);

14 “(iii) information relating to assist-
15 ance to be provided by the women’s busi-
16 ness center in the geographic area served
17 by the women’s business center for which
18 a grant under this subsection is sought;

19 “(iv) information demonstrating that
20 the applicant has worked with resource
21 partners of the Administration and other
22 entities;

23 “(v) a 3-year plan that describes the
24 services provided by the women’s business

1 center for which a grant under this sub-
2 section is sought—

3 “(I) to serve women who are
4 business owners or potential business
5 owners by conducting training and
6 counseling activities; and

7 “(II) to provide training and
8 services to a representative number of
9 women who are socially or economi-
10 cally disadvantaged; and

11 “(vi) any additional information that
12 the Administrator may reasonably require.

13 “(C) REVIEW AND APPROVAL OF APPLICA-
14 TIONS FOR GRANTS.—

15 “(i) IN GENERAL.—The Adminis-
16 trator—

17 “(I) shall review each application
18 submitted under subparagraph (B),
19 based on the information described in
20 such subparagraph and the criteria
21 set forth under clause (ii) of this sub-
22 paragraph; and

23 “(II) as part of the final selection
24 process, may conduct a site visit to
25 each women’s business center for

1 which a grant under this subsection is
2 sought to evaluate the women's busi-
3 ness center using the selection criteria
4 described in clause (ii)(II).

5 “(ii) SELECTION CRITERIA.—

6 “(I) IN GENERAL.—The Admin-
7 istrator shall evaluate applicants for
8 grants under this subsection in ac-
9 cordance with selection criteria that
10 are—

11 “(aa) established before the
12 date on which applicants are re-
13 quired to submit the applications;

14 “(bb) stated in terms of rel-
15 ative importance; and

16 “(cc) publicly available and
17 stated in each solicitation for ap-
18 plications for grants under this
19 subsection made by the Adminis-
20 trator.

21 “(II) REQUIRED CRITERIA.—The
22 selection criteria for a grant under
23 this subsection shall include—

1 “(aa) the total number of
2 entrepreneurs served by the ap-
3 plicant;

4 “(bb) the total number of
5 new startup companies assisted
6 by the applicant;

7 “(cc) the percentage of cli-
8 ents of the applicant that are so-
9 cially or economically disadvan-
10 taged;

11 “(dd) the percentage of indi-
12 viduals in the community served
13 by the applicant who are socially
14 or economically disadvantaged;

15 “(ee) the successful accredi-
16 tation of the applicant under the
17 accreditation program developed
18 under subsection (g)(5); and

19 “(ff) any additional criteria
20 that the Administrator may rea-
21 sonably require.

22 “(iii) CONDITIONS FOR CONTINUED
23 FUNDING.—In determining whether to
24 make a grant under this subsection, the
25 Administrator—

1 “(I) shall consider the results of
2 the most recent evaluation of the
3 women’s business center for which a
4 grant under this subsection is sought,
5 and, to a lesser extent, previous eval-
6 uations; and

7 “(II) may withhold a grant under
8 this subsection, if the Administrator
9 determines that the applicant has
10 failed to provide the information re-
11 quired to be provided under this para-
12 graph, or the information provided by
13 the applicant is inadequate.

14 “(D) NOTIFICATION.—Not later than 60
15 calendar days after the date of each deadline to
16 submit applications under this paragraph, the
17 Administrator shall approve or deny each sub-
18 mitted application and notify the applicant for
19 each such application of the approval or denial.

20 “(E) RECORD RETENTION.—

21 “(i) IN GENERAL.—The Administrator
22 shall maintain a copy of each application
23 submitted under this paragraph for not
24 less than 5 years.

1 “(ii) PAPERWORK REDUCTION.—The
2 Administrator shall take steps to reduce,
3 to the maximum extent practicable, the pa-
4 perwork burden associated with carrying
5 out clause (i).”; and

6 (2) by striking paragraph (5) and inserting the
7 following:

8 “(5) AWARD TO PREVIOUS RECIPIENTS.—There
9 shall be no limitation on the number of times the
10 Administrator may award a grant to an applicant
11 under this subsection.”.

12 (h) TECHNICAL AND CONFORMING AMENDMENTS.—
13 Section 29 of the Small Business Act (15 U.S.C. 656) is
14 amended—

15 (1) in subsection (h)(2), by striking “to award
16 a contract (as a sustainability grant) under sub-
17 section (l) or”;

18 (2) in subsection (j)(1), by striking “The Ad-
19 ministration” and inserting “Not later than Novem-
20 ber 1 of each year, the Administrator”;

21 (3) in subsection (k)—

22 (A) by striking paragraphs (1) and (4);

23 (B) by inserting before paragraph (2) the
24 following:

1 “(1) IN GENERAL.—There are authorized to be
2 appropriated to the Administration to carry out this
3 section, to remain available until expended,
4 \$21,750,000 for each of fiscal years 2018 through
5 2021.”; and

6 (C) in paragraph (2), by striking subpara-
7 graph (B) and inserting the following:

8 “(B) EXCEPTIONS.—Of the amount made
9 available under this subsection for a fiscal year,
10 the following amounts shall be available for se-
11 lection panel costs, costs associated with main-
12 taining an accreditation program, and post-
13 award conference costs:

14 “(i) For the first fiscal year beginning
15 after the date of the enactment of this sub-
16 paragraph, 2.65 percent.

17 “(ii) For the second fiscal year begin-
18 ning after the date of the enactment of
19 this subparagraph and each fiscal year
20 thereafter through fiscal year 2021, 2.5
21 percent.”; and

22 (4) in subsection (m)—

23 (A) in paragraph (2), by striking “sub-
24 section (b) or (l)” and inserting “this sub-
25 section or subsection (b)”;

1 (B) in paragraph (4)(D), by striking “or
2 subsection (l)”.

3 (i) EFFECT ON EXISTING GRANTS.—

4 (1) TERMS AND CONDITIONS.—A nonprofit or-
5 ganization receiving a grant under section 29(m) of
6 the Small Business Act (15 U.S.C. 656(m)), as in
7 effect on the day before the date of enactment of
8 this Act, shall continue to receive the grant under
9 the terms and conditions in effect for the grant on
10 the day before the date of enactment of this Act, ex-
11 cept that the nonprofit organization may not apply
12 for a continuation of the grant under section
13 29(m)(5) of the Small Business Act (15 U.S.C.
14 656(m)(5)), as in effect on the day before the date
15 of enactment of this Act.

16 (2) LENGTH OF CONTINUATION GRANT.—The
17 Administrator of the Small Business Administration
18 may award a grant under section 29(m) of the Small
19 Business Act to a nonprofit organization receiving a
20 grant under section 29(m) of the Small Business
21 Act (15 U.S.C. 656(m)), as in effect on the day be-
22 fore the date of enactment of this Act, for the pe-
23 riod—

1 (A) beginning on the day after the last day
2 of the grant agreement under such section
3 29(m); and

4 (B) ending at the end of the third fiscal
5 year beginning after the date of enactment of
6 this Act.

7 **SEC. 1713. MATCHING REQUIREMENTS UNDER WOMEN'S**
8 **BUSINESS CENTER PROGRAM.**

9 Section 29(c) of the Small Business Act (15 U.S.C.
10 656(c)), as amended by this Act, is further amended by
11 adding at the end the following new paragraph:

12 “(9) WAIVER OF NON-FEDERAL SHARE.—

13 “(A) IN GENERAL.—Upon request by an
14 eligible entity, and in accordance with this para-
15 graph, the Administrator may waive, in whole
16 or in part, the requirement to obtain non-Fed-
17 eral funds under this subsection for counseling
18 and training activities of the eligible entity car-
19 ried out using a grant under this section for a
20 fiscal year. The Administrator may not waive
21 the requirement for an eligible entity to obtain
22 non-Federal funds under this paragraph for
23 more than a total of 2 consecutive fiscal years.

24 “(B) CONSIDERATIONS.—In determining
25 whether to waive the requirement to obtain

1 non-Federal funds under this paragraph, the
2 Administrator shall consider—

3 “(i) the economic conditions affecting
4 the eligible entity;

5 “(ii) the impact a waiver under this
6 paragraph would have on the credibility of
7 the Women’s Business Center Program
8 under this section;

9 “(iii) the demonstrated ability of the
10 eligible entity to raise non-Federal funds;
11 and

12 “(iv) the performance of the eligible
13 entity.

14 “(C) LIMITATION.—The Administrator
15 may not waive the requirement to obtain non-
16 Federal funds under this paragraph if granting
17 the waiver would undermine the credibility of
18 the Women’s Business Center Program.

19 “(10) SOLICITATION.—Notwithstanding any
20 other provision of law, an eligible entity may—

21 “(A) solicit cash and in-kind contributions
22 from private individuals and entities to be used
23 to carry out the activities of the eligible entity
24 under a project conducted under this section;
25 and

1 “(B) use amounts made available by the
2 Administrator under this section for the cost of
3 such solicitation and management of the con-
4 tributions received.

5 “(11) EXCESS NON-FEDERAL DOLLARS.—The
6 amount of non-Federal dollars obtained by an eligi-
7 ble entity that is above the amount that is required
8 to be obtained by the eligible entity under this sub-
9 section shall not be subject to the requirements of
10 part 200 of title 2, Code of Federal Regulations, or
11 any successor thereto, if such amount of non-Fed-
12 eral dollars—

13 “(A) is not used as matching funds for
14 purposes of implementing the Women’s Busi-
15 ness Center Program; and

16 “(B) was not obtained using funds from
17 the Women’s Business Center Program.”.

18 **Subtitle C—SCORE Program**

19 **SEC. 1721. SCORE REAUTHORIZATION.**

20 Section 20 of the Small Business Act (15 U.S.C. 631
21 note) is amended—

22 (1) by redesignating subsection (j) as sub-
23 section (f); and

24 (2) by adding at the end the following new sub-
25 section:

1 “(g) SCORE PROGRAM.—There are authorized to be
2 appropriated to the Administrator to carry out the
3 SCORE program authorized by section 8(b)(1) such sums
4 as may be necessary for the Administrator to make grants
5 or enter into cooperative agreements in a total amount
6 that does not exceed \$10,500,000 in each of fiscal years
7 2018 and 2019.”.

8 **SEC. 1722. SCORE PROGRAM.**

9 Section 8 of the Small Business Act (15 U.S.C. 637)
10 is amended—

11 (1) in subsection (b)(1)(B), by striking “a Serv-
12 ice Corps of Retired Executives (SCORE)” and in-
13 sserting “the SCORE program described in sub-
14 section (c)”;

15 (2) by striking subsection (c) and inserting the
16 following new subsection:

17 “(c) SCORE PROGRAM.—

18 “(1) DEFINITION.—In this subsection:

19 “(A) SCORE ASSOCIATION.—The term
20 ‘SCORE Association’ means the Service Corps
21 of Retired Executives Association or any suc-
22 cessor or other organization that receives a
23 grant from the Administrator to operate the
24 SCORE program under paragraph (2)(A).

1 “(B) SCORE PROGRAM.—The term
2 ‘SCORE program’ means the SCORE program
3 authorized by subsection (b)(1)(B).

4 “(2) MANAGEMENT AND VOLUNTEERS.—

5 “(A) IN GENERAL.—The Administrator
6 shall provide a grant to the SCORE Association
7 to manage the SCORE program.

8 “(B) VOLUNTEERS.—A volunteer partici-
9 pating in the SCORE program shall—

10 “(i) based on the business experience
11 and knowledge of the volunteer—

12 “(I) provide at no cost to individ-
13 uals who own, or aspire to own, small
14 business concerns personal counseling,
15 mentoring, and coaching relating to
16 the process of starting, expanding,
17 managing, buying, and selling a busi-
18 ness; and

19 “(II) facilitate low-cost edu-
20 cational workshops for individuals who
21 own, or aspire to own, small business
22 concerns; and

23 “(ii) as appropriate, use tools, re-
24 sources, and expertise of other organiza-
25 tions to carry out the SCORE program.

1 “(3) PLANS AND GOALS.—The Administrator,
2 in consultation with the SCORE Association, shall
3 ensure that the SCORE program and each chapter
4 of the SCORE program develop and implement
5 plans and goals to more effectively and efficiently
6 provide services to individuals in rural areas, eco-
7 nomically disadvantaged communities, and other tra-
8 ditionally underserved communities, including plans
9 for electronic initiatives, web-based initiatives, chap-
10 ter expansion, partnerships, and the development of
11 new skills by volunteers participating in the SCORE
12 program.

13 “(4) ANNUAL REPORT.—The SCORE Associa-
14 tion shall submit to the Administrator an annual re-
15 port that contains—

16 “(A) the number of individuals counseled
17 or trained under the SCORE program;

18 “(B) the number of hours of counseling
19 provided under the SCORE program; and

20 “(C) to the extent possible—

21 “(i) the number of small business con-
22 cerns formed with assistance from the
23 SCORE program;

1 “(ii) the number of small business
2 concerns expanded with assistance from
3 the SCORE program; and

4 “(iii) the number of jobs created with
5 assistance from the SCORE program.

6 “(5) PRIVACY REQUIREMENTS.—

7 “(A) IN GENERAL.—Neither the Adminis-
8 trator nor the SCORE Association may disclose
9 the name, address, or telephone number of any
10 individual or small business concern receiving
11 assistance from the SCORE Association with-
12 out the consent of such individual or small busi-
13 ness concern, unless—

14 “(i) the Administrator is ordered to
15 make such a disclosure by a court in any
16 civil or criminal enforcement action initi-
17 ated by a Federal or State agency; or

18 “(ii) the Administrator determines
19 such a disclosure to be necessary for the
20 purpose of conducting a financial audit of
21 the SCORE program, in which case disclo-
22 sure shall be limited to the information
23 necessary for the audit.

24 “(B) ADMINISTRATOR USE OF INFORMA-
25 TION.—This paragraph shall not—

1 “(i) restrict the access of the Adminis-
2 trator to program activity data; or

3 “(ii) prevent the Administrator from
4 using client information to conduct client
5 surveys.

6 “(C) STANDARDS.—

7 “(i) IN GENERAL.—The Administrator
8 shall, after the opportunity for notice and
9 comment, establish standards for—

10 “(I) disclosures with respect to
11 financial audits under subparagraph
12 (A)(ii); and

13 “(II) conducting client surveys,
14 including standards for oversight of
15 the surveys and for dissemination and
16 use of client information.

17 “(ii) MAXIMUM PRIVACY PROTEC-
18 TION.—The standards issued under this
19 subparagraph shall, to the extent prac-
20 ticable, provide for the maximum amount
21 of privacy protection.”.

22 **SEC. 1723. ONLINE COMPONENT.**

23 (a) IN GENERAL.—Section 8(c) of the Small Busi-
24 ness Act (15 U.S.C. 637(c)), as amended by this Act, is
25 further amended by adding at the end the following:

1 “(6) ONLINE COMPONENT.—In carrying out
2 this subsection, the SCORE Association shall make
3 use of online counseling, including by developing and
4 implementing webinars and an electronic mentoring
5 platform to expand access to services provided under
6 this subsection and to further support entre-
7 preneurs.”.

8 (b) ONLINE COMPONENT REPORT.—

9 (1) IN GENERAL.—Not later than September
10 30, 2018, the SCORE Association shall issue a re-
11 port to the Committee on Small Business of the
12 House of Representatives and the Committee on
13 Small Business and Entrepreneurship of the Senate
14 on the effectiveness of the electronic mentoring and
15 webinars required as part of the SCORE program,
16 including—

17 (A) how the SCORE Association deter-
18 mines electronic mentoring and webinar needs,
19 develops training for electronic mentoring, es-
20 tablishes webinar curricula, and evaluates
21 webinar and electronic mentoring results;

22 (B) describing the internal controls that
23 are used and a summary of the topics covered
24 by the webinars; and

1 (C) performance metrics, including the
2 number of small business concerns counseled
3 by, the number of small business concerns cre-
4 ated by, the number of jobs created and re-
5 tained by, and the funding amounts directed to-
6 wards such online counseling and webinars.

7 (2) DEFINITIONS.—For purposes of this sub-
8 section, the terms “SCORE Association” and
9 “SCORE program” have the meaning given those
10 terms, respectively, under section 8(c)(1) of the
11 Small Business Act (15 U.S.C. 637(c)(1)).

12 **SEC. 1724. STUDY AND REPORT ON THE FUTURE ROLE OF**
13 **THE SCORE PROGRAM.**

14 (a) STUDY.—The SCORE Association shall carry out
15 a study on the future role of the SCORE program and
16 develop a strategic plan for how the SCORE program will
17 evolve to meet the needs of small business concerns over
18 the course of the 5 years following the date of enactment
19 of this Act, with markers and specific objectives for the
20 first, third, and final year of the 5-year period.

21 (b) REPORT.—Not later than the end of the 6-month
22 period beginning on the date of the enactment of this Act,
23 the SCORE Association shall submit a report to the Com-
24 mittee on Small Business of the House of Representatives

1 and the Committee on Small Business and Entrepreneur-
2 ship of the Senate containing—

3 (1) all findings and determination made in car-
4 rying out the study required under subsection (a);

5 (2) the strategic plan developed under sub-
6 section (a);

7 (3) an explanation of how the SCORE Associa-
8 tion plans to achieve the strategic plan, assuming
9 both stagnant and increased funding levels.

10 (c) DEFINITIONS.—For purposes of this section, the
11 terms “SCORE Association” and “SCORE program”
12 have the meaning given those terms, respectively, under
13 section 8(c)(1) of the Small Business Act (15 U.S.C.
14 637(c)(1)).

15 **SEC. 1725. TECHNICAL AND CONFORMING AMENDMENTS.**

16 (a) SMALL BUSINESS ACT.—The Small Business Act
17 (15 U.S.C. 631 et seq.) is amended—

18 (1) in section 7 (15 U.S.C. 636)—

19 (A) in subsection (b)(12)(A), by striking
20 “Service Corps of Retired Executives” and in-
21 serting “SCORE program”; and

22 (B) in subsection (m)(3)(A)(i)(VIII), by
23 striking “Service Corps of Retired Executives”
24 and inserting “SCORE program”;

25 (2) in section 22 (15 U.S.C. 649)—

1 (A) in subsection (b)—

2 (i) in paragraph (1), by striking
3 “Service Corps of Retired Executives” and
4 inserting “SCORE program”; and

5 (ii) in paragraph (3), by striking
6 “Service Corps of Retired Executives” and
7 inserting “SCORE program”; and

8 (B) in subsection (c)(12), by striking
9 “Service Corps of Retired Executives” and in-
10 serting “SCORE program”.

11 (b) OTHER LAWS.—

12 (1) CHILDREN’S HEALTH INSURANCE PROGRAM
13 REAUTHORIZATION ACT OF 2009.—Section 621 of the
14 Children’s Health Insurance Program Reauthoriza-
15 tion Act of 2009 (15 U.S.C. 657p) is amended—

16 (A) in subsection (a), by striking para-
17 graph (4) and inserting the following:

18 “(4) the term ‘SCORE program’ means the
19 SCORE program authorized by section 8(b)(1)(B)
20 of the Small Business Act (15 U.S.C.
21 637(b)(1)(B));” and

22 (B) in subsection (b)(4)(A)(iv), by striking
23 “Service Corps of Retired Executives” and in-
24 serting “SCORE program”.

1 (2) ENERGY POLICY AND CONSERVATION
2 ACT.—Section 337(d)(2)(A) of the Energy Policy
3 and Conservation Act (42 U.S.C. 6307(d)(2)(A)) is
4 amended by striking “Service Corps of Retired Ex-
5 ecutives (SCORE)” and inserting “SCORE pro-
6 gram”.

7 **Subtitle D—Small Business Devel-**
8 **opment Centers Improvements**

9 **SEC. 1731. USE OF AUTHORIZED ENTREPRENEURIAL DE-**
10 **VELOPMENT PROGRAMS.**

11 The Small Business Act (15 U.S.C. 631 et seq.) is
12 amended—

13 (1) by redesignating section 47 as section 48;
14 and

15 (2) by inserting after section 46 the following
16 new section:

17 **“SEC. 47. USE OF AUTHORIZED ENTREPRENEURIAL DEVEL-**
18 **OPMENT PROGRAMS.**

19 “(a) EXPANDED SUPPORT FOR ENTREPRENEURS.—

20 “(1) IN GENERAL.—Notwithstanding any other
21 provision of law, the Administrator shall only use
22 the programs authorized in sections 7(j), 7(m), 8(a),
23 8(b)(1), 21, 22, 29, and 32 of this Act, and sections
24 358 and 389 of the Small Business Investment Act
25 of 1958 to deliver entrepreneurial development serv-

1 ices, entrepreneurial education, support for the de-
2 velopment and maintenance of clusters, or business
3 training.

4 “(2) EXCEPTION.—This section shall not apply
5 to services provided to assist small business concerns
6 owned by an Indian tribe (as such term is defined
7 in section 8(a)(13)).

8 “(b) ANNUAL REPORT.—Beginning on the first De-
9 cember 1 after the date of the enactment of this sub-
10 section, and annually thereafter, the Administrator shall
11 report to the Committee on Small Business of the House
12 of Representatives and the Committee on Small Business
13 and Entrepreneurship of the Senate on all entrepreneurial
14 development activities undertaken in the current fiscal
15 year. This report shall include—

16 “(1) a description and operating details for
17 each activity;

18 “(2) operating circulars, manuals, and standard
19 operating procedures for each activity;

20 “(3) a description of the process used to award
21 grants under each activity;

22 “(4) a list of all awardees, contractors, and ven-
23 dors (including organization name and location) and
24 the amount of awards for the current fiscal year for
25 each activity;

1 “(5) the amount of funding obligated for the
2 current fiscal year for each activity; and

3 “(6) the names and titles for those individuals
4 responsible for each activity.”.

5 **SEC. 1732. MARKETING OF SERVICES.**

6 Section 21 of the Small Business Act (15 U.S.C. 648)
7 is amended by adding at the end the following new sub-
8 section:

9 “(o) NO PROHIBITION OF MARKETING OF SERV-
10 ICES.—The Administrator may not prohibit applicants re-
11 ceiving grants under this section from marketing and ad-
12 vertising their services to individuals and small business
13 concerns.”.

14 **SEC. 1733. DATA COLLECTION.**

15 (a) IN GENERAL.—Section 21(a)(3)(A) of the Small
16 Business Act (15 U.S.C. 648(a)(3)(A)) is amended—

17 (1) by striking “as provided in this section
18 and” and inserting “as provided in this section,”;
19 and

20 (2) by inserting before the period at the end the
21 following: “, and (iv) governing data collection ac-
22 tivities related to applicants receiving grants under
23 this section”.

24 (b) ANNUAL REPORT ON DATA COLLECTION.—Sec-
25 tion 21 of the Small Business Act (15 U.S.C. 648), as

1 amended by this Act, is further amended by adding at the
2 end the following new subsection:

3 “(p) ANNUAL REPORT ON DATA COLLECTION.—The
4 Administrator shall report annually to the Committee on
5 Small Business of the House of Representatives and the
6 Committee on Small Business and Entrepreneurship of
7 the Senate on any data collection activities related to the
8 Small Business Development Center Program.”.

9 (c) WORKING GROUP TO IMPROVE DATA COLLEC-
10 TION.—

11 (1) ESTABLISHMENT AND STUDY.—The Admin-
12 istrator of the Small Business Administration shall
13 establish a group to be known as the “Data Collec-
14 tion Working Group” consisting of members from
15 entrepreneurial development grant recipient associa-
16 tions and organizations and Administration officials,
17 to carry out a study to determine the best way to
18 capture data collection and create or revise existing
19 systems dedicated to data collection.

20 (2) REPORT.—Not later than the end of the
21 180-day period beginning on the date of the enact-
22 ment of this Act, the Data Collection Working
23 Group shall submit a report to the Committee on
24 Small Business of the House of Representatives and
25 the Committee on Small Business and Entrepre-

1 neurship of the Senate containing the findings and
2 determinations made in carrying out the study re-
3 quired under paragraph (1), including—

4 (A) recommendations for revising existing
5 data collection practices; and

6 (B) a proposed plan for the Administrator
7 of the Small Business Administration to imple-
8 ment such recommendations.

9 **SEC. 1734. FEES FROM PRIVATE PARTNERSHIPS AND CO-**
10 **SPONSORSHIPS.**

11 Section 21(a)(3) of the Small Business Act (15
12 U.S.C. 648(a)(3)(C)), as amended by this Act, is further
13 amended by adding at the end the following new subpara-
14 graph:

15 “(D) FEES FROM PRIVATE PARTNERSHIPS AND CO-
16 SPONSORSHIPS.—Participation in private partnerships
17 and cosponsorships with the Administration shall not limit
18 small business development centers from collecting fees or
19 other income related to the operation of such private part-
20 nerships and cosponsorships.”.

21 **SEC. 1735. EQUITY FOR SMALL BUSINESS DEVELOPMENT**
22 **CENTERS.**

23 Subclause (I) of section 21(a)(4)(C)(v) of the Small
24 Business Act (15 U.S.C. 648(a)(4)(C)(v)(I)) is amended
25 to read as follows:

1 “(I) IN GENERAL.—Of the
2 amounts made available in any fiscal
3 year to carry out this section, not
4 more than \$600,000 may be used by
5 the Administration to pay expenses
6 described under subparagraphs (B)
7 through (D) of section 20(a)(1).”.

8 **SEC. 1736. CONFIDENTIALITY REQUIREMENTS.**

9 Section 21(a)(7)(A) of the Small Business Act (15
10 U.S.C. 648(a)(7)(A)) is amended by inserting after
11 “under this section” the following: “to any State, local,
12 or Federal agency, or to any third party”.

13 **SEC. 1737. LIMITATION ON AWARD OF GRANTS TO SMALL**
14 **BUSINESS DEVELOPMENT CENTERS.**

15 (a) IN GENERAL.—Section 21 of the Small Business
16 Act (15 U.S.C. 648), as amended by this Act, is further
17 amended—

18 (1) in subsection (a)(1), by striking “any wom-
19 en’s business center operating pursuant to section
20 29,”;

21 (2) by adding at the end the following new sub-
22 section:

23 “(q) LIMITATION ON AWARD OF GRANTS.—Except
24 for not-for-profit institutions of higher education, and not-
25 withstanding any other provision of law, the Administrator

1 may not award grants (including contracts and coopera-
2 tive agreements) under this section to any entity other
3 than those that received grants (including contracts and
4 cooperative agreements) under this section prior to the
5 date of the enactment of this subsection, and that seek
6 to renew such grants (including contracts and cooperative
7 agreements) after such date.”.

8 (b) **RULE OF CONSTRUCTION.**—The amendments
9 made by this section may not be construed as prohibiting
10 a women’s business center from receiving a subgrant from
11 an entity receiving a grant under section 21 of the Small
12 Business Act (15 U.S.C. 648).

13 **Subtitle E—Miscellaneous**

14 **SEC. 1741. MODIFICATION OF PAST PERFORMANCE PILOT** 15 **PROGRAM TO INCLUDE CONSIDERATION OF** 16 **PAST PERFORMANCE WITH ALLIES OF THE** 17 **UNITED STATES.**

18 (a) **IN GENERAL.**—Section 8(d)(17) of the Small
19 Business Act (15 U.S.C. 637(d)(17)) is amended—

20 (1) in subparagraph (G)—

21 (A) in clause (i), by inserting “and, set
22 forth separately, the number of small business
23 exporters,” after “small business concerns”;
24 and

1 (B) in clause (ii), by inserting “, set forth
2 separately by applications from small business
3 concerns and from small business exporters,”
4 after “applications”; and

5 (2) by amending subparagraph (H) to read as
6 follows:

7 “(H) DEFINITIONS.—In this paragraph—

8 “(i) the term ‘appropriate official’ means—

9 “(I) a commercial market representa-
10 tive;

11 “(II) another individual designated by
12 the senior official appointed by the Admin-
13 istrator with responsibilities under sections
14 8, 15, 31, and 36; or

15 “(III) the Office of Small and Dis-
16 advantaged Business Utilization of a Fed-
17 eral agency, if the head of the Federal
18 agency and the Administrator agree;

19 “(ii) the term ‘defense item’ has the mean-
20 ing given that term in section 38(j)(4)(A) of the
21 Arms Export Control Act (22 U.S.C.
22 2778(j)(4)(A));

23 “(iii) the term ‘major non-NATO ally’
24 means a country designated as a major non-

1 NATO ally under section 517 of the Foreign
2 Assistance Act of 1961 (22 U.S.C. 2321k);

3 “(iv) the term ‘past performance’ includes
4 performance of a contract for a sale of defense
5 items (under section 38 of the Arms Export
6 Control Act (22 U.S.C. 2778)) to the govern-
7 ment of a member nation of North Atlantic
8 Treaty Organization, the government of a
9 major non-NATO ally, or the government of a
10 country with which the United States has a de-
11 fense cooperation agreement (as certified by the
12 Secretary of State); and

13 “(v) the term ‘small business exporter’
14 means a small business concern that exports de-
15 fense items under section 38 of the Arms Ex-
16 port Control Act (22 U.S.C. 2778) to the gov-
17 ernment of a member nation of the North At-
18 lantic Treaty Organization, the government of a
19 major non-NATO ally, or the government of a
20 country with which the United States has a de-
21 fense cooperation agreement (as certified by the
22 Secretary of State).”.

23 (b) TECHNICAL AMENDMENT.—Section 8(d)(17)(A)
24 of the Small Business Act (15 U.S.C. 637(d)(17)(A)) is

1 amended by striking “paragraph 13(A)” and inserting
2 “paragraph (13)(A)”.

3 **DIVISION B—MILITARY CON-**
4 **STRUCTION AUTHORIZA-**
5 **TIONS**

6 **SEC. 2001. SHORT TITLE.**

7 This division may be cited as the “Military Construc-
8 tion Authorization Act for Fiscal Year 2018”.

9 **SEC. 2002. EXPIRATION OF AUTHORIZATIONS AND**
10 **AMOUNTS REQUIRED TO BE SPECIFIED BY**
11 **LAW.**

12 (a) EXPIRATION OF AUTHORIZATIONS AFTER THREE
13 YEARS.—Except as provided in subsection (b), all author-
14 izations contained in titles XXI through XXVII and title
15 XXIX for military construction projects, land acquisition,
16 family housing projects and facilities, and contributions to
17 the North Atlantic Treaty Organization Security Invest-
18 ment Program (and authorizations of appropriations
19 therefor) shall expire on the later of—

20 (1) October 1, 2020; or

21 (2) the date of the enactment of an Act author-
22 izing funds for military construction for fiscal year
23 2021.

24 (b) EXCEPTION.—Subsection (a) shall not apply to
25 authorizations for military construction projects, land ac-

1 quision, family housing projects and facilities, and con-
2 tributions to the North Atlantic Treaty Organization Se-
3 curity Investment Program (and authorizations of appro-
4 priations therefor), for which appropriated funds have
5 been obligated before the later of—

6 (1) October 1, 2020; or

7 (2) the date of the enactment of an Act author-
8 izing funds for fiscal year 2021 for military con-
9 struction projects, land acquisition, family housing
10 projects and facilities, or contributions to the North
11 Atlantic Treaty Organization Security Investment
12 Program.

13 **SEC. 2003. EFFECTIVE DATE.**

14 Titles XXI through XXVII and title XXIX shall take
15 effect on the later of—

16 (1) October 1, 2017; or

17 (2) the date of the enactment of this Act.

18 **TITLE XXI—ARMY MILITARY**
19 **CONSTRUCTION**

20 **SEC. 2101. AUTHORIZED ARMY CONSTRUCTION AND LAND**
21 **ACQUISITION PROJECTS.**

22 (a) **INSIDE THE UNITED STATES.**—Using amounts
23 appropriated pursuant to the authorization of appropria-
24 tions in section 2104(a) and available for military con-
25 struction projects inside the United States as specified in

1 the funding table in section 4601, the Secretary of the
 2 Army may acquire real property and carry out military
 3 construction projects for the installations or locations in-
 4 side the United States, and in the amounts, set forth in
 5 the following table:

Army: Inside the United States

State	Installation	Amount
Alabama	Fort Rucker	\$38,000,000
Arizona	Davis-Monthan Air Force Base	\$22,000,000
	Fort Huachuca	\$30,000,000
California	Fort Irwin	\$3,000,000
Colorado	Fort Carson	\$29,300,000
Florida	Eglin Air Force Base	\$18,000,000
Georgia	Fort Benning	\$38,800,000
	Fort Gordon	\$51,500,000
Indiana	Crane Army Ammunition Plant	\$24,000,000
New York	U.S. Military Academy	\$22,000,000
South Carolina	Fort Jackson	\$60,000,000
	Shaw Air Force Base	\$25,000,000
Texas	Camp Bullis	\$13,600,000
	Fort Hood	\$70,000,000
Virginia	Joint Base Langley-Eustis	\$34,000,000
	Joint Base Myer-Henderson	\$20,000,000
Washington	Joint Base Lewis-McChord	\$66,000,000
	Yakima	\$19,500,000

6 (b) OUTSIDE THE UNITED STATES.—Using amounts
 7 appropriated pursuant to the authorization of appropria-
 8 tions in section 2104(a) and available for military con-
 9 struction projects outside the United States as specified
 10 in the funding table in section 4601, the Secretary of the
 11 Army may acquire real property and carry out the military
 12 construction project for the installations or locations out-
 13 side the United States, and in the amount, set forth in
 14 the following table:

Army: Outside the United States

Country	Installation	Amount
Germany	Stuttgart	\$40,000,000
	Weisbaden	\$43,000,000
Korea	Kunsan Air Base	\$53,000,000

1 **SEC. 2102. FAMILY HOUSING.**

2 (a) CONSTRUCTION AND ACQUISITION.—Using
 3 amounts appropriated pursuant to the authorization of ap-
 4 propriations in section 2104(a) and available for military
 5 family housing functions as specified in the funding table
 6 in section 4601, the Secretary of the Army may construct
 7 or acquire family housing units (including land acquisition
 8 and supporting facilities) at the installations or locations,
 9 in the number of units, and in the amounts set forth in
 10 the following table:

Army: Family Housing

State/Country	Installation	Units	Amount
Georgia	Fort Gordon	Family Housing New Construction	\$6,100,000
Germany	South Camp Vilseck	Family Housing New Construction	\$22,445,000
Kwajalein	Kwajalein Atoll	Family Housing Replacement Construction	\$31,000,000
Massachusetts	Natick	Family Housing Replacement Construction	\$21,000,000

11 (b) PLANNING AND DESIGN.—Using amounts appro-
 12 priated pursuant to the authorization of appropriations in
 13 section 2104(a) and available for military family housing
 14 functions as specified in the funding table in section 4601,
 15 the Secretary of the Army may carry out architectural and
 16 engineering services and construction design activities
 17 with respect to the construction or improvement of family
 18 housing units in an amount not to exceed \$33,559,000.

1 **SEC. 2103. IMPROVEMENTS TO MILITARY FAMILY HOUSING**
2 **UNITS.**

3 Subject to section 2825 of title 10, United States
4 Code, and using amounts appropriated pursuant to the
5 authorization of appropriations in section 2104(a) and
6 available for military family housing functions as specified
7 in the funding table in section 4601, the Secretary of the
8 Army may improve existing military family housing units
9 in an amount not to exceed \$34,156,000.

10 **SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.**

11 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds
12 are hereby authorized to be appropriated for fiscal years
13 beginning after September 30, 2017, for military con-
14 struction, land acquisition, and military family housing
15 functions of the Department of the Army as specified in
16 the funding table in section 4601.

17 (b) **LIMITATION ON TOTAL COST OF CONSTRUCTION**
18 **PROJECTS.**—Notwithstanding the cost variations author-
19 ized by section 2853 of title 10, United States Code, and
20 any other cost variation authorized by law, the total cost
21 of all projects carried out under section 2101 may not ex-
22 ceed the total amount authorized to be appropriated under
23 subsection (a), as specified in the funding table in section
24 4601.

1 **SEC. 2105. MODIFICATION OF AUTHORITY TO CARRY OUT**
2 **CERTAIN FISCAL YEAR 2014 PROJECT.**

3 In the case of the authorization contained in the table
4 in section 2101(a) of the Military Construction Authoriza-
5 tion Act for Fiscal Year 2014 (division B of Public Law
6 113-66; 127 Stat. 986) for Joint Base Lewis-McChord,
7 Washington, for construction of an airfield operations
8 complex, the Secretary of the Army may construct standby
9 generator capacity of 1,000 kilowatts.

10 **SEC. 2106. MODIFICATION OF AUTHORITY TO CARRY OUT**
11 **CERTAIN FISCAL YEAR 2015 PROJECT.**

12 In the case of the authorization contained in the table
13 in section 2101(a) of the Military Construction Authoriza-
14 tion Act for Fiscal Year 2015 (division B of Public Law
15 113-291; 128 Stat. 3670) for Fort Shafter, Hawaii, for
16 construction of a command and control facility, the Sec-
17 retary of the Army may construct 15 megawatts of redun-
18 dant power generation for a total project amount of
19 \$370,000,000.

20 **SEC. 2107. EXTENSION OF AUTHORIZATION OF CERTAIN**
21 **FISCAL YEAR 2014 PROJECT.**

22 (a) **EXTENSION.**—Notwithstanding section 2002 of
23 the Military Construction Authorization Act for Fiscal
24 Year 2014 (division B of Public Law 113-66; 127 Stat.
25 985), the authorization set forth in the table in subsection
26 (b), as provided in section 2101 of that Act (127 Stat.

1 986), shall remain in effect until October 1, 2018, or the
 2 date of the enactment of an Act authorizing funds for mili-
 3 tary construction for fiscal year 2019, whichever is later.

4 (b) TABLE.—The table referred to in subsection (a)
 5 is as follows:

Army: Extension of 2014 Project Authorization

State or Country	Installation or Location	Project	Amount
Japan	Kyogamisaki	Company Operations Com- plex	\$33,000,000

6 **SEC. 2108. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
 7 **FISCAL YEAR 2015 PROJECTS.**

8 (a) EXTENSION.—Notwithstanding section 2002 of
 9 the Military Construction Authorization Act for Fiscal
 10 Year 2015 (division B of Public Law 113-291; 128 Stat.
 11 3669), the authorizations set forth in the table in sub-
 12 section (b), as provided in section 2101 of that Act (128
 13 Stat. 3670), shall remain in effect until October 1, 2018,
 14 or the date of the enactment of an Act authorizing funds
 15 for military construction for fiscal year 2019, whichever
 16 is later.

17 (b) TABLE.—The table referred to in subsection (a)
 18 is as follows:

Army: Extension of 2015 Project Authorizations

State/ Country	Installation or Location	Project	Amount
California	Military Ocean Ter- minal Con- cord	Access Control Point	\$9,900,000
Hawaii	Fort Shafter	Command and Control Fa- cility (SCIF)	\$370,000,000

Army: Extension of 2015 Project Authorizations—Continued

State/ Country	Installation or Location	Project	Amount
Japan	Kadena Air Base	Missile Magazine	\$10,600,000
Texas	Fort Hood	Simulation Center	\$46,000,000

1 **SEC. 2109. ADDITIONAL AUTHORITY TO CARRY OUT CER-**
2 **TAIN FISCAL YEAR 2000, 2005, 2006, AND 2007**
3 **PROJECTS.**

4 (a) PROJECT AUTHORIZATION.—In connection with
5 the authorizations contained in the tables in section
6 2101(a) of the Military Construction Authorization Act
7 for Fiscal Year 2000 (division B of Public Law 106-65;
8 113 Stat. 825), section 2101(a) of the Military Construc-
9 tion Authorization Act for Fiscal Year 2005 (division B
10 of Public Law 108-375; 118 Stat. 2101), section 2101(a)
11 of the Military Construction Authorization Act for Fiscal
12 Year 2006 (division B of Public Law 109-163; 119 Stat.
13 3485), and section 2101(a) of the Military Construction
14 Authorization Act for Fiscal Year 2007 (division B of
15 Public Law 109-364; 120 Stat. 2445) for Fort Irwin, Cali-
16 fornia, for Land Acquisition – National Training Center,
17 Phases 1 through 4, the Secretary of the Army may carry
18 out military construction projects to complete the land ac-
19 quisitions within the initial scope of the projects.

20 (b) CONGRESSIONAL NOTIFICATION.—The Secretary
21 of the Army shall provide information in accordance with

1 section 2851(c) of title 10, United States Code, regarding
 2 the projects described in subsection (a).

3 **TITLE XXII—NAVY MILITARY**
 4 **CONSTRUCTION**

5 **SEC. 2201. AUTHORIZED NAVY CONSTRUCTION AND LAND**
 6 **ACQUISITION PROJECTS.**

7 (a) INSIDE THE UNITED STATES.—Using amounts
 8 appropriated pursuant to the authorization of appropria-
 9 tions in section 2204(a) and available for military con-
 10 struction projects inside the United States as specified in
 11 the funding table in section 4601, the Secretary of the
 12 Navy may acquire real property and carry out military
 13 construction projects for the installations or locations in-
 14 side the United States, and in the amounts, set forth in
 15 the following table:

Navy: Inside the United States

State	Installation or Location	Amount
Arizona	Yuma	\$36,358,000
California	Barstow	\$36,539,000
	Camp Pendleton	\$61,139,000
	Lemoore	\$60,828,000
	Twentynine Palms	\$55,099,000
	Miramar	\$47,600,000
	Coronado	\$36,000,000
District of Columbia ..	NSA Washington	\$14,810,000
Florida	Mayport	\$84,818,000
Georgia	Albany	\$43,300,000
Guam	Joint Region Marianas	\$284,679,000
Hawaii	Joint Base Pearl Harbor-Hickam	\$73,200,000
	Wahiawa	\$65,864,000
Maine	Kittery	\$61,692,000
North Carolina	Camp Lejeune	\$103,767,000
	Cherry Point Marine Corps Air Station	\$15,671,000
Virginia	Dam Neck	\$29,262,000
	Joint Expeditionary Base Little Creek- Story	\$2,596,000
	Portsmouth	\$72,990,000
	Yorktown	\$36,358,000
Washington	Indian Island	\$44,440,000

1 (b) OUTSIDE THE UNITED STATES.—Using amounts
 2 appropriated pursuant to the authorization of appropria-
 3 tions in section 2204(a) and available for military con-
 4 struction projects outside the United States as specified
 5 in the funding table in section 4601, the Secretary of the
 6 Navy may acquire real property and carry out military
 7 construction projects for the installation or location out-
 8 side the United States, and in the amounts, set forth in
 9 the following table:

Navy: Outside the United States

Country	Installation or Location	Amount
Greece	Souda Bay	\$22,045,000
Japan	Iwakuni	\$21,860,000

10 **SEC. 2202. FAMILY HOUSING.**

11 (a) CONSTRUCTION AND ACQUISITION.—Using
 12 amounts appropriated pursuant to the authorization of ap-
 13 propriations in section 2204(a) and available for military
 14 family housing functions as specified in the funding table
 15 in section 4601, the Secretary of the Navy may construct
 16 or acquire family housing units (including land acquisition
 17 and supporting facilities) at the installations or locations,
 18 in the number of units, and in the amounts set forth in
 19 the following table:

Navy: Family Housing

Country	Installation	Units	Amount
Bahrain Island	SW Asia	Construct On-Base GFOQ	\$2,138,000
Mariana Islands	Guam	Replace Andersen Housing PH II	\$40,875,000

1 (b) PLANNING AND DESIGN.—Using amounts appro-
2 priated pursuant to the authorization of appropriations in
3 section 2204(a) and available for military family housing
4 functions as specified in the funding table in section 4601,
5 the Secretary of the Navy may carry out architectural and
6 engineering services and construction design activities
7 with respect to the construction or improvement of family
8 housing units in an amount not to exceed \$4,418,000.

9 **SEC. 2203. IMPROVEMENTS TO MILITARY FAMILY HOUSING**
10 **UNITS.**

11 Subject to section 2825 of title 10, United States
12 Code, and using amounts appropriated pursuant to the
13 authorization of appropriations in section 2204(a) and
14 available for military family housing functions as specified
15 in the funding table in section 4601, the Secretary of the
16 Navy may improve existing military family housing units
17 in an amount not to exceed \$36,251,000.

18 **SEC. 2204. AUTHORIZATION OF APPROPRIATIONS, NAVY.**

19 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
20 are hereby authorized to be appropriated for fiscal years
21 beginning after September 30, 2017, for military con-
22 struction, land acquisition, and military family housing
23 functions of the Department of the Navy, as specified in
24 the funding table in section 4601.

1 (b) LIMITATION ON TOTAL COST OF CONSTRUCTION
2 PROJECTS.—Notwithstanding the cost variations author-
3 ized by section 2853 of title 10, United States Code, and
4 any other cost variation authorized by law, the total cost
5 of all projects carried out under section 2201 may not ex-
6 ceed the total amount authorized to be appropriated under
7 subsection (a), as specified in the funding table in section
8 4601.

9 **SEC. 2205. EXTENSION OF AUTHORIZATIONS FOR CERTAIN**
10 **FISCAL YEAR 2014 PROJECTS.**

11 (a) EXTENSION.—Notwithstanding section 2002 of
12 the Military Construction Authorization Act for Fiscal
13 Year 2014 (division B of Public Law 113-66; 127 Stat.
14 985), the authorizations set forth in the table in sub-
15 section (b), as provided in section 2201 of that Act (127
16 Stat. 989) and extended by section 2207 of the Military
17 Construction Authorization Act for Fiscal Year 2017 (di-
18 vision B of Public Law 114-328; 130 Stat. 2694), shall
19 remain in effect until October 1, 2018, or the date of the
20 enactment of an Act authorizing funds for military con-
21 struction for fiscal year 2019, whichever is later.

22 (b) TABLE.—The table referred to in subsection (a)
23 is as follows:

Navy: Extension of 2014 Project Authorizations

State	Installation or Location	Project	Amount
Illinois	Great Lakes	Unaccompanied Housing	\$35,851,000
Nevada	Fallon	Wastewater Treatment Plant	\$11,334,000
Virginia	Quantico	Fuller Road Improvements	\$9,013,000

1 **SEC. 2206. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
2 **FISCAL YEAR 2015 PROJECTS.**

3 (a) **EXTENSION.**—Notwithstanding section 2002 of
4 the Military Construction Authorization Act for Fiscal
5 Year 2015 (division B of Public Law 113-291; 128 Stat.
6 3669), the authorizations set forth in the table in sub-
7 section (b), as provided in section 2201 of that Act (128
8 Stat. 3675), shall remain in effect until October 1, 2018,
9 or the date of the enactment of an Act authorizing funds
10 for military construction for fiscal year 2019, whichever
11 is later.

12 (b) **TABLE.**—The table referred to in subsection (a)
13 is as follows:

Navy: Extension of 2015 Project Authorizations

State/Country	Installation or Location	Project	Amount
District of Columbia	NSA Washington	Electronics Science and Technology Lab	\$31,735,000
Maryland	Indian Head	Advanced Energetics Research Lab Complex Ph 2	\$15,346,000

1 **SEC. 2207. MODIFICATION OF AUTHORITY TO CARRY OUT**
2 **CERTAIN FISCAL YEAR 2016 PROJECT.**

3 In the case of the authorization contained in the table
4 in section 2201(b) of the National Defense Authorization
5 Act for Fiscal Year 2016 (division B of Public Law 114–
6 92; 129 Stat. 1150) for construction of an Aegis Ashore
7 Missile Defense Complex at RedziKowo Base, Poland, the
8 Secretary of the Navy may construct a 6,180 square meter
9 multipurpose facility, for the purposes of providing addi-
10 tional berthing space, using amounts available for the
11 project pursuant to the authorization of appropriations in
12 section 2204 of such Act.

13 **TITLE XXIII—AIR FORCE**
14 **MILITARY CONSTRUCTION**

15 **SEC. 2301. AUTHORIZED AIR FORCE CONSTRUCTION AND**
16 **LAND ACQUISITION PROJECTS.**

17 (a) **INSIDE THE UNITED STATES.**—Using amounts
18 appropriated pursuant to the authorization of appropria-
19 tions in section 2304(a) and available for military con-
20 struction projects inside the United States as specified in
21 the funding table in section 4601, the Secretary of the
22 Air Force may acquire real property and carry out mili-
23 tary construction projects for the installations or locations
24 inside the United States, and in the amounts, set forth
25 in the following table:

Air Force: Inside the United States

State	Installation or Location	Amount
Alaska	Eielson Air Force Base	\$168,900,000
California	Travis Air Force Base	\$122,500,000
Colorado	Buckley Air Force Base	\$38,000,000
	Fort Carson	\$13,000,000
	U.S. Air Force Academy	\$30,000,000
Florida	Eglin Air Force Base	\$90,700,000
	MacDill Air Force Base	\$8,100,000
	Tyndall Air Force Base	\$17,000,000
Georgia	Robins Air Force Base	\$9,800,000
Kansas	McConnell Air Force Base	\$17,500,000
Maryland	Joint Base Andrews	\$271,500,000
Nevada	Nellis Air Force Base	\$61,000,000
New Mexico	Cannon Air Force Base	\$42,000,000
	Holloman Air Force Base	\$4,250,000
	Kirtland Air Force Base	\$9,300,000
New Jersey	McGuire-Dix-Lakehurst	\$146,500,000
North Dakota	Minot Air Force Base	\$27,000,000
Oklahoma	Altus Air Force Base	\$4,900,000
Texas	Joint Base San Antonio	\$156,630,000
Utah	Hill Air Force Base	\$28,000,000
Wyoming	F.E. Warren Air Force Base	\$62,000,000

1 (b) OUTSIDE THE UNITED STATES.—Using amounts
2 appropriated pursuant to the authorization of appropria-
3 tions in section 2304(a) and available for military con-
4 struction projects outside the United States as specified
5 in the funding table in section 4601, the Secretary of the
6 Air Force may acquire real property and carry out mili-
7 tary construction projects for the installation or location
8 outside the United States, and in the amount, set forth
9 in the following table:

Air Force: Outside the United States

Country	Installation or Location	Amount
Australia	Darwin	\$76,000,000
United Kingdom	RAF Fairford	\$45,650,000
	RAF Lakenheath	\$136,992,000

10 **SEC. 2302. FAMILY HOUSING.**

11 Using amounts appropriated pursuant to the author-
12 ization of appropriations in section 2304(a) and available

1 for military family housing functions as specified in the
2 funding table in section 4601, the Secretary of the Air
3 Force may carry out architectural and engineering serv-
4 ices and construction design activities with respect to the
5 construction or improvement of family housing units in an
6 amount not to exceed \$4,445,000.

7 **SEC. 2303. IMPROVEMENTS TO MILITARY FAMILY HOUSING**
8 **UNITS.**

9 Subject to section 2825 of title 10, United States
10 Code, and using amounts appropriated pursuant to the
11 authorization of appropriations in section 2304(a) and
12 available for military family housing functions as specified
13 in the funding table in section 4601, the Secretary of the
14 Air Force may improve existing military family housing
15 units in an amount not to exceed \$80,617,000.

16 **SEC. 2304. AUTHORIZATION OF APPROPRIATIONS, AIR**
17 **FORCE.**

18 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds
19 are hereby authorized to be appropriated for fiscal years
20 beginning after September 30, 2017, for military con-
21 struction, land acquisition, and military family housing
22 functions of the Department of the Air Force, as specified
23 in the funding table in section 4601.

24 (b) **LIMITATION ON TOTAL COST OF CONSTRUCTION**
25 **PROJECTS.**—Notwithstanding the cost variations author-

1 ized by section 2853 of title 10, United States Code, and
2 any other cost variation authorized by law, the total cost
3 of all projects carried out under section 2301 may not ex-
4 ceed the total amount authorized to be appropriated under
5 subsection (a), as specified in the funding table in section
6 4601.

7 **SEC. 2305. MODIFICATION OF AUTHORITY TO CARRY OUT**
8 **CERTAIN FISCAL YEAR 2017 PROJECTS.**

9 (a) HANSCOM AIR FORCE BASE.—In the case of the
10 authorization contained in the table in section 2301(a) of
11 the Military Construction Authorization Act for Fiscal
12 Year 2017 (division B of Public Law 114-328; 130 Stat.
13 2696) for Hanscom Air Force Base, Massachusetts, for
14 construction of a gate complex at the installation, the Sec-
15 retary of the Air Force may construct a visitor control
16 center of 187 square meters, a traffic check house of 294
17 square meters, and an emergency power generator system
18 and transfer switch consistent with the Air Force’s con-
19 struction guidelines.

20 (b) MARIANA ISLANDS.—In the case of the authoriza-
21 tion contained in the table in section 2301(b) of the Mili-
22 tary Construction Authorization Act for Fiscal Year 2017
23 (division B of Public Law 114-328; 130 Stat. 2697) for
24 acquiring 142 hectares of land at an unspecified location
25 in the Mariana Islands, the Secretary of the Air Force

1 may acquire 142 hectares of land on Tinian in the North-
2 ern Mariana Islands for a cost of \$21,900,000.

3 (c) CHABELLEY AIRFIELD.—In the case of the au-
4 thorization contained in the table in section 2902 of the
5 Military Construction Authorization Act for Fiscal Year
6 2017 (division B of Public Law 114-328; 130 Stat. 2743)
7 for Chabelley Airfield, Djibouti, for construction of a park-
8 ing apron and taxiway at that location, the Secretary of
9 the Air Force may construct 20,490 square meters of taxi-
10 way and apron, 8,230 square meters of paved shoulders,
11 10,650 square meters of hangar pads, and 3,900 square
12 meters of cargo apron.

13 (d) SCOTT AIR FORCE BASE.—The table in section
14 4601 of the Military Construction Authorization Act for
15 Fiscal Year 2017 (division B of Public Law 114-328; 130
16 Stat. 2877) is amended in the item relating to Scott Air
17 Force Base, Illinois, by striking “Consolidated Corrosion
18 Facility add/alter.” in the project title column and insert-
19 ing “Consolidated Communication Facility add/alter.”.

20 **SEC. 2306. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
21 **FISCAL YEAR 2015 PROJECTS.**

22 (a) EXTENSION.—Notwithstanding section 2002 of
23 the Military Construction Authorization Act for Fiscal
24 Year 2015 (division B of Public Law 113-291; 128 Stat.
25 3669), the authorizations set forth in the table in sub-

1 section (b), as provided in section 2301 of that Act (128
 2 Stat. 3679), shall remain in effect until October 1, 2018,
 3 or the date of the enactment of an Act authorizing funds
 4 for military construction for fiscal year 2019, whichever
 5 is later.

6 (b) TABLE.—The table referred to in subsection (a)
 7 is as follows:

Air Force: Extension of 2015 Project Authorization

State	Installation	Project	Amount
Alaska	Clear Air Force Sta- tion	Emergency Power Plant Fuel Stor- age	\$11,500,000
Oklahoma	Tinker Air Force Base	KC-46 Two-Bay Maintenance Hangar	\$63,000,000

8 **TITLE XXIV—DEFENSE AGEN-**
 9 **CIES MILITARY CONSTRUC-**
 10 **TION**

11 **SEC. 2401. AUTHORIZED DEFENSE AGENCIES CONSTRUC-**
 12 **TION AND LAND ACQUISITION PROJECTS.**

13 (a) INSIDE THE UNITED STATES.—Using amounts
 14 appropriated pursuant to the authorization of appropria-
 15 tions in section 2403(a) and available for military con-
 16 struction projects inside the United States as specified in
 17 the funding table in section 4601, the Secretary of De-
 18 fense may acquire real property and carry out military
 19 construction projects for the installations or locations in-

1 side the United States, and in the amounts, set forth in
 2 the following table:

Defense Agencies: Inside the United States

State	Installation or Location	Amount
California	Camp Pendleton	\$43,642,000
	Coronado	\$258,735,000
Colorado	Schriever Air Force Base	\$10,200,000
Florida	Eglin Air Force Base	\$9,100,000
	Hurlburt Field	\$46,400,000
Georgia	Fort Gordon	\$10,350,000
Guam	Andersen Air Force Base	\$23,900,000
Hawaii	Kunua	\$5,000,000
Missouri	Fort Leonard Wood	\$381,300,000
	St. Louis	\$812,000,000
New Mexico	Cannon Air Force Base	\$8,228,000
North Carolina	Camp Lejeune	\$90,039,000
	Fort Bragg	\$57,778,000
	Seymour Johnson Air Force Base	\$20,000,000
	Shaw Air Force Base	\$22,900,000
Utah	Hill Air Force Base	\$20,000,000
Virginia	Joint Expeditionary Base Little Creek- Story	\$23,000,000
	Norfolk	\$18,500,000
	Pentagon	\$50,100,000
	Portsmouth	\$22,500,000
	Unspecified Worldwide Locations	\$64,364,000
Worldwide Unspecified		

3 (b) OUTSIDE THE UNITED STATES.—Using amounts
 4 appropriated pursuant to the authorization of appropria-
 5 tions in section 2403(a) and available for military con-
 6 struction projects outside the United States as specified
 7 in the funding table in section 4601, the Secretary of De-
 8 fense may acquire real property and carry out military
 9 construction projects for the installations or locations out-
 10 side the United States, and in the amounts, set forth in
 11 the following table:

Defense Agencies: Outside the United States

Country	Installation or Location	Amount
Germany	Spangdahlem Air Base	\$79,141,000
	Stuttgart	\$46,609,000
Greece	Souda Bay	\$18,100,000
Italy	Vicenza	\$62,406,000
Japan	Iwakuni	\$30,800,000
	Kadena Air Base	\$27,573,000
	Okinawa	\$11,900,000

Defense Agencies: Outside the United States—Continued

Country	Installation or Location	Amount
	Sasebo	\$45,600,000
	Torii Commo Station	\$25,323,000
Puerto Rico	Punta Borinquen	\$61,071,000
United Kingdom	Menwith Hill Station	\$11,000,000

1 **SEC. 2402. AUTHORIZED ENERGY RESILIENCY AND CON-**
2 **SERVATION PROJECTS.**

3 (a) INSIDE THE UNITED STATES.—Using amounts
4 appropriated pursuant to the authorization of appropria-
5 tions in section 2403(a) and available for energy resiliency
6 and conservation projects inside the United States as spec-
7 ified in the funding table in section 4601, the Secretary
8 of Defense may carry out energy resiliency and conserva-
9 tion projects under chapter 173 of title 10, United States
10 Code, for the installations or locations inside the United
11 States, and the amounts set forth in the table:

Energy Resiliency and Conservation Projects: Inside the United States

State	Installation or Location	Amount
Colorado	Schriever Air Force Base	\$15,260,000
Guam	Andersen Air Force Base	\$5,880,000
	NAVBASE Guam	\$6,920,000
Hawaii	MCBH Kaneohe Bay	\$6,185,000
Illinois	MTC Marseilles	\$3,000,000
Maryland	NSA South Potomac-Indian Head	\$10,790,000
Missouri	Fort Leonard Wood	\$5,300,000
Montana	Malmstrom AFB	\$6,086,000
North Carolina	Fort Bragg	\$3,000,000
	Lejeune/New River	\$9,750,000
Utah	Tooele Army Depot	\$6,400,000
	Dugway Proving Ground	\$8,700,000
	Hill Air Force Base	\$8,467,000
Wyoming	F.E. Warren	\$4,500,000
Various Locations	Various Locations	\$12,232,000

12 (b) OUTSIDE THE UNITED STATES.—Using amounts
13 appropriated pursuant to the authorization of appropria-
14 tions in section 2403(a) and available for energy resiliency

1 and conservation projects outside the United States as
 2 specified in the funding table in section 4601, the Sec-
 3 retary of Defense may carry out energy resiliency and con-
 4 servation projects under chapter 173 of title 10, United
 5 States Code, for the installations or locations outside the
 6 United States, and in the amounts, set forth in the fol-
 7 lowing table:

Energy Resiliency and Conservation Projects: Outside the United States

Country	Installation or Location	Amount
Honduras	Soto Cano Air Base	\$12,600,000
Italy	NSA Naples	\$2,700,000
Japan	CFA Yokosuka	\$8,530,000
Korea	Osan Air Base	\$13,700,000

8 **SEC. 2403. AUTHORIZATION OF APPROPRIATIONS, DE-**
 9 **FENSE AGENCIES.**

10 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
 11 are hereby authorized to be appropriated for fiscal years
 12 beginning after September 30, 2017, for military con-
 13 struction, land acquisition, and military family housing
 14 functions of the Department of Defense (other than the
 15 military departments), as specified in the funding table
 16 in section 4601.

17 (b) LIMITATION ON TOTAL COST OF CONSTRUCTION
 18 PROJECTS.—Notwithstanding the cost variations author-
 19 ized by section 2853 of title 10, United States Code, and
 20 any other cost variation authorized by law, the total cost
 21 of all projects carried out under section 2401 of this Act
 22 may not exceed the total amount authorized to be appro-

1 priated under subsection (a), as specified in the funding
2 table in section 4601.

3 **SEC. 2404. MODIFICATION OF AUTHORITY TO CARRY OUT**
4 **CERTAIN FISCAL YEAR 2017 PROJECT.**

5 In the case of the authorization in the table in section
6 2401(b) of the Military Construction Authorization Act
7 for Fiscal Year 2017 (Public Law 114-328; 130 Stat.
8 2700) for Kaiserslautern, Germany, for construction of
9 the Sembach Elementary/Middle School Replacement, the
10 Secretary of Defense may construct an elementary school.

11 **SEC. 2405. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
12 **FISCAL YEAR 2014 PROJECTS.**

13 (a) EXTENSION.—Notwithstanding section 2002 of
14 the Military Construction Authorization Act for Fiscal
15 Year 2014 (division B of Public Law 113-66; 127 Stat.
16 985), the authorizations set forth in the table in sub-
17 section (b), as provided in section 2401 of that Act (127
18 Stat. 995) and extended by section 2406 of the Military
19 Construction Authorization Act for Fiscal Year 2017 (di-
20 vision B of Public Law 114-328; 130 Stat. 2702), shall
21 remain in effect until October 1, 2018, or the date of the
22 enactment of an Act authorizing funds for military con-
23 struction for fiscal year 2019, whichever is later.

24 (b) TABLE.—The table referred to in subsection (a)
25 is as follows:

Defense Agencies: Extension of 2014 Project Authorizations

State/Country	Installation or Location	Project	Amount
United Kingdom	Royal Air Force Lakenheath	Lakenheath Middle/ High School Re- placement	\$69,638,000
Virginia	Marine Corps Base Quantico	Quantico Middle/ High School Re- placement	\$40,586,000
	Pentagon	PFPA Support Oper- ations Center	\$14,800,000

1 **SEC. 2406. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
2 **FISCAL YEAR 2015 PROJECTS.**

3 (a) EXTENSION.—Notwithstanding section 2002 of
4 the Military Construction Authorization Act for Fiscal
5 Year 2015 (division B of Public Law 113-291; 128 Stat.
6 3669), the authorizations set forth in the table in sub-
7 section (b), as provided in section 2401 of that Act (128
8 Stat. 3681), shall remain in effect until October 1, 2018,
9 or the date of the enactment of an Act authorizing funds
10 for military construction for fiscal year 2019, whichever
11 is later.

12 (b) TABLE.—The table referred to in subsection (a)
13 is as follows:

Defense Agencies: Extension of 2015 Project Authorizations

State/Country	Installation or Location	Project	Amount
Australia	Geraldton	Combined Commu- nications Gateway Geraldton	\$9,600,000
Belgium	Brussels	Brussels Elementary/ High School Re- placement	\$41,626,000
Japan	Okinawa	Kubasaki High School Replace- ment/Renovation ...	\$99,420,000

Defense Agencies: Extension of 2015 Project Authorizations—
Continued

State/Country	Installation or Location	Project	Amount
	Commander Fleet Activities Sasebo	E.J. King High School Replacement/Renovation ...	\$37,681,000
Mississippi	Stennis	SOF Land Acquisition Western Maneuver Area	\$17,224,000
New Mexico	Cannon Air Force Base	SOF Squadron Operations Facility (STS)	\$23,333,000
Virginia	Defense Distribution Depot Richmond	Replace Access Control Point	\$5,700,000
	Joint Base Langley-Eustis	Hospital Addition/Central Utility Plant Replacement	\$41,200,000
	Pentagon	Redundant Chilled Water Loop	\$15,100,000

1 **TITLE XXV—INTERNATIONAL**
2 **PROGRAMS**
3 **Subtitle A—North Atlantic Treaty**
4 **Organization Security Invest-**
5 **ment Program**

6 **SEC. 2501. AUTHORIZED NATO CONSTRUCTION AND LAND**
7 **ACQUISITION PROJECTS.**

8 The Secretary of Defense may make contributions for
9 the North Atlantic Treaty Organization Security Invest-
10 ment Program as provided in section 2806 of title 10,
11 United States Code, in an amount not to exceed the sum
12 of the amount authorized to be appropriated for this pur-
13 pose in section 2502 and the amount collected from the
14 North Atlantic Treaty Organization as a result of con-
15 struction previously financed by the United States.

1 **SEC. 2502. AUTHORIZATION OF APPROPRIATIONS, NATO.**

2 Funds are hereby authorized to be appropriated for
 3 fiscal years beginning after September 30, 2017, for con-
 4 tributions by the Secretary of Defense under section 2806
 5 of title 10, United States Code, for the share of the United
 6 States of the cost of projects for the North Atlantic Treaty
 7 Organization Security Investment Program authorized by
 8 section 2501 as specified in the funding table in section
 9 4601.

10 **Subtitle B—Host Country In-Kind**
 11 **Contributions**

12 **SEC. 2511. REPUBLIC OF KOREA FUNDED CONSTRUCTION**
 13 **PROJECTS.**

14 Pursuant to agreement with the Republic of Korea
 15 for required in-kind contributions, the Secretary of De-
 16 fense may accept military construction projects for the in-
 17 stallations or locations, and in the amounts, set forth in
 18 the following table:

Republic of Korea Funded Construction Projects

Country	Component	Installation or Location	Project	Amount
Korea	Army	Camp Humphreys	Unaccompanied Enlisted Personnel Housing, Phase 1	\$76,000,000
	Army	Camp Humphreys	Type I Aircraft Parking Apron	\$10,000,000
	Air Force	Kunsan Air Base	Construct Airfield Damage Repair Warehouse	\$6,500,000
	Air Force	Osan Air Base	Main Gate Entry Control Facilities	\$13,000,000

1 **SEC. 2512. MODIFICATION OF AUTHORITY TO CARRY OUT**
2 **CERTAIN FISCAL YEAR 2017 PROJECTS.**

3 (a) **CAMP HUMPHREYS.**—In the case of the author-
4 ization contained in the table in section 2511 of the Mili-
5 tary Construction Authorization Act for Fiscal Year 2017
6 (division B of Public Law 114-328; 130 Stat. 2704) for
7 Camp Humphreys, Republic of Korea, for construction of
8 the 8th Army Correctional Facility, the Secretary of De-
9 fense may construct a level 1 correctional facility of
10 26,000 square feet and a utility and tool storage building
11 of 400 square feet.

12 (b) **K-16 AIR BASE.**—In the case of the authorization
13 contained in the table in section 2511 of the Military Con-
14 struction Authorization Act for Fiscal Year 2017 (division
15 B of Public Law 114-328; 130 Stat. 2704) for the K-16
16 Air Base, Republic of Korea, for renovation of the Special
17 Operations Forces (SOF) Operations Facility, B-606, the
18 Secretary of Defense may renovate an operations adminis-
19 tration area of 5,500 square meters.

1 **TITLE XXVI—GUARD AND**
2 **RESERVE FORCES FACILITIES**
3 **Subtitle A—Project Authorizations**
4 **and Authorizations of Appro-**
5 **priations**

6 **SEC. 2601. AUTHORIZED ARMY NATIONAL GUARD CON-**
7 **STRUCTION AND LAND ACQUISITION**
8 **PROJECTS.**

9 Using amounts appropriated pursuant to the author-
10 ization of appropriations in section 2606 and available for
11 the National Guard and Reserve as specified in the fund-
12 ing table in section 4601, the Secretary of the Army may
13 acquire real property and carry out military construction
14 projects for the Army National Guard locations inside the
15 United States, and in the amounts, set forth in the fol-
16 lowing table:

Army National Guard

State	Location	Amount
Delaware	New Castle	\$36,000,000
Idaho	Orchard Training Area	\$22,000,000
	MTC Gowen	\$9,000,000
Maine	Presque Isle	\$17,500,000
Maryland	Sykesville	\$19,000,000
Minnesota	Arden Hills	\$39,000,000
Missouri	Springfield	\$32,000,000
New Mexico	Las Cruces	\$8,600,000
Virginia	Fort Pickett	\$4,550,000
	Fort Belvoir	\$15,000,000
Washington	Tumwater	\$31,000,000

1 **SEC. 2602. AUTHORIZED ARMY RESERVE CONSTRUCTION**
 2 **AND LAND ACQUISITION PROJECTS.**

3 Using amounts appropriated pursuant to the author-
 4 ization of appropriations in section 2606 and available for
 5 the National Guard and Reserve as specified in the fund-
 6 ing table in section 4601, the Secretary of the Army may
 7 acquire real property and carry out military construction
 8 projects for the Army Reserve locations inside the United
 9 States, and in the amounts, set forth in the following
 10 table:

Army Reserve

State	Location	Amount
California	Fallbrook	\$36,000,000
Washington	Lewis-McChord	\$30,000,000
Wisconsin	Fort McCoy	\$13,000,000
Puerto Rico	Fort Buchanan	\$26,000,000
	Aguadilla	\$12,400,000

11 **SEC. 2603. AUTHORIZED NAVY RESERVE AND MARINE**
 12 **CORPS RESERVE CONSTRUCTION AND LAND**
 13 **ACQUISITION PROJECTS.**

14 Using amounts appropriated pursuant to the author-
 15 ization of appropriations in section 2606 and available for
 16 the National Guard and Reserve as specified in the fund-
 17 ing table in section 4601, the Secretary of the Navy may
 18 acquire real property and carry out military construction
 19 projects for the Navy Reserve and Marine Corps Reserve
 20 locations inside the United States, and in the amounts,
 21 set forth in the following table:

Navy Reserve and Marine Corps Reserve

State	Location	Amount
California	Lemoore	\$17,330,000
Georgia	Fort Gordon	\$17,797,000
New Jersey	Joint Base McGuire-Dix-Lakehurst	\$11,573,000
Texas	Fort Worth	\$12,637,000

1 **SEC. 2604. AUTHORIZED AIR NATIONAL GUARD CONSTRUCTION AND LAND ACQUISITION PROJECTS.**

2
3 Using amounts appropriated pursuant to the author-
4 ization of appropriations in section 2606 and available for
5 the National Guard and Reserve as specified in the fund-
6 ing table in section 4601, the Secretary of the Air Force
7 may acquire real property and carry out military construc-
8 tion projects for the Air National Guard locations inside
9 the United States, and in the amounts, set forth in the
10 following table:

Air National Guard

State	Location	Amount
California	March Air Force Base	\$15,000,000
Colorado	Peterson Air Force Base	\$8,000,000
Connecticut	Bradley IAP	\$7,000,000
Indiana	Fort Wayne International Airport	\$1,900,000
	Hulman Regional Airport	\$8,000,000
Kentucky	Louisville IAP	\$9,000,000
Mississippi	Jackson International Airport	\$8,000,000
Missouri	Rosecrans Memorial Airport	\$10,000,000
New York	Hancock Field	\$6,800,000
Ohio	Toledo Express Airport	\$15,000,000
	Rickenbacker International Airport	\$8,000,000
Oklahoma	Tulsa International Airport	\$8,000,000
Oregon	Klamath Falls IAP	\$18,500,000
South Dakota	Joe Foss Field	\$12,000,000
Tennessee	McGhee-Tyson Airport	\$25,000,000
Wisconsin	Dane County Regional/Airport Truax Field	\$8,000,000

11 **SEC. 2605. AUTHORIZED AIR FORCE RESERVE CONSTRUCTION AND LAND ACQUISITION PROJECTS.**

12
13 Using amounts appropriated pursuant to the author-
14 ization of appropriations in section 2606 and available for

1 the National Guard and Reserve as specified in the fund-
 2 ing table in section 4601, the Secretary of the Air Force
 3 may acquire real property and carry out military construc-
 4 tion projects for the Air Force Reserve locations inside
 5 the United States, and in the amounts, set forth in the
 6 following table:

Air Force Reserve

State	Location	Amount
Florida	Patrick Air Force Base	\$25,000,000
Georgia	Robins Air Force Base	\$32,000,000
Guam	Joint Region Marianas	\$5,200,000
Hawaii	Joint Base Pearl Harbor-Hickam	\$5,500,000
Massachusetts	Westover ARB	\$10,000,000
Minnesota	Minneapolis-St Paul IAP	\$9,000,000
North Carolina	Seymour Johnson Air Force Base	\$6,400,000
Texas	NAS JRB Fort Worth	\$3,100,000
Utah	Hill Air Force Base	\$3,100,000

7 **SEC. 2606. AUTHORIZATION OF APPROPRIATIONS, NA-**
 8 **TIONAL GUARD AND RESERVE.**

9 Funds are hereby authorized to be appropriated for
 10 fiscal years beginning after September 30, 2017, for the
 11 costs of acquisition, architectural and engineering services,
 12 and construction of facilities for the Guard and Reserve
 13 Forces, and for contributions therefor, under chapter
 14 1803 of title 10, United States Code (including the cost
 15 of acquisition of land for those facilities), as specified in
 16 the funding table in section 4601.

1 **Subtitle B—Other Matters**

2 **SEC. 2611. MODIFICATION OF AUTHORITY TO CARRY OUT**
3 **CERTAIN FISCAL YEAR 2015 PROJECT.**

4 In the case of the authorization contained in the table
5 in section 2602 of the Military Construction Authorization
6 Act for Fiscal Year 2015 (division B of Public Law 113–
7 291; 128 Stat. 3688) for Starkville, Mississippi, for con-
8 struction of an Army Reserve Center at that location, the
9 Secretary of the Army may acquire approximately fifteen
10 acres (653,400 square feet) of land.

11 **SEC. 2612. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
12 **FISCAL YEAR 2014 PROJECTS.**

13 (a) **EXTENSION.**—Notwithstanding section 2002 of
14 the Military Construction Act for Fiscal Year 2014 (divi-
15 sion B of Public Law 113-66; 127 Stat. 985), the author-
16 izations set forth in the table in subsection (b), as provided
17 in sections 2602, 2604, and 2605 of that Act (127 Stat.
18 1001, 1002), shall remain in effect until October 1, 2018
19 or the date of the enactment of an Act authorizing funds
20 for military construction for fiscal year 2019, whichever
21 is later.

22 (b) **TABLE.**—The table referred to in subsection (a)
23 is as follows:

National Guard and Reserve: Extension of 2014 Project Authorizations

State	Installation or Location	Project	Amount
Florida	Homestead ARB	Entry Control Complex	\$9,800,000
Maryland	Fort Meade	175th Network Warfare Squadron Facility	\$4,000,000
New York	Bullville	Army Reserve Center	\$14,500,000

1 SEC. 2613. EXTENSION OF AUTHORIZATIONS OF CERTAIN
2 FISCAL YEAR 2015 PROJECTS.

3 (a) EXTENSION.—Notwithstanding section 2002 of
4 the Military Construction Act for Fiscal Year 2015 (divi-
5 sion B of Public Law 113-291; 128 Stat. 3669), the au-
6 thorizations set forth in the table in subsection (b), as pro-
7 vided in sections 2602 and 2604 of that Act (128 Stat.
8 3688, 3689), shall remain in effect until October 1, 2018
9 or the date of the enactment of an Act authorizing funds
10 for military construction for fiscal year 2019, whichever
11 is later.

12 (b) TABLE.—The table referred to in subsection (a)
13 is as follows:

National Guard and Reserve: Extension of 2015 Project Authorizations

State	Location	Project	Amount
Mississippi	Starkville	Army Reserve Center	\$9,300,000
New Hampshire	Pease	KC-46A ADAL Airfield Pavements and Hydrant Systems	\$7,100,000

1 **TITLE XXVII—BASE REALIGN-**
2 **MENT AND CLOSURE ACTIVI-**
3 **TIES**

4 **SEC. 2701. AUTHORIZATION OF APPROPRIATIONS FOR**
5 **BASE REALIGNMENT AND CLOSURE ACTIVI-**
6 **TIES FUNDED THROUGH DEPARTMENT OF**
7 **DEFENSE BASE CLOSURE ACCOUNT.**

8 Funds are hereby authorized to be appropriated for
9 fiscal years beginning after September 30, 2017, for base
10 realignment and closure activities, including real property
11 acquisition and military construction projects, as author-
12 ized by the Defense Base Closure and Realignment Act
13 of 1990 (part A of title XXIX of Public Law 101-510;
14 10 U.S.C. 2687 note) and funded through the Department
15 of Defense Base Closure Account established by section
16 2906 of such Act (as amended by section 2711 of the Mili-
17 tary Construction Authorization Act for Fiscal Year 2013
18 (division B of Public Law 112-239; 126 Stat. 2140)), as
19 specified in the funding table in section 4601.

20 **SEC. 2702. PROHIBITION ON CONDUCTING ADDITIONAL**
21 **BASE REALIGNMENT AND CLOSURE (BRAC)**
22 **ROUND.**

23 Nothing in this Act shall be construed to authorize
24 an additional Base Realignment and Closure (BRAC)
25 round.

1 **SEC. 2703. UPDATE TO REPORT ON INFRASTRUCTURE CA-**
2 **PACITY.**

3 Not later than one year after the date of the enact-
4 ment of this Act, the Secretary of Defense shall prepare
5 and release to the public an updated version of the March
6 2016 report on “Department of Defense Infrastructure
7 Capacity”.

8 **TITLE XXVIII—MILITARY CON-**
9 **STRUCTION GENERAL PROVI-**
10 **SIONS**

11 **Subtitle A—Military Construction**
12 **Program and Military Family**
13 **Housing**

14 **SEC. 2801. ELIMINATION OF WRITTEN NOTICE REQUIRE-**
15 **MENT FOR MILITARY CONSTRUCTION ACTIVI-**
16 **TIES AND RELIANCE ON ELECTRONIC SUB-**
17 **MISSION OF NOTIFICATIONS AND REPORTS.**

18 (a) **MILITARY CONSTRUCTION AUTHORITIES.**—Sub-
19 chapter I of chapter 169 of title 10, United States Code,
20 is amended as follows:

21 (1) Section 2803(b) is amended—

22 (A) by striking “in writing”;

23 (B) by striking “seven-day period” and in-
24 serting “five-day period”; and

1 (C) by striking “or, if earlier, the end of
2 the seven-day period beginning on the date on
3 which a copy of the notification is provided”.

4 (2) Section 2804(b) is amended—

5 (A) by striking “in writing”;

6 (B) by striking “14-day period” and in-
7 serting “seven-day period; and”

8 (C) by striking “or, if earlier, the end of
9 the seven-day period beginning on the date on
10 which a copy of the notification is provided”.

11 (3) Section 2805 is amended—

12 (A) in subsection (b)(2)—

13 (i) by striking “in writing”;

14 (ii) by striking “21-day period” and
15 inserting “14-day period”; and

16 (iii) by striking “or, if earlier, the end
17 of the 14-day period beginning on the date
18 on which a copy of the notification is pro-
19 vided”; and

20 (B) in subsection (d)(3)—

21 (i) by striking “in writing”;

22 (ii) by striking “21-day period” and
23 inserting “14-day period”; and

24 (iii) by striking “or, if earlier, the end
25 of the 14-day period beginning on the date

1 on which a copy of the notification is pro-
2 vided”.

3 (4) Section 2806(c) is amended—

4 (A) in paragraph (1), by inserting “of De-
5 fense” after “The Secretary”; and

6 (B) by striking “(A)” and all that follows
7 through the end of the paragraph and inserting
8 the following: “, only after the end of the 14-
9 day period beginning on the date on which the
10 Secretary submits, in an electronic medium pur-
11 suant to section 480 of this title, to the appro-
12 priate committees of Congress notice of the in-
13 crease, including the reasons for the increase
14 and the source of the funds to be used for the
15 increase.”.

16 (5) Section 2807 is amended—

17 (A) in subsection (b)—

18 (i) by striking “21-day period” and
19 inserting “14-day period”; and

20 (ii) by striking “or, if earlier, the end
21 of the 14-day period beginning on the date
22 on which a copy of the report is provided”;
23 and

24 (B) in subsection (c), by striking “(1)”
25 and all that follows through the end of the sub-

1 section and inserting the following: “only after
2 the end of the 14-day period beginning on the
3 date on which the Secretary submits, in an elec-
4 tronic medium pursuant to section 480 of this
5 title, to the appropriate committees of Congress
6 notice of the need for the increase, including
7 the source of funds to be used for the in-
8 crease.”.

9 (6) Section 2808(b) is amended by inserting
10 after “notify” the following: “, in an electronic me-
11 dium pursuant to section 480 of this title,”.

12 (7) Section 2809 is amended by striking sub-
13 section (f) and inserting the following new sub-
14 section:

15 “(f) NOTICE AND WAIT REQUIREMENTS.—The Sec-
16 retary concerned may enter into a contract under this sec-
17 tion only after the end of the 14-day period beginning on
18 the date on which the Secretary submits, in an electronic
19 medium pursuant to section 480 of this title, to the appro-
20 priate committees of Congress a justification of the need
21 for the facility covered by the proposed contract, including
22 an economic analysis (based upon accepted life cycle cost-
23 ing procedures) which demonstrates that the proposed
24 contract is cost effective when compared with alternative
25 means of furnishing the same facility.”.

1 (8) Section 2811(d) is amended by inserting
2 after “submit” the following: “, in an electronic me-
3 dium pursuant to section 480 of this title,”.

4 (9) Section 2812(c) is amended by striking
5 paragraph (1) and inserting the following new para-
6 graph:

7 “(1) The Secretary concerned may enter into a lease
8 under this section only after the end of the 14-day period
9 beginning on the date on which the Secretary submits, in
10 an electronic medium pursuant to section 480 of this title,
11 to the appropriate committees of Congress a justification
12 of the need for the facility covered by the proposed lease,
13 including an economic analysis (based upon accepted life-
14 cycle costing procedures) that demonstrates the cost effec-
15 tiveness of the proposed lease compared with a military
16 construction project for the same facility.”.

17 (10) Section 2813(c) is amended—

18 (A) by striking “transmits to the appro-
19 priate committees of Congress a written notifi-
20 cation” and inserting “notifies the appropriate
21 committees of Congress”;

22 (B) by striking “21-day period” and in-
23 serting “14-day period”; and

1 (C) by striking “or, if earlier, the end of
2 the 14-day period beginning on the date on
3 which a copy of the report is provided”.

4 (11) Section 2814 is amended—

5 (A) in subsection (a); and

6 (B) by striking subsection (g) and insert-
7 ing the following new subsection:

8 “(g) NOTICE AND WAIT REQUIREMENTS.—The Sec-
9 retary of the Navy may carry out a transaction authorized
10 by this section only after the end of the 20-day period
11 beginning on the date on which the Secretary submits, in
12 an electronic medium pursuant to section 480 of this title,
13 to the appropriate committees of Congress notice of the
14 transaction, including a detailed description of the trans-
15 action and a justification for the transaction specifying the
16 manner in which the transaction will meet the purposes
17 of this section.”.

18 (b) MILITARY FAMILY HOUSING ACTIVITIES.—Sub-
19 chapter II of chapter 169 of title 10, United States Code,
20 is amended as follows:

21 (1) Section 2825(b) is amended—

22 (A) by redesignating paragraphs (2), (3),
23 and (4) as paragraphs (3), (4), and (5), respec-
24 tively;

25 (B) in paragraph (5), as redesignated—

1 (i) by striking “the first sentence of”;

2 and

3 (ii) by striking “in that sentence” and

4 inserting “in that paragraph”; and

5 (C) in paragraph (1)—

6 (i) in the second sentence, by striking

7 “The Secretary concerned may waive the

8 limitations contained in the preceding sen-

9 tence” and inserting the following:

10 “(2) The Secretary concerned may waive the limita-

11 tions contained in paragraph (1)”;

12 (ii) in the third sentence, by striking

13 “the Secretary transmits” and all that fol-

14 lows through the end of the sentence and

15 inserting the following: “the end of the 14-

16 day period beginning on the date on which

17 the Secretary submits, in an electronic me-

18 dium pursuant to section 480 of this title,

19 to the appropriate committees of Congress

20 notice of the proposed waiver, together

21 with an economic analysis demonstrating

22 that the improvement will be cost effec-

23 tive.”.

24 (2) Section 2827 is amended—

1 (A) in subsection (a), by inserting “RELO-
2 CATION AUTHORITY.—” after “(a)”; and

3 (B) by striking subsection (b) and insert-
4 ing the following new subsection:

5 “(b) NOTICE AND WAIT REQUIREMENTS.—A con-
6 tract to carry out a relocation of military family housing
7 units under subsection (a) may be awarded only after the
8 end of the 14-day period beginning on the date on which
9 the Secretary concerned submits, in an electronic medium
10 pursuant to section 480 of this title, to the appropriate
11 committees of Congress notice of the proposed new loca-
12 tions of the housing units to be relocated and the esti-
13 mated cost of and source of funds for the relocation.”.

14 (3) Section 2828(f) is amended by striking
15 “may not be made” and all that follows through the
16 end of the subsection and inserting “may be made
17 under this section only after the end of the 14-day
18 period beginning on the date on which the Secretary
19 concerned submits, in an electronic medium pursu-
20 ant to section 480 of this title, to the appropriate
21 committees of Congress notice of the facts con-
22 cerning the proposed lease.”.

23 (4) Section 2831(f) is amended by striking
24 “until—” and all that follows through the end of the
25 subsection and inserting the following: “until after

1 the end of the 14-day period beginning on the date
2 on which the Secretary submits, in an electronic me-
3 dium pursuant to section 480 of this title, to the ap-
4 propriate committees of Congress a justification of
5 the need for the maintenance or repair project, in-
6 cluding an estimate of the cost of the project.”.

7 (5) Section 2835 is amended by striking sub-
8 section (g) and inserting the following new sub-
9 section:

10 “(g) NOTICE AND WAIT REQUIREMENTS.—A con-
11 tract may be entered into for the lease of housing facilities
12 under this section only after the end of the 14-day period
13 beginning on the date on which the Secretary of Defense,
14 or the Secretary of Homeland Security with respect to the
15 Coast Guard when it is not operating as a service in the
16 Navy, submits, in an electronic medium pursuant to sec-
17 tion 480 of this title, to the appropriate committees of
18 Congress an economic analysis (based upon accepted life
19 cycle costing procedures) which demonstrates that the pro-
20 posed contract is cost-effective when compared with alter-
21 native means of furnishing the same housing facilities.”.

22 (6) Section 2835a(c) is amended by striking
23 “until—” and all that follows through the end of the
24 subsection and inserting the following: “until after
25 the end of the 14-day period beginning on the date

1 on which the Secretary submits, in an electronic me-
2 dium pursuant to section 480 of this title, to the ap-
3 propriate committees of Congress a notice of the in-
4 tent to undertake the conversion.”.

5 (c) ADMINISTRATIVE PROVISIONS.—Subchapter III
6 of chapter 169 of title 10, United States Code, is amended
7 as follows:

8 (1) Section 2853(c) is amended—

9 (A) by striking “in writing” both places it
10 appears;

11 (B) in paragraph (1)(B)—

12 (i) by striking “period of 21 days”
13 and inserting “14-day period”; and

14 (ii) by striking “or, if over sooner, a
15 period of 14 days has elapsed after the
16 date on which a copy of the notification is
17 provided”; and

18 (C) in paragraph (2), by inserting after
19 “notifies” the following: “, using an electronic
20 medium pursuant to section 480 of this title,”.

21 (2) Section 2854(b) is amended—

22 (A) by striking “in writing”;

23 (B) by striking “21-day period” and in-
24 serting “14-day period”; and

1 (C) by striking “or, if earlier, the end of
2 the seven-day period beginning on the date on
3 which a copy of the notification is provided”.

4 (3) Section 2854a is amended by striking sub-
5 section (c) and inserting the following new sub-
6 section:

7 “(c) NOTICE AND WAIT REQUIREMENTS.—(1) The
8 Secretary concerned may enter into an agreement to con-
9 vey a family housing facility under this section only after
10 the end of the 14-day period beginning on the date on
11 which the Secretary submits, in an electronic medium pur-
12 suant to section 480 of this title, to the appropriate com-
13 mittees of Congress a notice containing a justification for
14 the conveyance under the agreement.

15 “(2) A notice under paragraph (1) shall include—

16 “(A) an estimate of the consideration to be pro-
17 vided the United States under the agreement;

18 “(B) an estimate of the cost of repairing the
19 family housing facility to be conveyed; and

20 “(C) an estimate of the cost of replacing the
21 family housing facility to be conveyed.”.

22 (4) Section 2861(c) is amended—

23 (A) by striking “in writing”;

24 (B) by striking “21-day period” and in-
25 serting “14-day period”; and

1 (C) by striking “or, if earlier, the end of
2 the 14-day period beginning on the date on
3 which a copy of the notification is provided”.

4 (5) Section 2866(c)(2) is amended—

5 (A) by striking “21-day period” and in-
6 serting “14-day period”; and

7 (B) by striking “or, if earlier, the end of
8 the 14-day period beginning on the date on
9 which a copy of the notification is provided”.

10 (6) Section 2869(d)(3) is amended—

11 (A) in the first sentence, by striking “after
12 a period of 21 days” and all that follows
13 through the end of the sentence and inserting
14 the following: “after the end of the 14-day pe-
15 riod beginning on the date of the submission of
16 the notice in an electronic medium pursuant to
17 section 480 of this title.”; and

18 (B) in the second sentence, by striking
19 “only after” and all that follows through the
20 end of the sentence and inserting the following:
21 “only after the end of the 45-day period begin-
22 ning on the date of the submission of the notice
23 in an electronic medium pursuant to section
24 480 of this title.”

1 (d) ALTERNATIVE AUTHORITY FOR ACQUISITION
2 AND IMPROVEMENT OF MILITARY HOUSING.—Subchapter
3 IV of chapter 169 of title 10, United States Code, is
4 amended as follows:

5 (1) Section 2881a(d)(2) is amended by insert-
6 ing after “Congress” the following: “in an electronic
7 medium pursuant to section 480 of this title”.

8 (2) Section 2883(f) is amended—

9 (A) by striking “30-day period” and in-
10 sserting “14-day period”;

11 (B) by striking “written”; and

12 (C) by striking “or, if earlier, the end of
13 the 14-day period beginning on the date on
14 which a copy of the notice and justification is
15 provided”.

16 (3) Section 2884(a) is amended by striking
17 paragraph (4) and inserting the following new para-
18 graph:

19 “(4) The report shall be submitted in an electronic
20 medium pursuant to section 480 of this title not later than
21 21 days before the date on which the Secretary issues the
22 contract solicitation or offers the conveyance or lease.”.

23 (4) Section 2885 is amended—

24 (A) in subsection (a)(4)(B)—

1 (i) by inserting after “notify” the fol-
2 lowing: “, in an electronic medium pursu-
3 ant to section 480 of this title,”; and

4 (ii) by striking “, and shall provide”
5 and inserting “and include”; and

6 (B) in subsection (d), by inserting after
7 “submit” the following: “, in an electronic me-
8 dium pursuant to section 480 of this title,”.

9 (e) ENERGY SECURITY ACTIVITIES.—Chapter 173 of
10 title 10, United States Code, is amended as follows:

11 (1) Section 2914(b)(1) is amended—

12 (A) by striking “in writing”;

13 (B) by striking “21-day period” and in-
14 sserting “14-day period”; and

15 (C) by striking “or, if earlier, the end of
16 the 14-day period beginning on the date on
17 which a copy of the notification is provided”.

18 (2) Section 2916(c) is amended—

19 (A) by striking “in writing”;

20 (B) by striking “21-day period” and in-
21 sserting “14-day period”; and

22 (C) by striking “or, if earlier, the end of
23 the 14-day period beginning on the date on
24 which a copy of the notification is provided”.

1 (f) MILITARY CONSTRUCTION CARRIED OUT USING
2 BURDEN SHARING CONTRIBUTIONS.—Section 2350j(e)(2)
3 of title 10, United States Code, is amended—

4 (1) by striking “21-day period” and inserting
5 “14-day period”; and

6 (2) by striking “or, if earlier, the end of the 14-
7 day period beginning on the date on which a copy
8 of the report is provided”.

9 (g) ACQUISITION OF FACILITIES FOR RESERVE COM-
10 PONENTS BY EXCHANGE.—Section 18240(f)(2) of title
11 10, United States Code, is amended—

12 (1) by striking “30-day period” and inserting
13 “21-day period”; and

14 (2) by striking “or, if earlier, the end of the 21-
15 day period beginning on the date on which a copy
16 of the report is provided”.

17 **SEC. 2802. MODIFICATION OF THRESHOLDS APPLICABLE**
18 **TO UNSPECIFIED MINOR CONSTRUCTION**
19 **PROJECTS.**

20 (a) INCREASE IN THRESHOLD; UNIFORM THRESH-
21 OLD FOR ALL PROJECTS.—Section 2805(a)(2) of title 10,
22 United States Code, is amended—

23 (1) in the first sentence, by striking
24 “\$3,000,000” and inserting “\$6,000,000”; and

25 (2) by striking the second sentence.

1 (b) NOTICE REQUIREMENTS.—Section 2805(b)(1) of
2 such title is amended by striking “\$1,000,000” and insert-
3 ing “\$750,000”.

4 (c) USE OF OPERATION AND MAINTENANCE
5 FUNDS.—Section 2805(c) of such title is amended by
6 striking “\$1,000,000” and inserting “\$2,000,000”.

7 **SEC. 2803. EXTENSION OF TEMPORARY, LIMITED AUTHOR-**
8 **ITY TO USE OPERATION AND MAINTENANCE**
9 **FUNDS FOR CONSTRUCTION PROJECTS OUT-**
10 **SIDE THE UNITED STATES.**

11 (a) EXTENSION OF AUTHORITY.—Subsection (h) of
12 section 2808 of the Military Construction Authorization
13 Act for Fiscal Year 2004 (division B of Public Law 108–
14 136; 117 Stat. 1723), as most recently amended by sec-
15 tion 2804 of the Military Construction Authorization Act
16 for Fiscal Year 2017 (division B of Public Law 114–328;
17 130 Stat. 2713), is amended—

18 (1) in paragraph (1), by striking “December
19 31, 2017” and inserting “December 31, 2018”; and

20 (2) in paragraph (2), by striking “fiscal year
21 2018” and inserting “fiscal year 2019”.

22 (b) LIMITATION ON USE OF AUTHORITY.—Sub-
23 section (c)(1) of such section is amended—

24 (1) by striking “October 1, 2016” and inserting
25 “October 1, 2017”;

1 (2) by striking “December 31, 2017” and in-
2 serting “December 31, 2018”; and

3 (3) by striking “fiscal year 2018” and inserting
4 “fiscal year 2019”.

5 **SEC. 2804. USE OF OPERATION AND MAINTENANCE FUNDS**
6 **FOR MILITARY CONSTRUCTION PROJECTS TO**
7 **REPLACE FACILITIES DAMAGED OR DE-**
8 **STROYED BY NATURAL DISASTERS OR TER-**
9 **RORISM INCIDENTS.**

10 (a) **AUTHORIZING USE OF FUNDS.**—Section 2854 of
11 title 10, United States Code, is amended by adding at the
12 end the following new subsection:

13 “(c)(1) In using the authority described in subsection
14 (a) to carry out a military construction project to replace
15 a facility, including a family housing facility, that has been
16 damaged or destroyed, the Secretary concerned may use
17 appropriations available for operation and maintenance
18 if—

19 “(A) the damage or destruction to the facility
20 was the result of a natural disaster or a terrorism
21 incident; and

22 “(B) the Secretary submits a notification to the
23 appropriate committees of Congress of the decision
24 to carry out the replacement project, and includes in
25 the notification—

1 “(i) the current estimate of the cost of the
2 replacement project;

3 “(ii) the source of funds for the replace-
4 ment project;

5 “(iii) in the case of damage to a facility
6 rather than destruction, a certification that the
7 replacement project is more cost-effective than
8 repair or restoration; and

9 “(iv) a certification that deferral of the re-
10 placement project for inclusion in the next Mili-
11 tary Construction Authorization Act would be
12 inconsistent with national security or the pro-
13 tection of health, safety, or environmental qual-
14 ity, as the case may be.

15 “(2) A replacement project under this subsection may
16 be carried out only after the end of the 7-day period begin-
17 ning on the date on which a copy of the notification de-
18 scribed in paragraph (1) is provided in an electronic me-
19 dium pursuant to section 480 of this title.

20 “(3) The maximum aggregate amount that the Sec-
21 retary concerned may obligate from appropriations avail-
22 able for operation and maintenance in any fiscal year for
23 replacement projects under the authority of this sub-
24 section is \$50,000,000.”.

1 (b) CONFORMING AMENDMENT.—Subsection (b) of
2 section 2854 of such title, as amended by section
3 2801(c)(2), is amended by striking “under this section”
4 and inserting “under subsection (a)”.

5 **Subtitle B—Real Property and**
6 **Facilities Administration**

7 **SEC. 2811. ELIMINATION OF WRITTEN NOTICE REQUIRE-**
8 **MENT FOR MILITARY REAL PROPERTY**
9 **TRANSACTIONS AND RELIANCE ON ELEC-**
10 **TRONIC SUBMISSION OF NOTIFICATIONS AND**
11 **REPORTS.**

12 (a) GENERAL REAL PROPERTY TRANSACTION RE-
13 PORT.—Section 2662(a) of title 10, United States Code,
14 is amended by striking paragraph (3) and inserting a new
15 paragraph:

16 “(3) The authority of the Secretary concerned to
17 enter into a transaction described in paragraph (1) com-
18 mences only after the end of the 14-day period beginning
19 on the first day of the first month beginning on or after
20 the date on which the report containing the facts con-
21 cerning such transaction, and all other such proposed
22 transactions for that month, is provided in an electronic
23 medium pursuant to section 480 of this title.”.

1 (b) ACQUISITION OF INTERESTS IN LAND WHEN
2 NEED IS URGENT.—Section 2663(d)(2) of title 10,
3 United States Code, is amended—

4 (1) by inserting after “submit” the following: “,
5 in an electronic medium pursuant to section 480 of
6 this title,”; and

7 (2) by striking “written notice” and inserting
8 “a notice”.

9 (c) ACQUISITION OF LAND BY CONDEMNATION FOR
10 CERTAIN MILITARY PURPOSES.—Section 2663(f)(2) of
11 title 10, United States Code, is amended by striking “or,
12 if over sooner, the end of the 14-day period beginning on
13 the date on which a copy of the report is provided”.

14 (d) EXCEPTIONS TO LIMITATIONS ON LAND ACQUI-
15 SITION REDUCTION IN SCOPE OR INCREASE IN COST.—Sec-
16 tion 2664(d) of title 10, United States Code, is amended—

17 (1) by striking “written”;

18 (2) by striking “a period of 21 days elapses
19 from” and inserting “the end of the 14-day period
20 beginning on”; and

21 (3) by striking “or, if over sooner, a period of
22 14 days elapses from the date on which a copy of
23 that notification is provided”.

24 (e) LEASES OF NON-EXCESS DEFENSE PROPERTY.—
25 Section 2667(d)(3) of title 10, United States Code, is

1 amended by striking “provide to the congressional defense
2 committees written notice” and inserting “submit, in an
3 electronic medium pursuant to section 480 of this title,
4 to the congressional defense committees a notice”.

5 (f) MAINTENANCE AND REPAIR AND JURISDICTION
6 OVER FACILITIES FOR DEFENSE AGENCIES.—Section
7 2682(c)(2) of title 10, United States Code, is amended
8 by striking “to the appropriate congressional committees
9 written notification” and inserting “, in an electronic me-
10 dium pursuant to section 480 of this title, to the appro-
11 priate congressional committees a notice”.

12 (g) AGREEMENTS TO LIMIT ENCROACHMENTS AND
13 OTHER CONSTRAINTS ON MILITARY TRAINING, TESTING,
14 AND OPERATIONS.—Section 2684a(d)(4)(D) of title 10,
15 United States Code, is amended—

16 (1) in clause (i), by striking “provides written
17 notice” and inserting “submits, in an electronic me-
18 dium pursuant to section 480 of this title, a notice”;
19 and

20 (2) in clause (ii), by striking “14 days” and all
21 that follows through the end of the clause and in-
22 serting the following: “10 days after the date on
23 which the notice is submitted under clause (i).”.

24 (h) CONVEYANCE OF SURPLUS REAL PROPERTY FOR
25 NATURAL RESOURCE CONSERVATION.—Section 2694a of

1 title 10, United States Code, is amended by striking sub-
2 section (e) and inserting the following new subsection:

3 “(e) NOTICE AND WAIT REQUIREMENTS.—The Sec-
4 retary concerned may not approve of the reconveyance of
5 real property under subsection (e) or grant the release of
6 a covenant under subsection (d) until after the end of the
7 14-day period beginning on the date on which the Sec-
8 retary submits, in an electronic medium pursuant to sec-
9 tion 480 of this title, to the appropriate committees of
10 Congress a notice of the proposed reconveyance or re-
11 lease.”.

12 **SEC. 2812. CLARIFICATION OF APPLICABILITY OF FAIR**
13 **MARKET VALUE CONSIDERATION IN GRANTS**
14 **OF EASEMENTS ON MILITARY LANDS FOR**
15 **RIGHTS-OF-WAY.**

16 Section 2668(e) of title 10, United States Code, is
17 amended—

18 (1) in the subsection heading, by striking “DIS-
19 POSITION OF” and inserting “CONDITIONS AND”;
20 and

21 (2) by striking “Subsections (c) and (e)” and
22 inserting “Subsections (b)(4), (c), and (e)”.

1 **SEC. 2813. CRITERIA FOR EXCHANGES OF PROPERTY AT**
2 **MILITARY INSTALLATIONS.**

3 Paragraph (2) of section 2869(a) of title 10, United
4 States Code, is amended to read as follows:

5 “(2) Paragraph (1) applies with respect to real prop-
6 erty under the jurisdiction of the Secretary concerned—

7 “(A) that is located on a military installation
8 that is closed or realigned under a base closure law;
9 or

10 “(B) that is located on a military installation
11 not covered by subparagraph (A) and for which the
12 Secretary concerned makes a determination that the
13 conveyance under paragraph (1) is advantageous to
14 the United States.”.

15 **SEC. 2814. PROHIBITING USE OF UPDATED ASSESSMENT OF**
16 **PUBLIC SCHOOLS ON DEPARTMENT OF DE-**
17 **FENSE INSTALLATIONS TO SUPERSEDE**
18 **FUNDING OF CERTAIN PROJECTS.**

19 (a) PROHIBITING USE OF UPDATED ASSESSMENT TO
20 SUPERSEDE FUNDING OF CERTAIN PUBLIC SCHOOL
21 PROJECTS.—Subsection (a) of section 2814 of the Na-
22 tional Defense Authorization Act for Fiscal Year 2017
23 (Public Law 114–328; 130 Stat. 2717) is amended by
24 adding at the end the following new paragraph:

25 “(3) PROHIBITING USE OF UPDATED ASSESS-
26 MENT TO SUPERSEDE FUNDING OF CERTAIN RE-

1 MAINTAINING PROJECTS.—In determining which projects
2 will be funded under the programs described in
3 paragraph (2), the Secretary may not, on the basis
4 of the updated assessment described in paragraph
5 (1), supersede the funding of any of the remaining
6 projects which were included among the 33 projects
7 for which Secretary assigned the highest priority for
8 receiving funds under the assessment of the capacity
9 and facility condition deficiencies of elementary and
10 secondary public schools on military installations
11 conducted by the Secretary in July 2011 under sec-
12 tion 8109 of the Department of Defense and Full-
13 Year Continuing Appropriations Act, 2011 (Public
14 Law 112–10; 125 Stat. 82).”.

15 (b) EFFECTIVE DATE.—The amendment made by
16 subsection (a) shall take effect as if included in the enact-
17 ment of the National Defense Authorization Act for Fiscal
18 Year 2017.

19 **SEC. 2815. REQUIREMENTS FOR WINDOW FALL PREVEN-**
20 **TION DEVICES IN MILITARY FAMILY HOUS-**
21 **ING.**

22 (a) REQUIREMENT.—Chapter 169 of title 10, United
23 States Code, is amended by inserting after section 2878
24 the following new section:

1 **“§ 2879. Window fall prevention devices in military**
2 **family housing units**

3 “(a) **REQUIRING USE OF DEVICES ON CERTAIN WIN-**
4 **DOWS.**—The Secretary concerned shall ensure that if a
5 window in any military family housing unit acquired or
6 constructed under this chapter is described in subsection
7 (b), including a window designed for emergency escape or
8 rescue, the window is equipped with fall prevention devices
9 that protect against unintentional window falls by young
10 children and that are in compliance with applicable Inter-
11 national Building Code (IBC) standards.

12 “(b) **WINDOWS DESCRIBED.**—A window is described
13 in this subsection if the bottom sill of the window is within
14 36 inches of the floor, as measured in the interior of the
15 unit.”.

16 (b) **BRIEFING ON IMPLEMENTATION.**—Not later than
17 180 days after the date of the enactment of this Act, the
18 Secretary of each military department shall brief the Com-
19 mittee on Armed Services of the House of Representatives
20 on the implementation of section 2879 of title 10, United
21 States Code (as added by subsection (a)), and include in
22 the briefing the following:

23 (1) The extent to which the Secretary is in
24 compliance with the requirements of such section.

1 (2) A plan for the retrofitting of existing mili-
2 tary family housing units to enable the units to meet
3 the requirements of such section.

4 (3) The feasibility and cost-effectiveness of ex-
5 panding the requirements of such section to apply to
6 windows for which the bottom sill—

7 (A) is within 42 inches of the floor, as
8 measured in the interior of the unit; or

9 (B) is 72 inches or more above the ground,
10 as measured on the exterior of the unit.

11 (4) The feasibility and cost-effectiveness of
12 modifying the requirements of such section to re-
13 quire windows to be equipped with fall prevention
14 devices that meet the following requirements:

15 (A) The device attaches to the window
16 frame and covers the entire opening with mate-
17 rials of sufficient strength to withstand 60
18 pounds (27 kg) of force.

19 (B) The device allows protection in case of
20 a fully opened window.

21 (C) The device prohibits the passage of a
22 4 inch rigid sphere anywhere in the window
23 opening.

24 (D) The device has a 2 step release mecha-
25 nism that—

1 (i) allows the window to be fully
2 opened for emergency escape or rescue
3 with no more than 15 lb ft of force;

4 (ii) requires 2 distinct actions to oper-
5 ate;

6 (iii) is clearly identified for use in an
7 emergency; and

8 (iv) is not designed in a manner which
9 accommodates the use of locking devices
10 which require special tools or knowledge to
11 operate, such as combination locks or
12 keyed locks.

13 (5) The feasibility and cost-effectiveness of ex-
14 tending the requirements of such section to private
15 housing leased or otherwise used by military fami-
16 lies.

17 (6) The feasibility and cost-effectiveness of
18 other potential methods to protect against uninten-
19 tional window falls by young children in military
20 family housing units.

21 (c) CLERICAL AMENDMENT.—The table of sections
22 for chapter 169 of such title is amended by inserting after
23 the item relating to section 2878 the following new item:

“2879. Window fall prevention devices in military family housing units.”.

1 **SEC. 2816. AUTHORIZING REIMBURSEMENT OF STATES FOR**
2 **COSTS OF SUPPRESSING WILDFIRES CAUSED**
3 **BY DEPARTMENT OF DEFENSE ACTIVITIES**
4 **ON STATE LANDS; RESTORATION OF LANDS**
5 **OF OTHER FEDERAL AGENCIES FOR DAMAGE**
6 **CAUSED BY DEPARTMENT OF DEFENSE VEHI-**
7 **CLE MISHAPS.**

8 (a) **AUTHORITIES.**—Section 2691 of title 10, United
9 States Code, is amended—

10 (1) in subsection (a), by striking “or lease”
11 each place it appears;

12 (2) in subsection (b), by striking “or lease”;

13 (3) in subsection (c), by striking “lease,”; and

14 (4) by adding at the end the following new sub-
15 sections:

16 “(d) **WILDLAND FIRES ON STATE LAND.**—The Sec-
17 retary of Defense may, in any lease, permit, license, or
18 other grant of access for use of lands owned by a State,
19 agree to reimburse the State for the reasonable costs of
20 the State in suppressing wildland fires caused by the ac-
21 tivities of the Department of Defense under such lease,
22 permit, license, or other grant of access.

23 “(e) **RESTORATION OF LAND DAMAGED BY MIS-**
24 **HAP.**—(1) When land under the administrative jurisdic-
25 tion of a Federal agency that is not a part of the Depart-
26 ment of Defense is damaged as the result of a mishap

1 involving a vessel, aircraft, or vehicle of the Department
2 of Defense, the Secretary of Defense may, with the con-
3 sent of the Federal agency, restore the land.

4 “(2) When land under the administrative jurisdiction
5 of the Department of Defense or a military department
6 is damaged as the result of a mishap involving a vessel,
7 aircraft, or vehicle of a Federal agency that is not a part
8 of the Department of Defense, the head of the Federal
9 agency under whose control the vessel, aircraft, or vehicle
10 was operating may, with the consent of the Department
11 of Defense, restore the land.”.

12 (b) CONFORMING AMENDMENTS.—Such section is
13 further amended—

14 (1) in the heading, by striking “**LEASE**” and
15 inserting “**DAMAGED BY MISHAP; REIMBURSE-**
16 **MENT OF STATE COSTS OF FIGHTING**
17 **WILDLAND FIRES**”;

18 (2) in subsection (a), by striking “(a) The Sec-
19 retary” and inserting “(a) RESTORATION OF OTHER
20 AGENCY LAND USED BY PERMIT.—The Secretary”;

21 (3) in subsection (b), by striking “(b) Unless”
22 and inserting “(b) SCREENING FOR USE OF IM-
23 PROVED LAND.—Unless”; and

24 (4) in subsection (c), by striking “(c)(1) As a
25 condition” and inserting “(c) RESTORATION OF DE-

1 PARTMENT OF DEFENSE LAND USED BY OTHER
2 AGENCY.—(1) As a condition”.

3 (c) CLERICAL AMENDMENT.—The table of sections
4 of chapter 159 of such title is amended by amending the
5 item relating to section 2691 to read as follows:

“2691. Restoration of land used by permit or damaged by mishap; reimburse-
ment of State costs of fighting wildland fires.”.

6 **SEC. 2817. PROHIBITING COLLECTION OF ADDITIONAL**
7 **AMOUNTS FROM MEMBERS LIVING IN UNITS**
8 **UNDER MILITARY HOUSING PRIVATIZATION**
9 **INITIATIVE.**

10 (a) PROHIBITION.—Subchapter IV of chapter 169 of
11 title 10, United States Code, is amended by adding at the
12 end the following new section:

13 **“§ 2886. Prohibiting collection of amounts in addition**
14 **to rent from members assigned to units**

15 “(a) PROHIBITION.—An agreement for acquiring or
16 constructing a military family housing unit or military un-
17 accompanied housing unit under this subchapter which is
18 entered into between the Secretary and an eligible entity
19 shall prohibit the entity from imposing on a member of
20 the armed forces who occupies the unit a supplemental
21 payment (such as an out-of-pocket fee) in addition to the
22 amount of rent the eligible entity charges for a unit of
23 similar size and composition, without regard to whether

1 or not the amount of the member's basic allowance for
2 housing is less than the amount of the rent.

3 “(b) PERMITTING CERTAIN ADDITIONAL PAY-
4 MENTS.—Nothing in this section shall be construed to pro-
5 hibit an eligible entity from imposing an additional pay-
6 ment for optional services provided to residents, such as
7 access to a gym or a parking space, or an additional pay-
8 ment for non-essential utility services, as determined in
9 accordance with regulations promulgated by the Secretary.

10 “(c) NO EFFECT ON RENTAL GUARANTEES OR DIF-
11 FERENTIAL LEASE PAYMENTS.—Nothing in this section
12 shall be construed to limit or otherwise affect the authority
13 of the Secretary to enter into rental guarantee agreements
14 under section 2876 of this title or to make differential
15 lease payments under section 2877 of this title, so long
16 as such agreements or payments do not require a member
17 of the armed forces who is assigned to a military family
18 housing unit or military unaccompanied housing unit
19 under this subchapter to pay an out-of-pocket fee or pay-
20 ment in addition to the member's basic housing allow-
21 ance.”.

22 (b) CLERICAL AMENDMENT.—The table of sections
23 for subchapter IV of chapter 169 of such title is amended
24 by adding at the end the following new item:

“2886. Prohibiting collection of amounts in addition to rent from members as-
signed to units.”.

1 **SEC. 2818. CERTIFICATION RELATED TO CERTAIN ACQUISI-**
2 **TIONS OR LEASES OF REAL PROPERTY.**

3 Section 2662(a) of title 10, United States Code, is
4 amended—

5 (1) in paragraph (2), by striking the period at
6 the end and inserting the following: “, as well as the
7 certification described in paragraph (5).”; and

8 (2) by adding at the end the following:

9 “(5) For purposes of paragraph (2), the certification
10 described in this paragraph with respect to an acquisition
11 or lease of real property is a certification that the Sec-
12 retary concerned—

13 “(A) evaluated the feasibility of using space in
14 property under the jurisdiction of the Department of
15 Defense to satisfy the purposes of the acquisition or
16 lease; and

17 “(B) determined that—

18 “(i) space in property under the jurisdic-
19 tion of the Department of Defense is not rea-
20 sonably available to be used to satisfy the pur-
21 poses of the acquisition or lease;

22 “(ii) acquiring the property or entering
23 into the lease would be more cost-effective than
24 the use of the Department of Defense property;
25 or

1 “(iii) the use of the Department of De-
2 fense property would interfere with the ongoing
3 military mission of the property.”.

4 **SEC. 2819. IMPROVED PROCESS FOR DISPOSAL OF DEPART-**
5 **MENT OF DEFENSE SURPLUS REAL PROP-**
6 **ERTY LOCATED OVERSEAS.**

7 (a) PETITION TO ACQUIRE SURPLUS PROPERTY.—
8 2687a of title 10, United States Code, is amended—

9 (1) by redesignating subsection (g) as sub-
10 section (h); and

11 (2) by inserting after subsection (f) the fol-
12 lowing new subsection:

13 “(g) PETITION PROCESS FOR DISPOSAL OF OVER-
14 SEAS SURPLUS REAL PROPERTY.—(1) The Secretary of
15 Defense shall establish a process by which a foreign gov-
16 ernment may request the transfer of surplus real property
17 or improvements under the jurisdiction of the Department
18 of Defense in the foreign country.

19 “(2) Upon the receipt of a petition under this sub-
20 section, the Secretary shall determine within 90 days
21 whether the property or improvement subject to the peti-
22 tion is surplus. If surplus, the Secretary shall seek to enter
23 into an agreement with the foreign government within one
24 year for the disposal of the property.

1 “(3) If real property or an improvement is deter-
2 mined not to be surplus, the Secretary shall not be obli-
3 gated to consider another petition involving the same
4 property or improvement for five years beginning on the
5 date on which the initial determination was made.”.

6 (b) ADDITIONAL USE OF DEPARTMENT OF DEFENSE
7 OVERSEAS MILITARY FACILITY INVESTMENT RECOVERY
8 ACCOUNT.—Section 2687a(b) of title 10, United States
9 Code, is amended—

10 (1) in paragraph (1), by inserting “property
11 disposal agreement,” after “forces agreement,”; and

12 (2) in paragraph (2)—

13 (A) by striking “and” at the end of sub-
14 paragraph (A);

15 (B) by striking the period at the end of
16 subparagraph (B) and inserting “; and”; and

17 (C) by adding at the end the following new
18 subparagraph:

19 “(C) military readiness programs.”.

20 (c) REPORTING REQUIREMENT.—Section 2687a(a)
21 of title 10, United States Code, is amended by adding at
22 the end the following new paragraph:

23 “(3) A report under paragraph (1) also shall specify
24 the following:

1 “(A) The number of petitions received under
2 subsection (g) from foreign governments requesting
3 the transfer of surplus real property or improve-
4 ments under the jurisdiction of the Department of
5 Defense overseas.

6 “(B) The status of each petition, including
7 whether reviewed, denied, or granted.

8 “(C) The implementation status of each grant-
9 ed petition.”.

10 **Subtitle C—Land Conveyances**

11 **SEC. 2821. LAND EXCHANGE, NAVAL INDUSTRIAL RESERVE** 12 **ORDNANCE PLANT, SUNNYVALE, CALI-** 13 **FORNIA.**

14 (a) LAND EXCHANGE AUTHORIZED.—The Secretary
15 of the Navy may convey to an entity (in this section re-
16 ferred to as the “Exchange Entity”) all right, title, and
17 interest of the United States in and to the parcel of real
18 property, including improvements thereon, comprising the
19 Naval Industrial Reserve Ordnance Plant (NIROP) lo-
20 cated in Sunnyvale, California in exchange for—

21 (1) real property, including improvements
22 thereon, that will replace the NIROP and meet the
23 readiness requirements of the Department of the
24 Navy, as determined by the Secretary; and

1 (2) relocation of contractor and Government
2 personnel and equipment from the NIROP to the re-
3 placement facilities.

4 (b) LAND EXCHANGE AGREEMENT.—

5 (1) IN GENERAL.—The exchange authorized
6 under subsection (a) shall be governed by a land ex-
7 change agreement that identifies the property to be
8 exchanged (including improvements thereon), the
9 time period in which the exchange will occur, and
10 the roles and responsibilities of the Secretary and
11 the Exchange Entity in carrying out the exchange.

12 (2) COMPLIANCE WITH ENVIRONMENTAL
13 LAWS.—Nothing in this section shall be construed to
14 affect or limit the application of, or any obligation
15 to comply with, any environmental law, including the
16 Comprehensive Environmental Response, Compensa-
17 tion, and Liability Act of 1980 (42 U.S.C. 9601).

18 (c) VALUATION; CASH EQUALIZATION PAYMENT IF
19 NIROP VALUE EXCEEDS VALUE OF EXCHANGED PROP-
20 erty.—

21 (1) VALUATION.—The values of the properties
22 to be exchanged by the Secretary and the Exchange
23 Entity under subsection (a) (including improvements
24 thereon) shall be determined by an independent ap-
25 praiser selected by the Secretary, and in accordance

1 with the Uniform Appraisal Standards for Federal
2 Land Acquisitions and the Uniform Standards of
3 Professional Appraisal Practice.

4 (2) CASH EQUALIZATION PAYMENT.—If, as de-
5 termined in accordance with paragraph (1), the
6 value of the NIROP is greater than the combination
7 of the value of the property to be conveyed by the
8 Exchange Entity under subsection (a) and the relo-
9 cation costs covered by the Exchange Entity under
10 such subsection, the Exchange Entity shall make a
11 cash equalization payment to the Secretary to equal-
12 ize the values. Nothing in this paragraph may be
13 construed to require the Secretary to make a cash
14 equalization payment to the Exchange Entity if the
15 value of the property to be conveyed by the Ex-
16 change Entity and the relocation costs covered by
17 the Exchange Entity are greater than the value of
18 the NIROP.

19 (d) PAYMENT OF COSTS OF CONVEYANCE.—The Sec-
20 retary shall require the Exchange Entity to pay costs in-
21 curred by the Department of the Navy to carry out the
22 exchange authorized under subsection (a), including costs
23 incurred for land surveys, environmental documentation,
24 the review of replacement facilities design, real estate due
25 diligence (including appraisals), preparing and executing

1 the agreement described in subsection (b), and any other
2 administrative costs related to the exchange. If amounts
3 are collected from the Exchange Entity in advance of the
4 Secretary incurring the actual costs and the amount col-
5 lected exceeds the costs actually incurred by the Secretary
6 to carry out the exchange under subsection (a), the Sec-
7 retary shall refund the excess amount to the Exchange
8 Entity.

9 (e) TREATMENT OF AMOUNTS RECEIVED.—Amounts
10 received under subsections (a), (c)(2), and (d) shall be
11 used in accordance with section 2695(e) of title 10, United
12 States Code.

13 (f) DESCRIPTION OF PROPERTY.—The exact legal de-
14 scription of the property, including acreage, to be ex-
15 changed under subsection (a) shall be determined by sur-
16 veys satisfactory to the Secretary.

17 (g) RELATION TO OTHER MILITARY CONSTRUCTION
18 REQUIREMENTS.—

19 (1) EXCLUSION FROM TREATMENT AS MILITARY
20 CONSTRUCTION PROJECT.—The acquisition or dis-
21 position of any property pursuant to the exchange
22 authorized under subsection (a) shall not be treated
23 as a military construction project for which an au-
24 thorization is required by section 2802 of title 10,

1 United States Code, or for which reporting is re-
2 quired by section 2662 of such title.

3 (2) EXCLUSION OF REQUIREMENT FOR PRIOR
4 SCREENING BY GENERAL SERVICES ADMINISTRATION
5 FOR ADDITIONAL FEDERAL USE.—Section 2696(b)
6 of title 10, United States Code, does not apply to
7 the conveyance of any real property pursuant to the
8 exchange authorized under subsection (a).

9 (h) ADDITIONAL TERMS AND CONDITIONS.—The
10 Secretary may require such additional terms and condi-
11 tions in connection with the exchange authorized under
12 subsection (a) as the Secretary considers appropriate to
13 protect the interests of the United States.

14 (i) SUNSET.—The authority provided to the Sec-
15 retary to carry out the exchange under subsection (a) shall
16 expire on October 1, 2023.

17 **SEC. 2822. LAND CONVEYANCE, NAVAL SHIP REPAIR FACIL-**
18 **ITY, GUAM.**

19 (a) CONVEYANCE.—Not later than 1 year after the
20 date of the enactment of this Act, the Secretary of the
21 Navy shall convey, without consideration, to the Guam
22 Economic Development Authority (hereafter referred to as
23 the “Authority”) all right, title, and interest of the United
24 States in and to the real property (including improvements
25 thereon and related personal property) consisting of the

1 former Naval Ship Repair Facility in Guam, as identified
2 under the base realignment and closure authority carried
3 out under the Defense Base Closure and Realignment Act
4 of 1990 (part A of title XXIX of Public Law 101-510;
5 10 U.S.C. 2687 note), for purposes of providing support
6 for ship repair and other military maintenance require-
7 ments.

8 (b) REVERSIONARY INTEREST.—If the Secretary of
9 the Navy determines at any time that the property con-
10 veyed under subsection (a) is not being used in accordance
11 with the purpose of the conveyance specified in such sub-
12 section, all right, title, and interest in and to such prop-
13 erty, including any improvements thereto, shall, at the op-
14 tion of the Secretary, revert to and become the property
15 of the United States, and the United States shall have
16 the right of immediate entry onto such real property. A
17 determination by the Secretary under this subsection shall
18 be made on the record after an opportunity for a hearing.

19 (c) PAYMENT OF COSTS OF CONVEYANCE.—The Sec-
20 retary of the Navy shall be responsible for the costs of
21 carrying out the conveyance under subsection (a), includ-
22 ing survey costs, costs for environmental documentation
23 and remediation, and any other administrative costs re-
24 lated to the conveyance.

1 (c) DESCRIPTION OF PROPERTY.—The exact acreage
2 and legal description of the property to be conveyed under
3 subsection (a) shall be determined as set forth in the Envi-
4 ronmental Impact Statement for the Relocation of U.S.
5 Marine Corps Forces to Guam, as completed by the Sec-
6 retary of the Navy in September 2010.

7 (d) ADDITIONAL TERMS AND CONDITIONS.—The
8 Secretary of the Navy may require such additional terms
9 and conditions in connection with the conveyance under
10 subsection (a) as the Secretary considers appropriate to
11 protect the interests of the United States and to ensure
12 that the property conveyed is used in accordance with the
13 purpose of the conveyance.

14 **SEC. 2823. LAND CONVEYANCE, MOUNTAIN HOME AIR**
15 **FORCE BASE, IDAHO.**

16 (a) CONVEYANCE AUTHORIZED.—The Secretary of
17 the Air Force may convey to the City of Mountain Home,
18 Idaho (in this section referred to as the “City”) all right,
19 title, and interest of the United States in and to a parcel
20 of real property, including improvements thereon, con-
21 sisting of approximately 4.25 miles of railroad spur lo-
22 cated near Mountain Home Air Force Base, Idaho, as fur-
23 ther described in subsection (c), for the purpose of eco-
24 nomic development.

25 (b) CONSIDERATION.—

1 (1) CONSIDERATION REQUIRED.—As consider-
2 ation for the land conveyed under subsection (a), the
3 City shall pay to the Secretary an amount equal to
4 the fair market value of the land, as determined by
5 an appraisal approved by the Secretary. The City
6 shall provide an amount that is acceptable to the
7 Secretary, whether by cash payment, in-kind consid-
8 eration as described under paragraph (2), or a com-
9 bination thereof.

10 (2) IN-KIND CONSIDERATION.—In-kind consid-
11 eration provided by the City under paragraph (1)
12 may include the acquisition, construction, provision,
13 improvement, maintenance, repair, or restoration
14 (including environmental restoration), or combina-
15 tion thereof, of any facility or infrastructure under
16 the jurisdiction of the Secretary.

17 (3) TREATMENT OF CONSIDERATION RE-
18 CEIVED.—Consideration in the form of cash pay-
19 ment received by the Secretary under paragraph (1)
20 shall be deposited in the separate fund in the Treas-
21 ury described in section 572(a)(1) of title 40, United
22 States Code.

23 (c) MAP AND LEGAL DESCRIPTION.—

24 (1) IN GENERAL.—As soon as practicable after
25 the date of the enactment of this Act, the Secretary

1 of the Air Force shall publish a final map and legal
2 description of the property to be conveyed under
3 subsection (a), except that the Secretary may correct
4 minor errors in the map and legal description after
5 its initial publication.

6 (2) AVAILABILITY.—The map and legal descrip-
7 tion under this subsection shall be on file and avail-
8 able for public inspection.

9 (d) PAYMENT OF COSTS OF CONVEYANCE.—

10 (1) PAYMENT AUTHORIZED.—The Secretary of
11 the Air Force may require the City to cover the
12 costs to be incurred by the Secretary, or to reim-
13 burse the Secretary for the costs incurred by the
14 Secretary, in carrying out the conveyance under sub-
15 section (a), including survey costs, the costs of envi-
16 ronmental documentation, and other administrative
17 costs relating to the conveyance (other than costs for
18 environmental remediation of the property con-
19 veyed). If amounts are collected from the City in ad-
20 vance of the Secretary incurring the actual costs,
21 and the amount collected exceeds the costs actually
22 incurred by the Secretary to carry out the convey-
23 ance, the Secretary shall refund the excess amount
24 to the City.

1 (2) TREATMENT OF AMOUNTS RECEIVED.—

2 Amounts received under paragraph (1) as reim-
3 bursement for costs incurred by the Secretary to
4 carry out the conveyance under subsection (a) shall
5 be credited to the fund or account that was used to
6 cover the costs incurred by the Secretary in carrying
7 out the conveyance, or to an appropriate fund or ac-
8 count currently available to the Secretary for the
9 purposes for which the costs were paid. Amounts so
10 credited shall be merged with amounts in such fund
11 or account and shall be available for the same pur-
12 poses, and subject to the same conditions and limita-
13 tions, as amounts in such fund or account.

14 (e) RESERVATION OF USE BY SECRETARY.—After
15 the conveyance under subsection (a), the City shall allow
16 the Secretary of the Air Force to temporarily use, for ur-
17 gent reasons of national defense and at no cost to the Sec-
18 retary, all or a portion of the property conveyed under sub-
19 section (a).

20 (f) ADDITIONAL TERMS AND CONDITIONS.—The Sec-
21 retary of the Air Force may require such additional terms
22 and conditions in connection with the conveyance under
23 subsection (a) as the Secretary considers appropriate to
24 protect the interests of the United States.

1 **SEC. 2824. LEASE OF REAL PROPERTY TO THE UNITED**
2 **STATES NAVAL ACADEMY ALUMNI ASSOCIA-**
3 **TION AND NAVAL ACADEMY FOUNDATION AT**
4 **UNITED STATES NAVAL ACADEMY, ANNAP-**
5 **OLIS, MARYLAND.**

6 (a) **AUTHORITY.**—The Secretary of the Navy may
7 lease approximately 3 acres at the United States Naval
8 Academy in Annapolis, Maryland to the United States
9 Naval Academy Alumni Association Inc. and the United
10 States Naval Academy Foundation Inc. (hereafter referred
11 to as the “lessees”), for the purpose of enabling the lessees
12 to construct, operate, and maintain the Alumni Associa-
13 tion and Foundation Center.

14 (b) **DURATION OF LEASE.**—At the option of the Sec-
15 retary of the Navy, the lease entered into under this sec-
16 tion shall be in effect for 50 years. Upon the expiration
17 of the lease, the Secretary may extend the lease for such
18 additional period as the Secretary may determine.

19 (c) **PAYMENTS UNDER LEASE.**—

20 (1) **AMOUNT OF PAYMENTS BASED ON FAIR**
21 **MARKET VALUE.**—The Secretary of the Navy shall
22 require the lessees to make payments under the
23 lease entered into under this section, in cash or in
24 the form of in-kind consideration, in an amount and
25 form that reflects the fair market value of the lease
26 as determined by the Secretary.

1 (2) PAYMENTS IN THE FORM OF IN-KIND CON-
2 SIDERATION.—

3 (A) TIMING.—To the extent that the les-
4 sees make payments under the lease in the form
5 of in-kind consideration, such consideration
6 may be paid as a lump-sum payment for the en-
7 tire lease term, or any part thereof, or in an-
8 nual installments.

9 (B) DESCRIPTION OF IN-KIND CONSIDER-
10 ATION.—The in-kind consideration paid under
11 the lease—

12 (i) shall include the relocation of any
13 Naval Support Activity Annapolis func-
14 tions presently located on the land to be
15 leased to alternate locations deemed suffi-
16 cient by the Secretary; and

17 (ii) may include annual support (in-
18 cluding cash, real property, or personal
19 property) provided by the lessees after the
20 date the lease is executed, to be used for
21 the benefit of, or for use in connection
22 with, the Naval Academy.

23 (d) RETENTION AND USE OF FUNDS.—Funds re-
24 ceived under the lease entered into under this section may
25 be retained for use in support of the Naval Academy and

1 to cover expenses incurred by the Secretary of the Navy
2 in managing the lease.

3 (e) LEASEBACK PROHIBITED.—During the period in
4 which the lease entered into under this section is in effect,
5 the Secretary of the Navy may not lease any of the space
6 constructed by the lessees on the property leased under
7 this section.

8 (f) PAYMENT OF COSTS OF ENTERING INTO AND
9 MANAGING LEASE.—

10 (1) PAYMENT REQUIRED.—The Secretary of
11 the Navy shall require the lessees to cover the costs
12 to be incurred by the Secretary, or to reimburse the
13 Secretary for such costs incurred by the Secretary,
14 in entering into and managing the lease under this
15 section, including survey costs, costs for environ-
16 mental documentation, and any other administrative
17 costs related to the lease (as defined in section 2667
18 of title 10, United States Code). Any expenses in-
19 curred by the lessees pursuant to this provision may
20 be considered in-kind consideration for purposes of
21 subsection (c)(2) and may be credited against any
22 payments due during the term of the lease.

23 (2) TREATMENT OF AMOUNTS RECEIVED.—
24 Amounts received as reimbursement under para-
25 graph (1) shall be credited to the fund or account

1 that was used to cover those costs incurred by the
2 Secretary in entering into and managing the lease.
3 Amounts so credited shall be merged with amounts
4 in such fund or account, and shall be available for
5 the same purposes, and subject to the same condi-
6 tions and limitations, as amounts in such fund or
7 account. If amounts are collected from the lessees in
8 advance of the Secretary incurring the actual costs,
9 and the amount collected exceeds the costs actually
10 incurred by the Secretary in entering into and man-
11 aging the lease, the Secretary may refund the excess
12 amount to the lessees.

13 (g) DESCRIPTION OF PROPERTY.—The exact acreage
14 and legal description of the property to be leased under
15 this section shall be determined by a survey satisfactory
16 to the Secretary of the Navy, and may include property
17 currently used for public purposes.

18 (h) ADDITIONAL TERMS AND CONDITIONS.—The
19 Secretary of the Navy may require such additional terms
20 and conditions in connection with the lease entered into
21 under this section as the Secretary considers appropriate
22 to protect the interests of the United States.

1 **SEC. 2825. LAND CONVEYANCE, NATICK SOLDIER SYSTEMS**
2 **CENTER, MASSACHUSETTS.**

3 (a) CONVEYANCE AUTHORIZED.—The Secretary of
4 the Army may sell and convey all right, title, and interest
5 of the United States in and to parcels of real property,
6 consisting of approximately 98 acres and improvements
7 thereon, located in the vicinity of Hudson, Wayland, and
8 Needham, Massachusetts, that are the sites of military
9 family housing supporting military personnel assigned to
10 the United States (U.S.) Army Natick Soldier Systems
11 Center.

12 (b) COMPETITIVE SALE REQUIREMENT.—The Sec-
13 retary shall use competitive procedures for the sale author-
14 ized by subsection (a).

15 (c) CONSIDERATION.—

16 (1) CONSIDERATION REQUIRED.—The Sec-
17 retary shall require as consideration for conveyance
18 under subsection (a), tendered by cash payment, an
19 amount equal to no less than the fair market value,
20 as determined by the Secretary, of the real property
21 and any improvements thereon.

22 (2) CASH PAYMENTS.—

23 (A) CASH PAYMENTS DEPOSITED IN A SPE-
24 CIAL ACCOUNT.—Cash payments provided as
25 consideration under this subsection shall be de-

1 posited in a special account in the Treasury es-
2 tablished for the Secretary.

3 (B) USE OF FUNDS IN SPECIAL AC-
4 COUNT.—The Secretary is authorized to use
5 funds deposited in the special account estab-
6 lished under subparagraph (A) for—

7 (i) demolition of existing military fam-
8 ily housing on the U.S. Army Natick Sol-
9 dier Systems Center (other than housing
10 on property conveyed under subsection (a))
11 that the Secretary determines necessary to
12 accommodate construction of military fam-
13 ily housing or unaccompanied soldier hous-
14 ing to support military personnel assigned
15 to the U.S. Army Natick Soldier Systems
16 Center;

17 (ii) construction or rehabilitation of
18 military family housing or unaccompanied
19 soldier housing to support military per-
20 sonnel assigned to the U.S. Army Natick
21 Soldier Systems Center; or

22 (iii) construction of ancillary sup-
23 porting facilities (as that term is defined in
24 section 2871(1) of title 10, United States
25 Code) to support military personnel as-

1 signed to the U.S. Army Natick Soldier
2 Systems Center.

3 (C) CASH CONSIDERATION NOT USED
4 PRIOR TO OCTOBER 1, 2025.—Cash payments
5 provided as consideration under this subsection
6 that are received by the Secretary and not used
7 by the Secretary for purposes authorized by
8 subparagraph (B) prior to October 1, 2025,
9 shall be transferred to an account in the Treas-
10 ury established pursuant to section 2883 of title
11 10, United States Code.

12 (d) DESCRIPTION OF PARCELS.—The exact acreage
13 and legal description of the parcels to be conveyed under
14 subsection (a) shall be determined by a survey that is sat-
15 isfactory to the Secretary. The cost of the survey shall be
16 borne by the recipient of the parcels.

17 (e) ADDITIONAL TERMS AND CONDITIONS.—The
18 Secretary may require such additional terms and condi-
19 tions in connection with the conveyance under subsection
20 (a) as the Secretary considers appropriate to protect the
21 interests of the United States.

22 (f) INAPPLICABILITY OF CERTAIN PROVISIONS OF
23 LAW.—The conveyance of property under this section
24 shall not be subject to section 2696 of title 10, United
25 States Code.

1 (g) DEFINITION OF SECRETARY.—In this section the
2 term “Secretary” means the Secretary of the Army.

3 **SEC. 2826. IMPOSITION OF ADDITIONAL CONDITIONS ON**
4 **LAND CONVEYANCE, CASTNER RANGE, FORT**
5 **BLISS, TEXAS.**

6 Section 2844 of the Military Construction Authoriza-
7 tion Act for Fiscal Year 2013 (division B of Public Law
8 112–239; 126 Stat. 2157) is amended by adding at the
9 end the following new subsection:

10 “(e) ADDITIONAL CONDITIONS ON ANY CONVEYANCE
11 OF CASTNER RANGE.—

12 “(1) CONDITIONS.—The real property described
13 in subsection (a) may not be conveyed to the De-
14 partment or any other governmental, public, or pri-
15 vate entity unless the recipient agrees—

16 “(A) to prohibit the commercial develop-
17 ment of the real property; and

18 “(B) to conserve and protect the ecological,
19 scenic, wildlife, recreational, cultural, historical,
20 natural, educational, and scientific resources of
21 the real property.

22 “(2) RECONVEYANCE TO PUBLIC LAND
23 TRUST.—The conditions imposed by paragraph (1)
24 do not prevent the recipient of real property de-
25 scribed in subsection (a) from conveying all or a por-

1 tion of the real property to a public land trust so
2 long as the public land trust agrees to comply with
3 such conditions.

4 “(3) CONVEYANCE DEFINED.—In this sub-
5 section, the term ‘convey’ includes any transfer of
6 administrative jurisdiction over the real property de-
7 scribed in subsection (a) to another Federal agen-
8 cy.”.

9 **SEC. 2827. REMOVAL OF CERTAIN DEED RESTRICTIONS**
10 **AND REVERSIONS ASSOCIATED WITH CON-**
11 **VEYANCE OF PROPERTY OF FORMER DE-**
12 **ENSE DEPOT OGDEN, UTAH.**

13 (a) NEGOTIATIONS TO REMOVE RESTRICTIONS AND
14 REVERSIONS.—As soon as practicable after the date of the
15 enactment of this Act, the Secretary of the Interior shall
16 enter into negotiations with the City of Ogden, Utah, and
17 Weber County, Utah, on agreements to remove deed re-
18 strictions and reversionary provisions on the remaining
19 property of the former Defense Depot Ogden.

20 (b) CONTENTS OF AGREEMENT.—The agreements
21 entered into pursuant to subsection (a) shall include such
22 terms and conditions as may be agreed to by the Secretary
23 of the Interior and the City of Ogden and Weber County
24 (as the case may be), except that the following terms and
25 conditions shall apply:

1 (1) The Secretary may not remove the deed re-
2 strictions and reversionary provisions on the prop-
3 erty of the former Defense Depot Ogden until there
4 is a ratified agreement between the Secretary and
5 the City of Ogden or Weber County (as the case
6 may be) to encumber other specific properties owned
7 by the City or County with the same appropriate re-
8 versionary interests in favor of the United States as
9 are in effect with respect to the property of the
10 former Defense Depot Ogden as of the date of the
11 enactment of this Act.

12 (2) The properties of the City of Ogden or
13 Weber County (as the case may be) that are encum-
14 bered pursuant to paragraph (1) shall have approxi-
15 mately equal value to the property of the former De-
16 fense Depot Ogden for which the deed restrictions
17 and reversionary provisions are removed under the
18 agreement.

19 (3) The City of Ogden and Weber County shall
20 pay the costs (except any costs for environmental re-
21 mediation of the property) to be incurred by the Sec-
22 retary, or to reimburse the Secretary for such rea-
23 sonable and customary administrative expenses in-
24 curred by the Secretary, to carry out the agreement
25 with respect to the City or County (as the case may

1 be), including survey and appraisal costs. If amounts
2 are collected from the City of Ogden or Weber Coun-
3 ty in advance of the Secretary incurring the actual
4 costs, and the amount collected exceeds the costs ac-
5 tually incurred by the Secretary to carry out the
6 agreement with respect to the City or County, the
7 Secretary shall refund the excess amount to the City
8 or County.

9 **SEC. 2828. LAND CONVEYANCE, WASATCH-CACHE NA-**
10 **TIONAL FOREST, RICH COUNTY, UTAH.**

11 (a) LAND CONVEYANCE AUTHORIZED.—Not later
12 than 6 months after the date of the enactment of this sec-
13 tion, the Secretary of Agriculture shall convey, without
14 consideration, to the Utah State University Research
15 Foundation (in this section referred to as the “Founda-
16 tion”) all right, title, and interest of the United States
17 in and to a parcel of real property consisting of approxi-
18 mately 80 acres, including improvements thereon, located
19 outside of the boundaries of the Wasatch-Cache National
20 Forest in Rich County, Utah, within Sections 19 and 30,
21 Township 14 North, Range 5 East, Salt Lake Base and
22 Meridian for the purpose of permitting the Foundation to
23 use the property for scientific and educational purposes.

24 (b) REVERSIONARY INTEREST.—If the Secretary of
25 Agriculture determines at any time that the real property

1 conveyed under subsection (a) is not being used in accord-
2 ance with the purpose of the conveyance specified in such
3 subsection, all right, title, and interest in and to such real
4 property, including any improvements thereto, shall, at the
5 option of the Secretary, revert to and become the property
6 of the United States, and the United States shall have
7 the right of immediate entry onto such real property. A
8 determination by the Secretary under this subsection shall
9 be made on the record after an opportunity for a hearing.

10 (c) PAYMENT OF COSTS OF CONVEYANCE.—

11 (1) PAYMENT REQUIRED.—The Secretary of
12 Agriculture shall require the Foundation to cover the
13 costs (except any costs for environmental remedi-
14 ation of the property) to be incurred by the Sec-
15 retary, or to reimburse the Secretary for such costs
16 incurred by the Secretary, to carry out the convey-
17 ance under subsection (a), including survey costs,
18 costs for environmental documentation, and any
19 other administrative costs related to the conveyance.
20 If amounts are collected from the Foundation in ad-
21 vance of the Secretary incurring the actual costs,
22 and the amount collected exceeds the costs actually
23 incurred by the Secretary to carry out the convey-
24 ance, the Secretary shall refund the excess amount
25 to the Foundation.

1 (2) TREATMENT OF AMOUNTS RECEIVED.—

2 Amounts received as reimbursement under para-
 3 graph (1) shall be credited to the fund or account
 4 that was used to cover those costs incurred by the
 5 Secretary in carrying out the conveyance. Amounts
 6 so credited shall be merged with amounts in such
 7 fund or account, and shall be available for the same
 8 purposes, and subject to the same conditions and
 9 limitations, as amounts in such fund or account.

10 (d) DESCRIPTION OF PROPERTY.—The exact acreage
 11 and legal description of the property to be conveyed under
 12 subsection (a) shall be determined by a survey satisfactory
 13 to the Secretary of Agriculture.

14 (e) ADDITIONAL TERMS AND CONDITIONS.—The
 15 Secretary of Agriculture may require such additional
 16 terms and conditions in connection with the conveyance
 17 under subsection (a) as the Secretary considers appro-
 18 priate to protect the interests of the United States.

19 **SEC. 2829. LAND CONVEYANCE, FORMER MISSILE ALERT**
 20 **FACILITY KNOWN AS QUEBEC-01, LARAMIE**
 21 **COUNTY, WYOMING.**

22 (a) CONVEYANCE AUTHORIZED.—The Secretary of
 23 the Air Force may convey, without consideration, to the
 24 State of Wyoming (in this section referred to as the
 25 “State”), all right, title, and interest of the United States

1 in and to the real property, including any improvements
2 thereon, consisting of the former Missile Alert Facility
3 (MAF) known as “Quebec-01,” located in Laramie Coun-
4 ty, Wyoming, for the purpose of operating a historical site,
5 interpretive center, or museum.

6 (b) PAYMENT OF COSTS OF CONVEYANCE.—

7 (1) PAYMENT REQUIRED.—Subject to para-
8 graph (2), the Secretary of the Air Force shall re-
9 quire the State to cover costs to be incurred by the
10 Secretary, or to reimburse the Secretary for such
11 costs incurred by the Secretary, to carry out the
12 conveyance under subsection (a), including survey
13 costs, costs for environmental documentation, and
14 any other administrative costs related to the convey-
15 ance. If amounts are collected from the State in ad-
16 vance of the Secretary incurring the actual costs,
17 and the amount collected exceeds the costs actually
18 incurred by the Secretary to carry out the convey-
19 ance, the Secretary shall refund the excess amount
20 to the State.

21 (2) LIMITATION ON PAYMENT OF COSTS BY
22 STATE.—

23 (A) LIMITATION.—Paragraph (1) shall
24 apply only with respect to the costs the State
25 agrees to cover under the Programmatic Agree-

1 ment described in subparagraph (B), as such
2 Agreement is in effect at the time of the pay-
3 ment of the costs.

4 (B) PROGRAMMATIC AGREEMENT DE-
5 SCRIBED.—The Programmatic Agreement de-
6 scribed in this subparagraph is the Pro-
7 grammatic Agreement between Francis E. War-
8 ren Air Force Base, and the Wyoming State
9 Historic Preservation Officer, Regarding the
10 Implementation of the Strategic Arms Reduc-
11 tion Treaty at Francis E. Warren Air Force
12 Base Cheyenne, Laramie County, Wyoming.

13 (3) TREATMENT OF AMOUNTS RECEIVED.—
14 Amounts received as reimbursement under para-
15 graph (1) shall be credited to the fund or account
16 that was used to cover those costs incurred by the
17 Secretary in carrying out the conveyance, or if such
18 fund or account has expired at the time of credit, to
19 an appropriate appropriation, fund, or account cur-
20 rently available to the Secretary for the purposes for
21 which the costs were paid. Amounts so credited shall
22 be merged with amounts in such appropriation,
23 fund, or account, and shall be available for the same
24 purpose, and subject to the same conditions and lim-
25 itations, as amounts in such fund or account.

1 (c) DESCRIPTION OF PROPERTY.—The exact acreage
2 and legal description of the property to be conveyed under
3 subsection (a) shall be determined by a survey satisfactory
4 to the Secretary of the Air Force.

5 (d) REVERSIONARY INTEREST.—If the Secretary of
6 the Air Force determines at any time that the real prop-
7 erty conveyed under subsection (a) is not being used in
8 accordance with the purpose of the conveyance specified
9 in subsection (a), all right, title, and interest in and to
10 such real property, including any improvements thereto,
11 shall, at the option of the Secretary, revert to and become
12 the property of the United States, and the United States
13 shall have the right of immediate entry onto such real
14 property. A determination by the Secretary under this
15 subsection shall be made on the record after an oppor-
16 tunity for a hearing.

17 (e) ADDITIONAL TERMS.—The Secretary of the Air
18 Force may require such additional terms and conditions
19 in connection with the conveyance as the Secretary con-
20 sidered appropriate to protect the interests of the United
21 States.

1 **Subtitle D—Military Land**
2 **Withdrawals**

3 **SEC. 2831. INDEFINITE DURATION OF CERTAIN MILITARY**
4 **LAND WITHDRAWALS AND RESERVATIONS**
5 **AND IMPROVED MANAGEMENT OF WITH-**
6 **DRAWN AND RESERVED LANDS.**

7 (a) IMPROVING MANAGEMENT OF CURRENT STATU-
8 TORY LAND WITHDRAWALS AND RESERVATIONS AND
9 MAKING MANAGEMENT MORE TRANSPARENT.—

10 (1) ROLE OF SECRETARY OF THE INTERIOR.—

11 Section 101(a)(2) of the Sikes Act (16 U.S.C.
12 670a(a)(2)) is amended by striking “, acting
13 through the Director of the United States Fish and
14 Wildlife Service,”.

15 (2) ADDITIONAL ELEMENTS OF INTEGRATED
16 NATURAL RESOURCES MANAGEMENT PLAN.—Section
17 101(b) of the Sikes Act (16 U.S.C. 670a(b)) is
18 amended—

19 (A) in paragraph (1)—

20 (i) in subparagraph (I), by striking
21 “and” after the semicolon;

22 (ii) by redesignating subparagraph (J)
23 as subparagraph (K); and

24 (iii) by inserting after subparagraph
25 (I) the following new subparagraph:

1 “(J) procedures to ensure that each peri-
2 odic review of the plan is conducted jointly by
3 the Secretary of the military department and
4 the Secretary of the Interior, and that affected
5 States and Indian tribes, and the public, are
6 provided a meaningful opportunity to comment
7 upon any substantial revisions to the plan that
8 may be proposed; and”;

9 (B) by redesignating paragraphs (2) and
10 (3) as paragraphs (3) and (4), respectively; and

11 (C) by inserting after paragraph (1) the
12 following new paragraph:

13 “(2) shall contain a determination by the Sec-
14 retary of the military department regarding whether
15 there will be a continuing military need for the lands
16 covered by the integrated natural resources manage-
17 ment plan during the period of the plan;”.

18 (b) EL CENTRO NAVAL AIR FACILITY RANGES.—

19 (1) ELIMINATION OF TERMINATION DATE AND
20 CONFORMING AMENDMENTS.—The El Centro Naval
21 Air Facility Ranges Withdrawal Act (subtitle B of
22 title XXIX of Public Law 104–201; 110 Stat. 2813)
23 is amended—

1 (A) in section 2921(b)(3), by striking “,
2 before the termination date specified in section
3 2925,”;

4 (B) in section 2924(a), by striking the
5 third sentence;

6 (C) by striking sections 2925 and 2927;
7 and

8 (D) in section 2928(a), by striking “speci-
9 fied in section 2925”.

10 (2) ESTABLISHMENT OF INTERGOVERNMENTAL
11 EXECUTIVE COMMITTEE.—The El Centro Naval Air
12 Facility Ranges Withdrawal Act (subtitle B of title
13 XXIX of Public Law 104–201; 110 Stat. 2813) is
14 further amended by inserting after section 2924 the
15 following new section:

16 **“SEC. 2925. INTERGOVERNMENTAL EXECUTIVE COM-
17 MITTEE.**

18 “(a) ESTABLISHMENT AND PURPOSE.—The Sec-
19 retary of the Navy and the Secretary of the Interior shall
20 establish, by memorandum of understanding, an intergov-
21 ernmental executive committee for the sole purpose of ex-
22 changing views, information, and advice relating to the
23 management of the natural and cultural resources of the
24 lands withdrawn and reserved under this subtitle.

25 “(b) COMPOSITION.—

1 “(1) REPRESENTATIVES OF OTHER FEDERAL
2 AGENCIES.—The Secretary of the Navy and the Sec-
3 retary of the Interior shall include representatives
4 from interested Federal agencies as members of the
5 intergovernmental executive committee.

6 “(2) REPRESENTATIVES OF STATE AND LOCAL
7 GOVERNMENTS.—The Secretary of the Navy and the
8 Secretary of the Interior shall invite to serve as
9 members of the intergovernmental executive com-
10 mittee—

11 “(A) at least one elected officer (or other
12 authorized representative) from the government
13 of the State of California; and

14 “(B) at least one elected officer (or other
15 authorized representative) from each local gov-
16 ernment and Indian tribal government in the vi-
17 cinity of the withdrawn and reserved lands, as
18 determined by the Secretaries.

19 “(c) OPERATION.—The intergovernmental executive
20 committee shall operate in accordance with the terms set
21 forth in the memorandum of understanding under sub-
22 section (a).

23 “(d) PROCEDURES.—The memorandum of under-
24 standing under subsection (a) shall establish procedures
25 for creating a forum for exchanging views, information,

1 and advice relating to the management of natural and cul-
2 tural resources on the lands withdrawn and reserved under
3 this subtitle, procedures for rotating the chair of the inter-
4 governmental executive committee, and procedures for
5 scheduling regular meetings, which shall occur no less fre-
6 quently than twice a year.

7 “(e) COORDINATOR.—The Secretary of the Navy, in
8 consultation with the Secretary of the Interior, shall ap-
9 point an individual to serve as coordinator of the intergov-
10 ernmental executive committee. The duties of the coordi-
11 nator shall be included in the memorandum of under-
12 standing under subsection (a). The coordinator shall not
13 be a member of the committee.

14 “(f) FEDERAL ADVISORY COMMITTEE ACT.—The
15 Federal Advisory Committee Act (5 U.S.C. App.) does not
16 apply to the intergovernmental executive committee.”.

17 (3) DETERMINATION OF CONTINUING MILITARY
18 NEED FOR WITHDRAWAL AND RESERVATION AND
19 PUBLIC REPORTS.—The El Centro Naval Air Facil-
20 ity Ranges Withdrawal Act (subtitle B of title XXIX
21 of Public Law 104–201; 110 Stat. 2813) is further
22 amended by inserting after section 2926 the fol-
23 lowing new section:

1 **“SEC. 2927. DETERMINATION OF CONTINUING MILITARY**
2 **NEED FOR WITHDRAWAL AND RESERVATION**
3 **AND PUBLIC REPORTS.**

4 “(a) DETERMINATION OF CONTINUING MILITARY
5 NEED.—Whenever an integrated natural resources man-
6 agement plan covering the lands withdrawn and reserved
7 under this subtitle is reviewed as to operation and effect
8 as required by section 101(b)(3) of the Sikes Act (16
9 U.S.C. 670a(b)(2)), but not less often than every five
10 years, the Secretary of the Navy shall include the Sec-
11 retary’s determination regarding whether there will be a
12 continuing military need for any or all of the withdrawn
13 and reserved lands for the following five years.

14 “(b) PUBLIC REPORTS.—

15 “(1) CHANGES IN LAND CONDITIONS.—(A)
16 Concurrent with each review of an integrated nat-
17 ural resources management plan described in sub-
18 section (a), the Secretary of the Navy and the Sec-
19 retary of the Interior shall jointly prepare and issue
20 a report describing any changes in the condition of
21 the lands withdrawn and reserved under this subtitle
22 since the later of the date of any previous report
23 under this paragraph or the date of the environ-
24 mental analysis prepared to support the actions that
25 changed the condition of the lands.

1 “(B) A report under subparagraph (A) shall in-
2 clude a summary of current military use of the lands
3 withdrawn and reserved under this subtitle, any
4 changes in military use of the lands since the pre-
5 vious report, and efforts related to the management
6 of natural and cultural resources and environmental
7 remediation of the lands during the previous five
8 years.

9 “(2) COMBINATION WITH OTHER REPORTS.—A
10 report under this subsection may be combined with,
11 or incorporate by reference, any contemporary report
12 required by any other provision of law regarding the
13 lands withdrawn and reserved under this subtitle.

14 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
15 fore the finalization of a report under this sub-
16 section, the Secretary of the Navy and the Secretary
17 of the Interior shall invite interested members of the
18 public to review and comment on the report, and
19 shall hold at least one public meeting concerning the
20 report in a location or locations reasonably accessible
21 to persons who may be affected by management of
22 the lands withdrawn and reserved under this sub-
23 title.

24 “(B) Each public meeting under subparagraph
25 (A) shall be announced not less than 15 days before

1 the date of the meeting by advertisements in local
2 newspapers of general circulation, notices on the
3 internet, including the website of El Centro, and any
4 other means considered necessary or desirable by the
5 Secretaries.

6 “(4) DISTRIBUTION OF REPORT.—The final
7 version of a report under this subsection shall be
8 made available to the public and submitted to the
9 Committees on Armed Services and Energy and
10 Natural Resources of the Senate and the Commit-
11 tees on Armed Services and Natural Resources of
12 the House of Representatives.”.

13 (c) JUNIPER BUTTE RANGE.—

14 (1) ELIMINATION OF TERMINATION DATE AND
15 CONFORMING AMENDMENTS.—The Juniper Butte
16 Range Withdrawal Act (title XXIX of Public Law
17 105–261; 112 Stat. 2226) is amended—

18 (A) in section 2915—

19 (i) in the section heading, by striking
20 “**Duration**” and inserting “**Relin-**
21 **quishment**”;

22 (ii) in subsection (a), by striking
23 “TERMINATION.—” and all that follows
24 through “At the time of termination” and
25 inserting “EFFECT OF RELINQUISHMENT

1 ON OPERATION OF GENERAL LAND
2 LAWS.—Upon relinquishment of Depart-
3 ment of the Air Force jurisdiction over
4 lands withdrawn and reserved by this
5 title”;

6 (iii) in subsection (b)—

7 (I) in the subsection heading, by
8 inserting “PROCESS” after “RELIN-
9 QUISHMENT”;

10 (II) in paragraph (1), by striking
11 “under subsection (c)”;

12 (III) in paragraph (3), by strik-
13 ing “before the date of termination,
14 as provided for in subsection (a)(1)”;
15 and

16 (iv) by striking subsection (c); and

17 (B) in section 2916—

18 (i) in the section heading, by striking
19 “**or upon termination of with-**
20 **drawal**”;

21 (ii) in subsection (a)(1), by striking
22 “and in all cases not later than 2 years be-
23 fore the date of termination of withdrawal
24 and reservation,”;

1 (iii) in subsection (b), by striking “en-
2 vironmental remediation” and all that fol-
3 lows through the end of the subsection and
4 inserting “environmental remediation be-
5 fore relinquishing, to the Secretary of the
6 Interior, jurisdiction over any lands identi-
7 fied in a notice of intent to relinquish
8 under section 2915(b).”; and

9 (iv) in subsection (d)—

10 (I) in the subsection heading, by
11 striking “TERMINATES” and inserting
12 “RELINQUISHED”;

13 (II) by striking “termination
14 date” both places it appears and in-
15 serting “relinquishment date”; and

16 (III) in paragraph (2), by strik-
17 ing “termination” and inserting “re-
18 linquishment”.

19 (2) ESTABLISHMENT OF INTERGOVERNMENTAL
20 EXECUTIVE COMMITTEE.—Section 2910 of the Juni-
21 per Butte Range Withdrawal Act (title XXIX of
22 Public Law 105–261; 112 Stat. 2231) is amended
23 by adding at the end the following new subsection:

24 “(d) INTERGOVERNMENTAL EXECUTIVE COM-
25 MITTEE.—

1 “(1) ESTABLISHMENT AND PURPOSE.—The
2 memorandum of understanding under subsection (a)
3 shall be modified as provided in subsection (c) to es-
4 tablish an intergovernmental executive committee for
5 the sole purpose of exchanging views, information,
6 and advice relating to the management of the nat-
7 ural and cultural resources of the lands withdrawn
8 and reserved by this title.

9 “(2) COMPOSITION.—(A) The Secretary of the
10 Air Force and the Secretary of the Interior shall in-
11 clude representatives from interested Federal agen-
12 cies as members of the intergovernmental executive
13 committee.

14 “(B) The Secretary of the Air Force and the
15 Secretary of the Interior shall invite to serve as
16 members of the intergovernmental executive com-
17 mittee—

18 “(i) at least one elected officer (or other
19 authorized representative) from the government
20 of the State of Idaho; and

21 “(ii) at least one elected officer (or other
22 authorized representative) from each local gov-
23 ernment and Indian tribal government in the vi-
24 cinity of the withdrawn and reserved lands, as
25 determined by the Secretaries.

1 “(3) OPERATION.—The intergovernmental execu-
2 utive committee shall operate in accordance with the
3 terms set forth in the memorandum of under-
4 standing.

5 “(4) PROCEDURES.—The memorandum of un-
6 derstanding shall establish procedures for creating a
7 forum for exchanging views, information, and advice
8 relating to the management of natural and cultural
9 resources on the lands withdrawn and reserved by
10 this title, procedures for rotating the chair of the
11 intergovernmental executive committee, and proce-
12 dures for scheduling regular meetings, which shall
13 occur no less frequently than twice a year.

14 “(5) COORDINATOR.—The Secretary of the Air
15 Force, in consultation with the Secretary of the In-
16 terior, shall appoint an individual to serve as coordi-
17 nator of the intergovernmental executive committee.
18 The duties of the coordinator shall be included in
19 the memorandum of understanding. The coordinator
20 shall not be a member of the committee.

21 “(6) FEDERAL ADVISORY COMMITTEE ACT.—
22 The Federal Advisory Committee Act (5 U.S.C.
23 App.) does not apply to the intergovernmental execu-
24 tive committee.”.

1 (3) DETERMINATIONS OF CONTINUING MILI-
2 TARY NEED FOR WITHDRAWAL AND RESERVATION
3 AND PUBLIC REPORTS.—Section 2909 of the Juni-
4 per Butte Range Withdrawal Act (title XXIX of
5 Public Law 105–261; 112 Stat. 2230) is amended—

6 (A) in subsection (c), by adding at the end
7 the following new sentence: “The review shall
8 include the determination of the Secretary of
9 the Air Force regarding whether there will be
10 a continuing military need for any or all of the
11 withdrawn and reserved lands for the following
12 5 years.”; and

13 (B) by adding at the end the following new
14 subsection:

15 “(d) PUBLIC REPORTS.—

16 “(1) CHANGES IN LAND CONDITIONS.—(A)
17 Concurrent with each review of an integrated nat-
18 ural resources management plan developed under
19 this section, the Secretary of the Air Force and the
20 Secretary of the Interior shall jointly prepare and
21 issue a report describing any changes in the condi-
22 tion of the lands withdrawn and reserved by this
23 title since the later of the date of any previous re-
24 port under this paragraph or the date of the envi-

1 ronmental analysis prepared to support the actions
2 that changed the condition of the lands.

3 “(B) A report under subparagraph (A) shall in-
4 clude a summary of current military use of the lands
5 withdrawn and reserved by this title, any changes in
6 military use of the lands since the previous report,
7 and efforts related to the management of natural
8 and cultural resources and environmental remedi-
9 ation of the lands during the previous 5 years.

10 “(2) COMBINATION WITH OTHER REPORTS.—A
11 report under this subsection may be combined with,
12 or incorporate by reference, any contemporary report
13 required by any other provision of law regarding the
14 lands withdrawn and reserved by this title.

15 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
16 fore the finalization of a report under this sub-
17 section, the Secretary of the Air Force and the Sec-
18 retary of the Interior shall invite interested members
19 of the public to review and comment on the report,
20 and shall hold at least one public meeting concerning
21 the report in a location or locations reasonably ac-
22 cessible to persons who may be affected by manage-
23 ment of the lands withdrawn and reserved by this
24 title.

1 “(B) Each public meeting under subparagraph
2 (A) shall be announced not less than 15 days before
3 the date of the meeting by advertisements in local
4 newspapers of general circulation, notices on the
5 internet, including the website of the Juniper Butte
6 Range (if one exists), and any other means consid-
7 ered necessary or desirable by the Secretaries.

8 “(4) DISTRIBUTION OF REPORT.—The final
9 version of a report under this subsection shall be
10 made available to the public and submitted to the
11 Committees on Armed Services and Energy and
12 Natural Resources of the Senate and the Commit-
13 tees on Armed Services and Natural Resources of
14 the House of Representatives.”.

15 (d) RANGES COVERED BY SUBTITLE A OF MILITARY
16 LANDS WITHDRAWAL ACT OF 1999.—

17 (1) ELIMINATION OF TERMINATION DATE AND
18 CONFORMING AMENDMENTS.—The Military Lands
19 Withdrawal Act of 1999 (title XXX of Public Law
20 106–65; 113 Stat. 885) is amended—

21 (A) by striking section 3015;

22 (B) by striking section 3016 and inserting
23 the following new section:

1 **“SEC. 3016. RELINQUISHMENT.**

2 “(a) NOTICE OF INTENT REGARDING RELINQUISH-
3 MENT.—If the Secretary of the military department con-
4 cerned decides to relinquish all or any of the lands with-
5 drawn and reserved by section 3011, such Secretary shall
6 transmit a notice of intent to relinquish such lands to the
7 Secretary of the Interior.

8 “(b) OPENING DATE.—On the date of relinquishment
9 of the withdrawal and reservation of lands withdrawn and
10 reserved by section 3011, such lands shall not be open to
11 any form of appropriation under the public land laws, in-
12 cluding the mineral laws and the mineral leasing and geo-
13 thermal leasing laws, until the Secretary of the Interior
14 publishes in the Federal Register an appropriate order
15 stating the date upon which such lands shall be restored
16 to the public domain and opened.”; and

17 (C) in section 3017—

18 (i) by striking “section 3016(d)” each
19 place it appears and inserting “section
20 3016”; and

21 (ii) in subsection (e)—

22 (I) by striking “If because” and
23 everything that follows through “de-
24 termines that” and inserting “If the
25 Secretary of the Interior declines to
26 accept jurisdiction over lands with-

1 drawn by this subtitle which have
2 been proposed for relinquishment be-
3 cause the Secretary determines that”;
4 and

5 (II) in paragraph (2), by striking
6 “the expiration of the withdrawal of
7 such lands under this subtitle” and
8 inserting “such determination”.

9 (2) ESTABLISHMENT OF INTERGOVERNMENTAL
10 EXECUTIVE COMMITTEES.—Section 3014 of the
11 Military Lands Withdrawal Act of 1999 (title XXX
12 of Public Law 106–65; 113 Stat. 890) is amended
13 by adding at the end the following new subsection:
14 “(g) INTERGOVERNMENTAL EXECUTIVE COMMIT-
15 TEES.—

16 “(1) ESTABLISHMENT AND PURPOSE.—For the
17 lands withdrawn and reserved by section 3011, the
18 Secretary of the military department concerned and
19 the Secretary of the Interior shall establish, by
20 memorandum of understanding, an intergovern-
21 mental executive committee for each range for the
22 sole purpose of exchanging views, information, and
23 advice relating to the management of the natural
24 and cultural resources of the withdrawn and re-
25 served lands.

1 “(2) COMPOSITION.—(A) The Secretary of the
2 military department concerned and the Secretary of
3 the Interior shall include representatives from inter-
4 ested Federal agencies as members of the intergov-
5 ernmental executive committee for a range.

6 “(B) The Secretary of the military department
7 concerned and the Secretary of the Interior shall in-
8 vite to serve as members of the intergovernmental
9 executive committee for a range—

10 “(i) at least one elected officer (or other
11 authorized representative) from the government
12 of the State in which the withdrawn and re-
13 served lands are located; and

14 “(ii) at least one elected officer (or other
15 authorized representative) from each local gov-
16 ernment and Indian tribal government in the vi-
17 cinity of the withdrawn and reserved lands, as
18 determined by the Secretaries.

19 “(3) OPERATION.—The intergovernmental exec-
20 utive committee for a range shall operate in accord-
21 ance with the terms set forth in the memorandum
22 of understanding.

23 “(4) PROCEDURES.—The memorandum of un-
24 derstanding for a range shall establish procedures
25 for creating a forum for exchanging views, informa-

1 tion, and advice relating to the management of nat-
2 ural and cultural resources on the withdrawn and re-
3 served lands, procedures for rotating the chair of the
4 intergovernmental executive committee, and proce-
5 dures for scheduling regular meetings, which shall
6 occur no less frequently than twice a year.

7 “(5) COORDINATOR.—The Secretary of the
8 military department concerned, in consultation with
9 the Secretary of the Interior, shall appoint an indi-
10 vidual to serve as coordinator of the intergovern-
11 mental executive committee for a range. The duties
12 of the coordinator shall be included in the memo-
13 randum of understanding. The coordinator shall not
14 be a member of the committee.

15 “(6) FEDERAL ADVISORY COMMITTEE ACT.—
16 The Federal Advisory Committee Act (5 U.S.C.
17 App.) does not apply to an intergovernmental execu-
18 tive committee established under this subsection.”.

19 (3) DETERMINATION OF CONTINUING MILITARY
20 NEED FOR WITHDRAWAL AND RESERVATION AND
21 PUBLIC REPORTS.—The Military Lands Withdrawal
22 Act of 1999 (title XXX of Public Law 106–65; 113
23 Stat. 885) is further amended by inserting after sec-
24 tion 3014 the following new section:

1 **“SEC. 3015. DETERMINATION OF CONTINUING MILITARY**
2 **NEED FOR WITHDRAWAL AND RESERVATION**
3 **AND PUBLIC REPORTS.**

4 “(a) DETERMINATION OF CONTINUING MILITARY
5 NEED.—Whenever an integrated natural resources man-
6 agement plan covering the lands withdrawn and reserved
7 under section 3011 is reviewed as to operation and effect
8 as required by section 101(b)(3) of the Sikes Act (16
9 U.S.C. 670a(b)(2)), but not less often than every five
10 years, the Secretary of the military department concerned
11 shall include the Secretary’s determination regarding
12 whether there will be a continuing military need for any
13 or all of the withdrawn and reserved lands for the fol-
14 lowing five years.

15 “(b) PUBLIC REPORTS.—

16 “(1) CHANGES IN LAND CONDITIONS.—(A)
17 Concurrent with each review of an integrated nat-
18 ural resources management plan described in sub-
19 section (a), the Secretary of the military department
20 concerned and the Secretary of the Interior shall
21 jointly prepare and issue a report describing any
22 changes in the condition of the lands covered by the
23 plan since the later of the date of any previous re-
24 port under this paragraph or the date of the envi-
25 ronmental analysis prepared to support the actions
26 that changed the condition of the lands.

1 “(B) A report under subparagraph (A) shall in-
2 clude a summary of current military use of the lands
3 covered by the plan, any changes in military use of
4 the lands since the previous report, and efforts re-
5 lated to the management of natural and cultural re-
6 sources and environmental remediation of the lands
7 during the previous five years.

8 “(2) COMBINATION WITH OTHER REPORTS.—A
9 report under this subsection may be combined with,
10 or incorporate by reference, any contemporary report
11 required by any other provision of law regarding the
12 lands covered by the integrated natural resources
13 management plan.

14 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
15 fore the finalization of a report under this sub-
16 section, the Secretary of the military department
17 concerned and the Secretary of the Interior shall in-
18 vite interested members of the public to review and
19 comment on the report, and shall hold at least one
20 public meeting concerning the report in a location or
21 locations reasonably accessible to persons who may
22 be affected by management of the lands addressed
23 by the report.

24 “(B) Each public meeting under subparagraph
25 (A) shall be announced not less than 15 days before

1 the date of the meeting by advertisements in local
2 newspapers of general circulation, notices on the
3 internet, including the website of the affected mili-
4 tary range (if one exists), and any other means con-
5 sidered necessary or desirable by the Secretaries.

6 “(4) DISTRIBUTION OF REPORT.—The final
7 version of a report under this subsection shall be
8 made available to the public and submitted to the
9 Committees on Armed Services and Energy and
10 Natural Resources of the Senate and the Commit-
11 tees on Armed Services and Natural Resources of
12 the House of Representatives.”.

13 (e) BARRY M. GOLDWATER RANGE.—

14 (1) ELIMINATION OF TERMINATION DATE AND
15 CONFORMING AMENDMENTS.—Section 3031 of the
16 Military Lands Withdrawal Act of 1999 (title XXX
17 of Public Law 106–65; 113 Stat. 897) is amended—

18 (A) in subsection (c)—

19 (i) in paragraph (1), by striking “, in-
20 cluding the duration of any renewal or ex-
21 tension”;

22 (ii) in paragraph (2)—

23 (I) in the paragraph heading, by
24 striking “OR TERMINATION”; and

1 (II) in subparagraph (C), by
2 striking the last sentence; and

3 (iii) in paragraph (3)(A), by striking
4 “or termination”; and

5 (B) in subsection (d), by striking “DURA-
6 TION” and all that follows through “of the ter-
7 mination” and inserting “EFFECT OF RELIN-
8 QUISHMENT ON OPERATION OF GENERAL
9 LAND LAWS.—On the date of relinquishment”;

10 (C) by striking subsection (e); and

11 (D) in subsection (f)—

12 (i) in the subsection heading, by strik-
13 ing “TERMINATION AND”;

14 (ii) in paragraph (1), by striking “but
15 not later than three years before the termi-
16 nation of the withdrawal and reservation,”;

17 (iii) in paragraph (3), by striking “be-
18 fore the termination date of the withdrawal
19 and reservation of such lands under this
20 section”; and

21 (iv) in paragraph (4)(A), by striking
22 “Notwithstanding the termination date,
23 unless” and inserting “Unless”.

24 (2) DETERMINATIONS OF CONTINUING MILI-
25 TARY NEED FOR WITHDRAWAL AND RESERVA-

1 TION.—Section 3031 of the Military Lands With-
2 drawal Act of 1999 (title XXX of Public Law 106–
3 65; 113 Stat. 897) is further amended by inserting
4 after subsection (d) the following new subsection:

5 “(e) PERIODIC DETERMINATION OF CONTINUING
6 MILITARY NEED.—Whenever an integrated natural re-
7 sources management plan covering the lands withdrawn
8 and reserved under this section is reviewed as to operation
9 and effect as required by section 101(b)(3) of the Sikes
10 Act (16 U.S.C. 670a(b)(2)), but not less often than every
11 five years, the Secretary of the Navy and the Secretary
12 of the Air Force shall include the Secretary’s determina-
13 tion regarding whether there will be a continuing military
14 need for any or all of the withdrawn and reserved lands
15 for the following five years.”.

16 (3) USE OF DEFINITIONS.—Section 3031(e)(5)
17 of the Military Lands Withdrawal Act of 1999 (title
18 XXX of Public Law 106–65; 113 Stat. 907) is
19 amended by striking subparagraphs (A) and (B) and
20 inserting the following:

21 “(A) The term ‘military munitions’ has the
22 meaning given that term in section 101(e)(4) of
23 title 10, United States Code.

1 “(B) The term ‘unexploded ordnance’ has
2 the meaning given that term in section
3 101(e)(5) of such title.”.

4 (f) NATIONAL TRAINING CENTER.—

5 (1) ELIMINATION OF TERMINATION DATE AND
6 CONFORMING AMENDMENTS.—The Fort Irwin Mili-
7 tary Land Withdrawal Act of 2001 (title XXIX of
8 Public Law 107–107; 115 Stat. 1335) is amended—

9 (A) in section 2910, by striking the section
10 heading and all that follows through “At the
11 time of the termination” and inserting the fol-
12 lowing:

13 **“SEC. 2910. EFFECT OF RELINQUISHMENT ON OPERATION**
14 **OF GENERAL LAND LAWS.**

15 “On the date of relinquishment”;

16 (B) by striking section 2911; and

17 (C) in section 2912—

18 (i) in the section heading, by striking

19 **“Termination and”**;

20 (ii) in subsection (a), by striking

21 “During the first 22 years of the with-
22 drawal and reservation made by this title,
23 if” and inserting “If”;

1 (iii) in subsection (e), by striking “be-
2 fore the termination date of the withdrawal
3 and reservation”; and

4 (iv) in subsection (d), by striking
5 “Notwithstanding the termination date
6 specified in section 2910, unless” and in-
7 serting “Unless”.

8 (2) DETERMINATION OF CONTINUING MILITARY
9 NEED FOR WITHDRAWAL AND RESERVATION AND
10 PUBLIC REPORTS.—The Fort Irwin Military Land
11 Withdrawal Act of 2001 (title XXIX of Public Law
12 107–107; 115 Stat. 1335) is further amended by in-
13 serting after section 2910 the following new section:

14 **“SEC. 2911. DETERMINATION OF CONTINUING MILITARY**
15 **NEED FOR WITHDRAWAL AND RESERVATION**
16 **AND PUBLIC REPORTS.**

17 “(a) PERIODIC DETERMINATION OF CONTINUING
18 NEED.—Whenever an integrated natural resources man-
19 agement plan covering the lands withdrawn and reserved
20 under this title is reviewed as to operation and effect as
21 required by section 101(b)(3) of the Sikes Act (16 U.S.C.
22 670a(b)(2)), but not less often than every five years, the
23 Secretary of the Army shall include in the plan the Sec-
24 retary’s determination regarding whether there will be a

1 continuing military need for any or all of the withdrawn
2 and reserved lands for the following five years.

3 “(b) PUBLIC REPORTS.—

4 “(1) CHANGES IN LAND CONDITIONS.—(A)

5 Concurrent with each review of an integrated nat-
6 ural resources management plan described in sub-
7 section (a), the Secretary of the Army and the Sec-
8 retary of the Interior shall jointly prepare and issue
9 a report describing any changes in the condition of
10 the lands withdrawn and reserved by this title since
11 the later of the date of any previous report under
12 this paragraph or the date of the environmental
13 analysis prepared to support the actions that
14 changed the condition of the lands.

15 “(B) A report under subparagraph (A) shall in-
16 clude a summary of current military use of the lands
17 withdrawn and reserved by this title, any changes in
18 military use of the lands since the previous report,
19 and efforts related to the management of natural
20 and cultural resources and environmental remedi-
21 ation of the lands during the previous five years.

22 “(2) COMBINATION WITH OTHER REPORTS.—A

23 report under this subsection may be combined with,
24 or incorporate by reference, any contemporary report

1 required by any other provision of law regarding the
2 lands withdrawn and reserved by this title.

3 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
4 fore the finalization of a report under this sub-
5 section, the Secretary of the Army and the Secretary
6 of the Interior shall invite interested members of the
7 public to review and comment on the report, and
8 shall hold at least one public meeting concerning the
9 report in a location or locations reasonably accessible
10 to persons who may be affected by management of
11 the lands withdrawn and reserved by this title.

12 “(B) Each public meeting under subparagraph
13 (A) shall be announced not less than 15 days before
14 the date of the meeting by advertisements in local
15 newspapers of general circulation, notices on the
16 internet, including the website of National Training
17 Range, and any other means considered necessary or
18 desirable by the Secretaries.

19 “(4) DISTRIBUTION OF REPORT.—The final
20 version of a report under this subsection shall be
21 made available to the public and submitted to the
22 Committees on Armed Services and Energy and
23 Natural Resources of the Senate and the Commit-
24 tees on Armed Services and Natural Resources of
25 the House of Representatives.”.

1 (3) ESTABLISHMENT OF INTERGOVERNMENTAL
2 EXECUTIVE COMMITTEE.—The Fort Irwin Military
3 Land Withdrawal Act of 2001 (title XXIX of Public
4 Law 107–107; 115 Stat. 1335) is further amended
5 by adding at the end the following new section:

6 **“SEC. 2914. INTERGOVERNMENTAL EXECUTIVE COM-**
7 **MITTEE.**

8 “(a) ESTABLISHMENT AND PURPOSE.—The Sec-
9 retary of the Army and the Secretary of the Interior shall
10 establish, by memorandum of understanding, an intergov-
11 ernmental executive committee for the sole purpose of ex-
12 changing views, information, and advice relating to the
13 management of the natural and cultural resources of the
14 lands withdrawn and reserved by this title.

15 “(b) COMPOSITION.—

16 “(1) REPRESENTATIVES OF OTHER FEDERAL
17 AGENCIES.—The Secretary of the Army and the Sec-
18 retary of the Interior shall include representatives
19 from interested Federal agencies as members of the
20 intergovernmental executive committee.

21 “(2) REPRESENTATIVES OF STATE AND LOCAL
22 GOVERNMENTS.—The Secretary of the Army and
23 the Secretary of the Interior shall invite to serve as
24 members of the intergovernmental executive com-
25 mittee—

1 “(A) at least one elected officer (or other
2 authorized representative) from the government
3 of the State of California; and

4 “(B) at least one elected officer (or other
5 authorized representative) from each local gov-
6 ernment and Indian tribal government in the vi-
7 cinity of the withdrawn and reserved lands, as
8 determined by the Secretaries.

9 “(c) OPERATION.—The intergovernmental executive
10 committee shall operate in accordance with the terms set
11 forth in the memorandum of understanding under sub-
12 section (a).

13 “(d) PROCEDURES.—The memorandum of under-
14 standing under subsection (a) shall establish procedures
15 for creating a forum for exchanging views, information,
16 and advice relating to the management of natural and cul-
17 tural resources on the lands withdrawn and reserved by
18 this title, procedures for rotating the chair of the intergov-
19 ernmental executive committee, and procedures for sched-
20 uling regular meetings, which shall occur no less fre-
21 quently than twice a year.

22 “(e) COORDINATOR.—The Secretary of the Army, in
23 consultation with the Secretary of the Interior, shall ap-
24 point an individual to serve as coordinator of the intergov-
25 ernmental executive committee. The duties of the coordi-

1 nator shall be included in the memorandum of under-
2 standing under subsection (a). The coordinator shall not
3 be a member of the committee.

4 “(f) FEDERAL ADVISORY COMMITTEE ACT.—The
5 Federal Advisory Committee Act (5 U.S.C. App.) does not
6 apply to the intergovernmental executive committee.”.

7 (g) RANGES COVERED BY MILITARY LAND WITH-
8 DRAWALS ACT OF 2013.—

9 (1) ELIMINATION OF TERMINATION DATE AND
10 CONFORMING AMENDMENTS.—The Military Land
11 Withdrawals Act of 2013 (title XXIX of Public Law
12 113–66; 127 Stat. 1025) is amended—

13 (A) by striking sections 2919, 2920; 2936,
14 2946, and 2979;

15 (B) in section 2921, by striking “On the
16 termination of” and inserting “On the relin-
17 quishment of”; and

18 (C) in section 2922(d)(3)—

19 (i) in the paragraph heading, by strik-
20 ing “ON TERMINATION” and inserting
21 “UPON RELINQUISHMENT”; and

22 (ii) by striking “or if at the expiration
23 of the withdrawal and reservation,”.

24 (2) ESTABLISHMENT OF INTERGOVERNMENTAL
25 EXECUTIVE COMMITTEE.—The Military Land With-

1 drawals Act of 2013 (title XXIX of Public Law
2 113–66; 127 Stat. 1025) is further amended by in-
3 serting after section 2918 the following new section:

4 **“SEC. 2919. INTERGOVERNMENTAL EXECUTIVE COM-
5 MITTEE.**

6 “(a) ESTABLISHMENT AND PURPOSE.—For the lands
7 withdrawn and reserved by sections 2931, 2941, and
8 2971, the Secretary concerned and the Secretary of the
9 Interior shall establish, by memorandum of under-
10 standing, an intergovernmental executive committee for
11 each location for the sole purpose of exchanging views, in-
12 formation, and advice relating to the management of the
13 natural and cultural resources of the withdrawn and re-
14 served lands.

15 “(b) COMPOSITION.—

16 “(1) REPRESENTATIVES OF OTHER FEDERAL
17 AGENCIES.—The Secretary concerned and the Sec-
18 retary of the Interior shall include representatives
19 from interested Federal agencies as members of the
20 intergovernmental executive committee for a location
21 covered by subsection (a).

22 “(2) REPRESENTATIVES OF STATE AND LOCAL
23 GOVERNMENTS.—The Secretary concerned and the
24 Secretary of the Interior shall invite to serve as

1 members of the intergovernmental executive com-
2 mittee for a location covered by subsection (a)—

3 “(A) at least one elected officer (or other
4 authorized representative) from the government
5 of the State in which the withdrawn and re-
6 served lands are located; and

7 “(B) at least one elected officer (or other
8 authorized representative) from each local gov-
9 ernment and Indian tribal government in the vi-
10 cinity of the withdrawn and reserved lands, as
11 determined by the Secretaries.

12 “(c) OPERATION.—The intergovernmental executive
13 committee for a location covered by subsection (a) shall
14 operate in accordance with the terms set forth in the
15 memorandum of understanding under subsection (a).

16 “(d) PROCEDURES.—The memorandum of under-
17 standing under subsection (a) shall establish procedures
18 for creating a forum for exchanging views, information,
19 and advice relating to the management of natural and cul-
20 tural resources on the withdrawn and reserved lands, pro-
21 cedures for rotating the chair of the intergovernmental ex-
22 ecutive committee, and procedures for scheduling regular
23 meetings, which shall occur no less frequently than twice
24 a year.

1 “(e) COORDINATOR.—The Secretary concerned, in
2 consultation with the Secretary of the Interior, shall ap-
3 point an individual to serve as coordinator of the intergov-
4 ernmental executive committee for a location covered by
5 subsection (a). The duties of the coordinator shall be in-
6 cluded in the memorandum of understanding under sub-
7 section (a). The coordinator shall not be a member of the
8 committee.

9 “(f) FEDERAL ADVISORY COMMITTEE ACT.—The
10 Federal Advisory Committee Act (5 U.S.C. App.) does not
11 apply to a intergovernmental executive committee for a lo-
12 cation covered by subsection (a).”.

13 (3) DETERMINATION OF CONTINUING MILITARY
14 NEED FOR WITHDRAWAL AND RESERVATION AND
15 PUBLIC REPORTS.—The Military Land Withdrawals
16 Act of 2013 (title XXIX of Public Law 113–66; 127
17 Stat. 1025) is further amended by inserting after
18 section 2919, as added by paragraph (2), the fol-
19 lowing new section:

20 **“SEC. 2920. DETERMINATION OF CONTINUING MILITARY**
21 **NEED FOR WITHDRAWAL AND RESERVATION**
22 **AND PUBLIC REPORTS.**

23 “(a) PERIODIC DETERMINATION OF CONTINUING
24 NEED.—Whenever an integrated natural resources man-
25 agement plan covering the lands withdrawn and reserved

1 under a subtitle of this title is reviewed as to operation
2 and effect as required by section 101(b)(3) of the Sikes
3 Act (16 U.S.C. 670a(b)(2)), but not less often than every
4 five years, the Secretary concerned shall include in the
5 plan the Secretary's determination regarding whether
6 there will be a continuing military need for any or all of
7 the withdrawn and reserved lands for the following five
8 years.

9 “(b) PUBLIC REPORTS.—

10 “(1) CHANGES IN LAND CONDITIONS.—(A)
11 Concurrent with each review of an integrated nat-
12 ural resources management plan described in sub-
13 section (a), the Secretary concerned and the Sec-
14 retary of the Interior shall jointly prepare and issue
15 a report describing any changes in the condition of
16 the lands covered by the plan since the later of the
17 date of any previous report under this paragraph or
18 the date of the environmental analysis prepared to
19 support the actions that changed the condition of
20 the lands.

21 “(B) A report under subparagraph (A) shall in-
22 clude a summary of current military use of the lands
23 covered by the plan, any changes in military use of
24 the lands since the previous report, and efforts re-
25 lated to the management of natural and cultural re-

1 sources and environmental remediation of the lands
2 during the previous five years.

3 “(2) COMBINATION WITH OTHER REPORTS.—A
4 report under this subsection may be combined with,
5 or incorporate by reference, any contemporary report
6 required by any other provision of law regarding the
7 lands addressed by the report.

8 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
9 fore the finalization of a report under this sub-
10 section, the Secretary concerned and the Secretary
11 of the Interior shall invite interested members of the
12 public to review and comment on the report, and
13 shall hold at least one public meeting concerning the
14 report in a location or locations reasonably accessible
15 to persons who may be affected by management of
16 the lands addressed by the report.

17 “(B) Each public meeting under subparagraph
18 (A) shall be announced not less than 15 days before
19 the date of the meeting by advertisements in local
20 newspapers of general circulation, notices on the
21 internet, including the website of the affected mili-
22 tary range (if one exists), and any other means con-
23 sidered necessary or desirable by the Secretaries.

24 “(4) DISTRIBUTION OF REPORT.—The final
25 version of a report under this subsection shall be

1 made available to the public and submitted to the
 2 Committees on Armed Services and Energy and
 3 Natural Resources of the Senate and the Commit-
 4 tees on Armed Services and Natural Resources of
 5 the House of Representatives.”.

6 (h) EFFECT ON NEW LAND WITHDRAWALS AND
 7 RESERVATIONS.—Nothing in this section or the amend-
 8 ments made by this section shall be construed as changing
 9 the requirements imposed on the Department of Defense
 10 to obtain a new or expanded land withdrawal and reserva-
 11 tion.

12 **SEC. 2832. TEMPORARY SEGREGATION FROM PUBLIC LAND**
 13 **LAWS OF PROPERTY SUBJECT TO PROPOSED**
 14 **MILITARY LAND WITHDRAWAL; TEMPORARY**
 15 **USE PERMITS AND TRANSFERS OF SMALL**
 16 **PARCELS OF LAND BETWEEN DEPARTMENTS**
 17 **OF INTERIOR AND MILITARY DEPARTMENTS;**
 18 **MORE EFFICIENT SURVEYING OF LANDS.**

19 (a) TEMPORARY SEGREGATION OF MILITARY LAND
 20 FROM PUBLIC LAND LAWS UNDER REQUEST FOR WITH-
 21 DRAWAL MADE TO SECRETARY OF THE INTERIOR.—Sec-
 22 tion 3 of the Act of February 28, 1958 (Public Law 85-
 23 337; 43 U.S.C. 157), is amended—

1 (1) by striking “Any application” and inserting
2 “(a) CONTENTS OF APPLICATION.—Any applica-
3 tion”;

4 (2) by striking “shall specify” and inserting
5 “shall be filed with the Secretary of the Interior and
6 shall specify”; and

7 (3) by adding at the end the following new sub-
8 section:

9 “(b) TEMPORARY SEGREGATION FROM PUBLIC
10 LAND LAWS.—

11 “(1) PUBLIC NOTICE.—Not later than 30 days
12 after the date of the receipt of an application under
13 subsection (a) for a withdrawal or reservation, the
14 Secretary of the Interior shall publish a notice in the
15 Federal Register stating that the application has
16 been submitted, identifying the land that is the sub-
17 ject of the application, and stating the extent to
18 which the land is to be segregated in accordance
19 with paragraph (2).

20 “(2) SEGREGATION FROM PUBLIC LAND
21 LAWS.—Upon publication of a notice under para-
22 graph (1), the land identified in the notice shall be
23 segregated from the operation of the public land
24 laws to the extent specified in the notice. The seg-

1 regation of such land pursuant to such notice shall
2 terminate upon the earlier of—

3 “(A) the enactment of some or all of the
4 withdrawal or reservation by Congress; or

5 “(B) the expiration of the 7-year period
6 which begins on the date of the publication of
7 the notice.

8 “(3) DEFINITION.—In this subsection, the term
9 ‘public land laws’ includes the mining laws, the min-
10 eral leasing laws, and the geothermal leasing laws.”.

11 (b) AUTHORIZATION OF ADDITIONAL ARRANGE-
12 MENTS FOR USE AND TRANSFER OF LANDS UNDER JU-
13 RISDICTION OF SECRETARY OF THE INTERIOR.—Such Act
14 (43 U.S.C. 155 et seq.) is further amended by adding at
15 the end the following new sections:

16 **“SEC. 7. SHORT-TERM PERMITS FOR USE OF DEPARTMENT**
17 **OF INTERIOR LANDS FOR MILITARY TRAIN-**
18 **ING AND TESTING.**

19 “(a) AUTHORITY.—In addition to any other authority
20 to grant permits for the use of land, the Secretary of the
21 Interior may grant a permit to the Secretary of Defense
22 to use land under the administrative jurisdiction of the
23 Secretary of the Interior. Any such permit—

24 “(1) shall be issued consistent with section
25 2691 of title 10, United States Code;

1 “(2) shall allow the Department of Defense to
2 use the land only for purposes of training and test-
3 ing that are consistent with the purposes for which
4 the Secretary of the Interior manages the land; and

5 “(3) may contain such other requirements as
6 the Secretary of the Interior considers appropriate.

7 “(b) DURATION OF PERMIT.—A permit granted
8 under this section shall be in effect for such period as the
9 Secretary of the Interior may provide, except that such
10 period may not exceed 30 days.

11 **“SEC. 8. TRANSFERS OF SMALL PARCELS OF LAND BE-**
12 **TWEEN THE DEPARTMENTS OF DEFENSE AND**
13 **INTERIOR.**

14 “(a) TRANSFER AUTHORIZED.—Subject to any valid
15 existing rights, upon mutual agreement, and without cost
16 for the value of the land or any improvements thereon—

17 “(1) the Secretary of the Interior may transfer
18 administrative jurisdiction over land that meets the
19 requirements of subsection (b) to the Secretary of a
20 military department; and

21 “(2) the Secretary of a military department
22 may transfer administrative jurisdiction over land
23 that meets the requirements of subsection (b) to the
24 Secretary of the Interior.

1 “(b) REQUIREMENTS FOR LAND ELIGIBLE FOR
2 TRANSFER.—The requirements of this subsection are as
3 follows:

4 “(1) CONTIGUITY.—The land is contiguous to
5 land already under the administrative jurisdiction of
6 the Secretary to whom such jurisdiction is trans-
7 ferred.

8 “(2) LIMITATION ON ACREAGE.—No single par-
9 cel of the land is larger than 5,000 acres of contig-
10 uous area.

11 “(3) NO RECENT PRIOR TRANSFER OF CONTIG-
12 UOUS LAND.—The land is not contiguous to any
13 other land for which administrative jurisdiction has
14 been transferred under the authority of this section
15 during the previous 5 years.

16 “(4) PRIOR USE FOR DEFENSE PURPOSES.—In
17 the case of land transferred to the Department of
18 Defense, the land was used for defense purposes im-
19 mediately prior to the date of transfer.

20 “(c) MAP AND LEGAL DESCRIPTION.—

21 “(1) PREPARATION AND PUBLICATION.—The
22 Secretary of the Interior shall—

23 “(A) publish in the Federal Register a no-
24 tice containing the legal description of any land
25 transferred under subsection (a);

1 “(B) file maps and legal descriptions of
2 the land with—

3 “(i) the Committees on Armed Serv-
4 ices and Energy and Natural Resources of
5 the Senate, and

6 “(ii) the Committees on Armed Serv-
7 ices and Natural Resources of the House
8 of Representatives; and

9 “(C) make copies of such maps and legal
10 descriptions available for public inspection in
11 the appropriate offices of the Bureau of Land
12 Management.

13 “(2) FORCE OF LAW.—For purposes of any
14 transfer of administrative jurisdiction over land
15 under this section, the legal description and map for
16 the land shall be the legal description of the land
17 filed under paragraph (1)(B), except that the Sec-
18 retary of the Interior may correct clerical and typo-
19 graphical errors in the legal description or map.

20 “(d) TREATMENT AND USE OF LAND TRANSFERRED
21 TO THE SECRETARY OF A MILITARY DEPARTMENT.—
22 Upon a transfer of administrative jurisdiction over land
23 to the Secretary of a military department under subsection
24 (a)—

1 “(1) the land shall be treated as property (as
2 defined in section 102(9) of title 40, United States
3 Code) under the administrative jurisdiction of the
4 Secretary of the military department; and

5 “(2) the land shall be withdrawn from all forms
6 of appropriation under the public land laws, includ-
7 ing the mining laws, the mineral leasing laws, and
8 the geothermal leasing laws, for as long as the land
9 is under the administrative jurisdiction of a Sec-
10 retary of a military department.

11 “(e) TREATMENT AND USE OF LAND TRANSFERRED
12 TO THE SECRETARY OF THE INTERIOR.—Upon a transfer
13 of administrative jurisdiction over land to the Secretary
14 of the Interior under subsection (a)—

15 “(1) the land shall become public land; and

16 “(2) the land shall be administered for the
17 same purposes and be subject to the same conditions
18 of use as the adjacent public land.

19 “(f) EFFECT ON OTHER AUTHORITIES.—The au-
20 thority provided by this section is in addition to, and not
21 subject to, any other authority relating to transfers of
22 land.”.

23 (c) SHORT TITLE.—Section 1 of such Act (43 U.S.C.
24 155) is amended—

1 (1) by striking “Notwithstanding” and insert-
2 ing “(a) WITHDRAWAL, RESERVATION, OR RESTRIC-
3 TION OF PUBLIC LANDS FOR DEFENSE PUR-
4 POSES.—Notwithstanding”; and

5 (2) by adding at the end the following new sub-
6 section:

7 “(b) SHORT TITLE.—This Act may be cited as the
8 ‘Engle Act’.”.

9 (d) PROMOTING MORE EFFICIENT SURVEYING OF
10 LANDS.—In fixing the original corner position in an offi-
11 cial survey of unsurveyed land, when applicable and fea-
12 sible, Cadastral Surveys may, instead of using physical
13 monuments, use geographic coordinates correlated to the
14 National Spatial Reference System geodetic datum, in ac-
15 cordance with the Manual of Surveying Instructions.

16 **Subtitle E—Military Memorials,** 17 **Monuments, and Museums**

18 **SEC. 2841. MODIFICATION OF PROHIBITION ON TRANSFER**
19 **OF VETERANS MEMORIAL OBJECTS TO FOR-**
20 **EIGN GOVERNMENTS WITHOUT SPECIFIC AU-**
21 **THORIZATION IN LAW.**

22 (a) DESCRIPTION OF OBJECTS.—Paragraph
23 (2)(B)(iii) of section 2572(e) of title 10, United States
24 Code, is amended by striking “from abroad” and inserting
25 “from abroad before 1907”.

1 (b) EXTENSION OF PROHIBITION.—Paragraph
2 (3)(B) of section 2572(e) of such title is amended by strik-
3 ing “September 30, 2017” and inserting “September 30,
4 2022”.

5 (c) EFFECTIVE DATE.—The amendments made by
6 this section shall take effect October 1, 2017.

7 **SEC. 2842. RECOGNITION OF THE NATIONAL MUSEUM OF**
8 **WORLD WAR II AVIATION.**

9 (a) FINDINGS.—Congress finds the following:

10 (1) World War II was one of the most impor-
11 tant events in the history of the Nation, a time of
12 common purpose that remains today as an inspira-
13 tion to all people in the United States.

14 (2) The role of aviation was a critical factor in
15 the success of winning World War II and defeating
16 the enemies worldwide.

17 (3) The bravery, courage, dedication, and her-
18 oism of World War II aviators and support per-
19 sonnel were decisive in winning World War II.

20 (4) The National Museum of World War II
21 Aviation in Colorado Springs, Colorado, is the only
22 museum in the United States that exists to exclu-
23 sively preserve and promote an understanding of the
24 role of aviation in winning World War II.

1 (5) The National Museum of World War II
2 Aviation is dedicated to celebrating the spirit of the
3 United States, recognizing the teamwork, collabora-
4 tion, patriotism, and courage of the men and women
5 who fought, as well as those on the homefront who
6 mobilized and supported the national aviation effort.

7 (b) RECOGNITION.—The National Museum of World
8 War II Aviation in Colorado Springs, Colorado, is recog-
9 nized as America’s National World War II Aviation Mu-
10 seum.

11 (c) EFFECT OF RECOGNITION.—The National Mu-
12 seum recognized by this section is not a unit of the Na-
13 tional Park System, and the recognition of the National
14 Museum shall not be construed to require or permit Fed-
15 eral funds to be expended for any purpose related to the
16 National Museum.

17 **SEC. 2843. PRINCIPAL OFFICE OF AVIATION HALL OF FAME.**

18 Section 23107 of title 36, United States Code, is
19 amended by striking “Dayton,” and all that follows
20 through “trustees” and inserting “Ohio”.

21 **SEC. 2844. BATTLESHIP PRESERVATION GRANT PROGRAM.**

22 (a) ESTABLISHMENT.—There is hereby established
23 within the Department of the Interior a grant program
24 for the preservation of our nation’s most historic battle-
25 ships.

1 (b) USE OF GRANTS.—Amounts received through
2 grants under this section shall be used for the preservation
3 of our nation’s most historic battleships in a manner that
4 is self-sustaining and has an educational component.

5 (c) CRITERIA FOR ELIGIBILITY.—To be eligible for
6 a grant under this section, an entity shall—

7 (1) submit an application under procedures pre-
8 scribed by the Secretary;

9 (2) match the amount of the grant, on a 1-to-
10 1 basis, with non-Federal assets from non-Federal
11 sources, which may include cash or durable goods
12 and materials fairly valued as determined by the
13 Secretary;

14 (3) maintain records as may be reasonably nec-
15 essary to fully disclose—

16 (A) the amount and the disposition of the
17 proceeds of the grant;

18 (B) the total cost of the project for which
19 the grant is made; and

20 (C) other records as may be required by
21 the Secretary, including such records as will fa-
22 cilitate an effective accounting for project
23 funds; and

1 (4) provide access to the Secretary for the pur-
2 poses of any required audit and examination of any
3 books, documents, papers, and records of the entity.

4 (d) MOST HISTORIC BATTLESHIP DEFINED.—In this
5 section, the term “most historic battleship” means a bat-
6 tleship that is—

7 (1) between 75 and 115 years old;

8 (2) listed on the National Register of Historic
9 Places; and

10 (3) located within the State for which it was
11 named.

12 (e) SAVINGS PROVISION.—The authorities contained
13 in this section shall be in addition to, and shall not be
14 construed to supercede or modify those contained in the
15 National Historic Preservation Act (16 U.S.C. 470–470x-
16 6).

17 (f) PRIVATE PROPERTY PROTECTION.—

18 (1) IN GENERAL.—No Federal funds made
19 available to carry out this section may be used to ac-
20 quire any real property, or any interest in any real
21 property, without the written consent of the owner
22 (or owners) of that property or interest in property.

23 (2) NO DESIGNATION.—The authority granted
24 by this section shall not constitute a Federal des-

1 ignation or have any effect on private property own-
2 ership.

3 (g) SUNSET.—The authority to make grants under
4 this section expires on September 30, 2024.

5 **Subtitle F—Shiloh National**
6 **Military Park**

7 **SEC. 2851. SHORT TITLE.**

8 This subtitle may be cited as the “Shiloh National
9 Military Park Boundary Adjustment and Parker’s Cross-
10 roads Battlefield Designation Act”.

11 **SEC. 2852. DEFINITIONS.**

12 In this subtitle, the following definitions apply:

13 (1) AFFILIATED AREA.—The term “affiliated
14 area” means the Parker’s Crossroads Battlefield es-
15 tablished as an affiliated area of the National Park
16 System under section 2854.

17 (2) PARK.—The term “Park” means Shiloh
18 National Military Park, a unit of the National Park
19 System.

20 (3) SECRETARY.—The term “Secretary” means
21 the Secretary of the Interior.

22 **SEC. 2853. AREAS TO BE ADDED TO SHILOH NATIONAL**
23 **MILITARY PARK.**

24 (a) ADDITIONAL AREAS.—The boundary of Shiloh
25 National Military Park is modified to include the areas

1 that are generally depicted on the map entitled “Shiloh
2 National Military Park, Proposed Boundary Adjustment”,
3 numbered 304/80,011, and dated July 2014, as follows:

4 (1) Fallen Timbers Battlefield.

5 (2) Russell House Battlefield.

6 (3) Davis Bridge Battlefield.

7 (b) ACQUISITION AUTHORITY.—The Secretary may
8 acquire lands described in subsection (a) by donation, pur-
9 chase from willing sellers with donated or appropriated
10 funds, or exchange.

11 (c) ADMINISTRATION.—Any lands acquired under
12 this section shall be administered as part of the Park.

13 **SEC. 2854. ESTABLISHMENT OF AFFILIATED AREA.**

14 (a) IN GENERAL.—Parker’s Crossroads Battlefield in
15 the State of Tennessee is hereby established as an affili-
16 ated area of the National Park System.

17 (b) DESCRIPTION.—The affiliated area shall consist
18 of the area generally depicted within the “Proposed
19 Boundary” on the map entitled “Parker’s Crossroads Bat-
20 tlefield, Proposed Boundary”, numbered 903/80,073, and
21 dated July 2014.

22 (c) ADMINISTRATION.—The affiliated area shall be
23 managed in accordance with this subtitle and all laws gen-
24 erally applicable to units of the National Park System.

1 (d) MANAGEMENT ENTITY.—The City of Parkers
2 Crossroads and the Tennessee Historical Commission
3 shall jointly be the management entity for the affiliated
4 area.

5 (e) COOPERATIVE AGREEMENTS.—The Secretary
6 may provide technical assistance and enter into coopera-
7 tive agreements with the management entity for the pur-
8 pose of providing financial assistance with marketing,
9 marking, interpretation, and preservation of the affiliated
10 area.

11 (f) LIMITED ROLE OF THE SECRETARY.—Nothing in
12 this Act authorizes the Secretary to acquire property at
13 the affiliated area or to assume overall financial responsi-
14 bility for the operation, maintenance, or management of
15 the affiliated area.

16 (g) GENERAL MANAGEMENT PLAN.—

17 (1) IN GENERAL.—The Secretary, in consulta-
18 tion with the management entity, shall develop a
19 general management plan for the affiliated area.
20 The plan shall be prepared in accordance with sec-
21 tion 100502 of title 54, United States Code.

22 (2) TRANSMITTAL.—Not later than 3 years
23 after the date that funds are made available for this
24 subtitle, the Secretary shall provide a copy of the
25 completed general management plan to the Com-

1 mittee on Natural Resources of the House of Rep-
2 resentatives and the Committee on Energy and Nat-
3 ural Resources of the Senate.

4 **SEC. 2855. PRIVATE PROPERTY PROTECTION.**

5 (a) NO USE OF CONDEMNATION.—The Secretary of
6 the Interior may not acquire by condemnation any land
7 or interests in land under this subtitle or for the purposes
8 of this subtitle.

9 (b) WRITTEN CONSENT OF OWNER.—No non-Fed-
10 eral property may be included in the Shiloh National Mili-
11 tary Park without the written consent of the owner.

12 (c) NO BUFFER ZONE CREATED.—Nothing in this
13 subtitle, the establishment of the Shiloh National Military
14 Park, or the management plan for the Shiloh National
15 Military Park shall be construed to create buffer zones
16 outside of the Park. That activities or uses can be seen,
17 heard, or detected from areas within the Shiloh National
18 Military Park shall not preclude, limit, control, regulate,
19 or determine the conduct or management of activities or
20 uses outside of the Park.

1 **Subtitle G—Other Matters**

2 **SEC. 2861. MODIFICATION OF DEPARTMENT OF DEFENSE**
3 **GUIDANCE ON USE OF AIRFIELD PAVEMENT**
4 **MARKINGS.**

5 (a) **MODIFICATION REQUIRED.**—The Secretary of
6 Defense shall require such modifications of Unified Facili-
7 ties Guide Specifications for pavement markings (UFGS
8 32 17 23.00 20 Pavement Markings, UFGS 32 17 24.00
9 10 Pavement Markings), Air Force Engineering Technical
10 Letter ETL 97–18 (Guide Specification for Airfield and
11 Roadway Marking), and any other Department of Defense
12 guidance on airfield pavement markings as may be nec-
13 essary to prohibit the use of Type I glass beads or any
14 glass beads with a 1.6 refractive index or less from use
15 on airfield markings on airfields under the control of the
16 Secretary.

17 (b) **EFFECTIVE DATE.**—The modifications required
18 under subsection (a) shall apply with respect to procure-
19 ments occurring after September 30, 2018.

20 **SEC. 2862. AUTHORITY OF CHIEF OPERATING OFFICER OF**
21 **ARMED FORCES RETIREMENT HOME TO AC-**
22 **QUIRE AND LEASE PROPERTY.**

23 (a) **ACQUISITION OF PROPERTY.**—Section 1511(e) of
24 the Armed Forces Retirement Home Act of 1991 (24
25 U.S.C. 411(e)) is amended—

1 (1) in paragraph (2)—

2 (A) by striking “Secretary of Defense may
3 acquire,” and inserting “Chief Operating Offi-
4 cer may acquire,”; and

5 (B) by striking “Secretary may acquire”
6 and inserting “Chief Operating Officer may ac-
7 quire”; and

8 (2) in paragraph (3)—

9 (A) by striking “Secretary of Defense de-
10 termines” and inserting “Chief Operating Offi-
11 cer determines”; and

12 (B) by striking “Secretary shall dispose”
13 and inserting “Chief Operating Officer shall
14 dispose”.

15 (b) LEASING OF NON-EXCESS PROPERTY.—Sub-
16 section (i) of section 1511 of such Act (24 U.S.C. 411(i))
17 is amended—

18 (1) in paragraph (1)—

19 (A) by striking “Secretary of Defense (act-
20 ing on behalf of the Chief Operating Officer)”
21 and inserting “Chief Operating Officer”; and

22 (B) by striking “Secretary considers” and
23 inserting “Chief Operating Officer considers”;

24 (2) in paragraph (5), by striking “the Secretary
25 of Defense may not enter into the lease on behalf of

1 the Chief Operating Officer” and inserting “the
2 Chief Operating Officer may not enter into the
3 lease”; and

4 (3) in subparagraph (A) of paragraph (6), by
5 striking “Secretary of Defense” and inserting “Chief
6 Operating Officer”.

7 **SEC. 2863. RESTRICTIONS ON REHABILITATION OF OVER-**
8 **THE-HORIZON BACKSCATTER RADAR STA-**
9 **TION.**

10 (a) RESTRICTIONS.—Except as provided in sub-
11 section (b), the Secretary of the Air Force may not use
12 any funds or resources to carry out the rehabilitation of
13 the Over-the-Horizon Backscatter Radar Station on
14 Modoc National Forest land in Modoc County, California.

15 (b) EXCEPTION FOR MAINTENANCE OF PERIMETER
16 FENCE.—Notwithstanding subsection (a), the Secretary
17 may use funds and resources to maintain the perimeter
18 fence surrounding the Over-the-Horizon Backscatter
19 Radar Station.

20 **SEC. 2864. PERMITTING MACHINE ROOM-LESS ELEVATORS**
21 **IN DEPARTMENT OF DEFENSE FACILITIES.**

22 (a) IN GENERAL.—The Secretary of Defense shall
23 issue modifications to all relevant construction and facili-
24 ties specifications to ensure that machine room-less ele-
25 vators (MRLs) are not prohibited in buildings and facili-

1 ties throughout the Department of Defense, including
2 modifications to the Unified Facilities Guide Specifica-
3 tions (UFGS), the Naval Facilities Engineering Command
4 Interim Technical Guidance, and the Army Corps of Engi-
5 neers Engineering and Construction Bulletin.

6 (b) CONFORMING TO BEST PRACTICES.—In addition
7 to the modifications required under subsection (a), the
8 Secretary may issue further modifications to conform gen-
9 erally with commercial best practices as reflected in the
10 safety code for elevators and escalators as issued by the
11 American Society of Mechanical Engineers.

12 (c) DEADLINES.—The Secretary shall promulgate in-
13 terim MRL standards not later than 180 days after the
14 date of the enactment of this Act, and shall issue final
15 and formal MRL specifications not later than 1 year after
16 the date of the enactment of this Act.

17 (d) REPORT.—Not later than 1 year after the date
18 of the enactment of this Act, the Secretary shall issue a
19 report to the congressional defense committees on the inte-
20 gration and utilization of MRLs, including information on
21 quantity, location, problems, and successes.

1 **TITLE XXIX—OVERSEAS CONTIN-**
 2 **GENCY OPERATIONS MILI-**
 3 **TARY CONSTRUCTION**

4 **SEC. 2901. AUTHORIZED ARMY CONSTRUCTION AND LAND**
 5 **ACQUISITION PROJECTS.**

6 The Secretary of the Army may acquire real property
 7 and carry out the military construction projects for the
 8 installations outside the United States, and in the
 9 amounts, set forth in the following table:

Army: Outside the United States

Country	Installation	Amount
Cuba	Guantanamo	\$115,000,000
Turkey	Various Locations	\$6,400,000

10 **SEC. 2902. AUTHORIZED NAVY CONSTRUCTION AND LAND**
 11 **ACQUISITION PROJECT.**

12 The Secretary of the Navy may acquire real property
 13 and carry out the military construction project for the in-
 14 stallation outside the United States, and in the amount,
 15 set forth in the following table:

Navy: Outside the United States

Country	Installation	Amount
Djibouti	Camp Lemonnier	\$13,390,000

16 **SEC. 2903. AUTHORIZED AIR FORCE CONSTRUCTION AND**
 17 **LAND ACQUISITION PROJECTS.**

18 The Secretary of the Air Force may acquire real
 19 property and carry out the military construction projects

1 for the installations outside the United States, and in the
2 amounts, set forth in the following table:

Air Force: Outside the United States

Country	Installation	Amount
Estonia	Amari Air Base	\$13,900,000
Hungary	Keckemet Air Base	\$55,400,000
Iceland	Keflavik	\$14,400,000
Italy	Aviano AB	\$27,325,000
Jordan	Azraq	\$143,000,000
Latvia	Lielvarde Air Base	\$3,850,000
Luxembourg	Sanem	\$67,400,000
Norway	Rygge	\$10,300,000
Qatar	Al Udeid	\$15,000,000
Romania	Campia Turzii	\$2,950,000
Slovakia	Malacky	\$24,000,000
	Sliac Airport	\$22,000,000
Turkey	Incirlik Air Base	\$48,697,000

3 **SEC. 2904. AUTHORIZED DEFENSE AGENCIES CONSTRU-**
4 **CTION AND LAND ACQUISITION PROJECT.**

5 The Secretary of Defense may acquire real property
6 and carry out the military construction project for the in-
7 stallation outside the United States, and in the amount,
8 set forth in the following table:

Defense Agencies: Outside the United States

Country	Installation	Amount
Italy	Sigonella	\$22,400,000

9 **SEC. 2905. AUTHORIZATION OF APPROPRIATIONS.**

10 Funds are hereby authorized to be appropriated for
11 fiscal years beginning after September 30, 2017, for the
12 military construction projects outside the United States
13 authorized by this title as specified in the funding table
14 in section 4602.

1 **SEC. 2906. EXTENSION OF AUTHORIZATION OF CERTAIN**
 2 **FISCAL YEAR 2015 PROJECTS.**

3 (a) **EXTENSION.**—Notwithstanding section 2002 of
 4 the Military Construction Authorization Act for Fiscal
 5 Year 2015 (division B of Public Law 113-291; 128 Stat.
 6 3669), the authorizations set forth in the table in sub-
 7 section (b), as provided in section 2902 of that Act (128
 8 Stat. 3717), shall remain in effect until October 1, 2018,
 9 or the date of the enactment of an Act authorizing funds
 10 for military construction for fiscal year 2019, whichever
 11 is later.

12 (b) **TABLE.**—The table referred to in subsection (a)
 13 is as follows:

Extension of 2015 Air Force OCO Project Authorizations

Country	Installation	Project	Amount
Italy	Camp Darby	ERI: Improve Weapons Storage Facility	\$44,450,000
Poland	Lask Air Base	ERI: Improve Support Infrastructure	\$22,400,000

1 **DIVISION C—DEPARTMENT OF**
2 **ENERGY NATIONAL SECURITY**
3 **AUTHORIZATIONS AND**
4 **OTHER AUTHORIZATIONS**
5 **TITLE XXXI—DEPARTMENT OF**
6 **ENERGY NATIONAL SECURITY**
7 **PROGRAMS**
8 **Subtitle A—National Security**
9 **Programs Authorizations**

10 **SEC. 3101. NATIONAL NUCLEAR SECURITY ADMINISTRA-**
11 **TION.**

12 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
13 are hereby authorized to be appropriated to the Depart-
14 ment of Energy for fiscal year 2018 for the activities of
15 the National Nuclear Security Administration in carrying
16 out programs as specified in the funding table in division
17 D.

18 (b) AUTHORIZATION OF NEW PLANT PROJECTS.—
19 From funds referred to in subsection (a) that are available
20 for carrying out plant projects, the Secretary of Energy
21 may carry out new plant projects for the National Nuclear
22 Security Administration as follows:

23 Project 18–D–150, Surplus Plutonium Disposi-
24 tion, Savannah River Site, Aiken, South Carolina,
25 \$9,000,000.

1 Project 18-D-620, Exascale Computing Facility
2 Modernization Project, Lawrence Livermore Na-
3 tional Laboratory, Livermore, California,
4 \$3,000,000.

5 Project 18-D-650, Tritium Production Capa-
6 bility, Savannah River Site, Aiken, South Carolina,
7 \$6,800,000.

8 Project 18-D-660, Fire Station, Y-12 National
9 Security Complex, Oak Ridge, Tennessee,
10 \$28,000,000.

11 Project 18-D-670, Exascale Class Computer
12 Cooling Equipment, Los Alamos National Labora-
13 tory, Los Alamos, New Mexico, \$22,000,000.

14 Project 18-D-680, Material Staging Facility,
15 Pantex Plant, Amarillo, Texas, \$5,200,000.

16 Project 18-D-920, KL Fuel Development Lab-
17 oratory, Knolls Atomic Power Laboratory, Scheneec-
18 tady, New York, \$1,000,000.

19 Project 18-D-921, KS Overhead Piping, Kes-
20 selring Site, West Milton, New York, \$6,688,000.

21 Project 18-D-922, BL Component Test Com-
22 plex, Bettis Atomic Power Laboratory, West Mifflin,
23 Pennsylvania, \$3,000,000.

1 **SEC. 3102. DEFENSE ENVIRONMENTAL CLEANUP.**

2 (a) IN GENERAL.—Funds are hereby authorized to
3 be appropriated to the Department of Energy for fiscal
4 year 2018 for defense environmental cleanup activities in
5 carrying out programs as specified in the funding table
6 in division D.

7 (b) AUTHORIZATION OF NEW PLANT PROJECTS.—
8 From funds referred to in subsection (a) that are available
9 for carrying out plant projects, the Secretary of Energy
10 may carry out new plant projects for the National Nuclear
11 Security Administration as follows:

12 Project 18-D-401, Saltstone Disposal Units #8
13 and #9, Savannah River Site, Aiken, South Caro-
14 lina, \$500,000.

15 Project 18-D-402, Emergency Operations Cen-
16 ter Replacement, Savannah River Site, Aiken, South
17 Carolina, \$500,000.

18 Project 18-D-404, Modification of Waste En-
19 capsulation and Storage Facility, Hanford Site,
20 Richland, Washington, \$6,500,000.

21 **SEC. 3103. OTHER DEFENSE ACTIVITIES.**

22 Funds are hereby authorized to be appropriated to
23 the Department of Energy for fiscal year 2018 for other
24 defense activities in carrying out programs as specified in
25 the funding table in division D.

1 **SEC. 3104. NUCLEAR ENERGY.**

2 Funds are hereby authorized to be appropriated to
3 the Department of Energy for fiscal year 2018 for nuclear
4 energy as specified in the funding table in division D.

5 **Subtitle B—Program Authoriza-**
6 **tions, Restrictions, and Limita-**
7 **tions**

8 **SEC. 3111. NUCLEAR SECURITY ENTERPRISE INFRASTRUC-**
9 **TURE RECAPITALIZATION AND REPAIR.**

10 (a) FINDINGS.—Congress finds the following:

11 (1) On September 7, 2016, during testimony
12 before the Subcommittee on Strategic Forces of the
13 Committee on Armed Services of the House of Rep-
14 resentatives—

15 (A) the Administrator for Nuclear Secu-
16 rity, Frank Klotz, said—

17 (i) “Our infrastructure is extensive,
18 complex, and, in many critical areas, sev-
19 eral decades old. More than half of
20 NNSA’s approximately 6,000 real property
21 assets are over 40 years old, and nearly 30
22 percent date back to the Manhattan
23 Project era. Many of the enterprise’s crit-
24 ical utility, safety, and support systems are
25 failing at an increasing and unpredictable

1 rate, which poses both programmatic and
2 safety risk.”; and

3 (ii) “I can think of no greater threat
4 to the nuclear security enterprise than the
5 state of NNSA’s infrastructure.”;

6 (B) the President and Chief Executive Of-
7 ficer of Consolidated Nuclear Security, Morgan
8 Smith, said, “Many key facilities at both
9 [Pantex and Y-12] were constructed in the
10 1940s and were intended to operate for as little
11 as one decade. Many facilities and their sup-
12 porting infrastructure have exceeded or far ex-
13 ceeded their expected life, and major systems
14 within the facilities are beginning to fail.”; and

15 (C) the Director of Los Alamos National
16 Laboratory, Dr. Charlie McMillan, said, “One
17 of the things that keeps me up at night is the
18 realization that essential capabilities are held at
19 risk by the possibility of such failures; in many
20 cases, our enterprise has a single point of fail-
21 ure.”.

22 (2) In a letter sent on December 23, 2015, by
23 the Secretary of Energy, Ernest Moniz, to the Direc-
24 tor of the Office of Management and Budget, Shaun
25 Donovan, the Secretary said, “A majority of the Na-

1 tional Nuclear Security Administration’s (NNSA) fa-
2 cilities and systems are well beyond end-of-life. . .
3 Infrastructure problems such as falling ceilings are
4 increasing in frequency and severity, unacceptably
5 risking the safety and security of both personnel and
6 material at NNSA facilities, as well as in some in-
7 stances, potential offsite risks. The entire complex
8 could be placed at risk if there is a single failure
9 where a single point would disrupt a critical link in
10 infrastructure.”.

11 (3) The Nuclear Posture Review published in
12 April 2010 stated that “In order to sustain a safe,
13 secure, and effective U.S. nuclear stockpile as long
14 as nuclear weapons exist, the United States must
15 possess a modern physical infrastructure. . . To-
16 day’s nuclear complex, however, has fallen into ne-
17 glect. Although substantial science, technology, and
18 engineering investments were made over the last
19 decade under the auspices of the Stockpile Steward-
20 ship Program, the complex still includes many over-
21 sized and costly-to maintain facilities built during
22 the 1940s and 1950s. Some facilities needed for
23 working with plutonium and uranium date back to
24 the Manhattan Project. Safety, security, and envi-
25 ronmental issues associated with these aging facili-

1 ties are mounting, as are the costs of addressing
2 them.”.

3 (4) In 2009, the bipartisan Congressional Com-
4 mission on the Strategic Posture of the United
5 States established by section 1062 of the National
6 Defense Authorization for Fiscal Year 2008 (Public
7 Law 110–181; 122 Stat. 319) stated, with regards
8 to key production facilities, that “existing facilities
9 are genuinely decrepit and are maintained in a safe
10 and secure manner only at high cost”.

11 (5) Previous efforts to address the deferred
12 maintenance and repair challenges within the nu-
13 clear security enterprise, such as the Facilities In-
14 frastructure and Recapitalization Program and the
15 recent halt in the growth of backlog metrics, are
16 laudable but insufficient for the magnitude of the
17 problem.

18 (6) Recent figures provided by the Adminis-
19 trator for Nuclear Security estimate the backlog of
20 deferred maintenance and repair needs of the nu-
21 clear security enterprise to be approximately
22 \$3,700,000,000.

23 (b) FACILITIES AND INFRASTRUCTURE RECAPITAL-
24 IZATION AND REPAIR PROGRAM.—

1 (1) ESTABLISHMENT.—Not later than 30 days
2 after the date of the enactment of this Act, the Ad-
3 ministrator for Nuclear Security shall establish and
4 carry out a program known as the Facilities and In-
5 frastructure Recapitalization and Repair Program to
6 reduce the backlog of deferred maintenance and re-
7 pair needs of the nuclear security enterprise (as de-
8 fined in section 4002(6) of the Atomic Energy De-
9 fense Act (50 U.S.C. 2501(6)). The Administrator
10 shall ensure that, by not later than five years after
11 the date of the enactment of this Act, the program
12 achieves the goal of reducing such backlog of de-
13 ferred maintenance and repair needs by 50 percent.

14 (2) AUTHORITIES.—

15 (A) PROCESS.—

16 (i) IN GENERAL.—The Secretary of
17 Energy shall provide to the Administrator
18 a process that will enhance or streamline
19 the ability of the Administrator to carry
20 out the program under paragraph (1) in
21 an efficient and effective manner, including
22 with respect to—

23 (I) the demolition or construction
24 of non-nuclear facilities of the Admin-
25 istration that have a total estimated

1 project cost of less than
2 \$100,000,000; and

3 (II) the decontamination, decom-
4 missioning, and demolition (to be per-
5 formed in accordance with applicable
6 health and safety standards used by
7 the Defense Environmental Cleanup
8 Program) of process-contaminated fa-
9 cilities of the Administration that
10 have a total estimated project cost of
11 less than \$50,000,000.

12 (ii) FUNDING.—Clause (i) may be car-
13 ried out using amounts authorized to be
14 appropriated for fiscal year 2018 or any
15 subsequent fiscal year.

16 (B) APPLICATION OF CERTAIN REQUIRE-
17 MENTS.—For purposes of the Management Pro-
18 cedures Memorandum 2015–01 of the Office of
19 Management and Budget, or such successor
20 memorandum, in carrying out the program
21 under paragraph (1), the Administrator may—

22 (i) perform new construction during a
23 fiscal year that differs from the fiscal year
24 of corresponding facility demolition;

1 (ii) perform demolition of different fa-
2 cility category codes and have that demoli-
3 tion credit count towards the construction
4 of new facilities with a different facility
5 category code; and

6 (iii) have the net reduction in infra-
7 structure footprint for the five fiscal years
8 prior to the date of the enactment of this
9 Act, and the demolition during the five fis-
10 cal years following such date of enactment,
11 considered as a factor for the purpose of
12 meeting the intent of such memorandum.

13 (3) PLAN.—Together with the budget of the
14 President submitted to Congress under section
15 1105(a) of title 31, United States Code, for fiscal
16 year 2019, the Secretary and the Administrator
17 shall jointly submit to the Committees on Armed
18 Services of the House of Representatives and the
19 Senate a plan to carry out the program under para-
20 graph (1) to achieve the goal specified in such para-
21 graph. Such plan shall include—

22 (A) the funding required to carry out the
23 program during the period covered by the fu-
24 ture-years nuclear security program under sec-

1 tion 3253 of the National Nuclear Security Ad-
2 ministration Act (50 U.S.C. 2453);

3 (B) the criteria for selecting and
4 prioritizing projects within the program under
5 paragraph (1);

6 (C) mechanisms for ensuring the robust
7 management and oversight of such projects;

8 (D) a description of the process provided
9 to the Administrator to carry out the program
10 pursuant to paragraph (2)(A);

11 (E) a description of any legislative actions
12 the Secretary recommends to further enhance
13 or streamline authorities or processes relating
14 to the program; and

15 (F) a certification by the Secretary that
16 such budget will enable the program to meet
17 the goal specified in paragraph (1).

18 (4) **TERMINATION.**—The Administrator shall
19 terminate the program under paragraph (1) on the
20 date that is five years after the date of the enact-
21 ment of this Act.

22 (c) **INCLUSION IN BIENNIAL DETAILED REPORT.**—
23 Section 4203(d)(4) of the Atomic Energy Defense Act (50
24 U.S.C. 2523) is amended—

1 (1) in subparagraph (B), by striking “; and”
2 and inserting a semicolon;

3 (2) in subparagraph (C), by striking the period
4 at the end and inserting “; and”; and

5 (3) by adding at the end the following new sub-
6 paragraph:

7 “(D)(i) a description of—

8 “(I) the metrics (based on industry
9 best practices) used by the Administrator
10 to determine the infrastructure deferred
11 maintenance and repair needs of the nu-
12 clear security enterprise; and

13 “(II) the percentage of replacement
14 plant value being spent on maintenance
15 and repair needs of the nuclear security
16 enterprise; and

17 “(ii) an explanation of whether the annual
18 spending on such needs complies with the rec-
19 ommendation of the National Research Council
20 of the National Academies of Sciences, Engi-
21 neering, and Medicine that such spending be in
22 an amount equal to four percent of the replace-
23 ment plant value, and, if not, the reasons for
24 such noncompliance and a plan for how the Ad-
25 ministrator will ensure facilities of the nuclear

1 security enterprise are being properly sus-
2 tained.”.

3 (d) REQUIREMENTS RELATING TO CRITICAL DECI-
4 SIONS.—

5 (1) IN GENERAL.—Subtitle A of title XLVII of
6 the Atomic Energy Defense Act (50 U.S.C. 2741 et
7 seq.) is amended by adding at the end the following
8 new section:

9 **“SEC. 4715. MATTERS RELATING TO CRITICAL DECISIONS.**

10 “(a) POST-CRITICAL DECISION 2 CHANGES.—After
11 the date on which a plant project specifically authorized
12 by law achieves critical decision 2, the Administrator may
13 not change the requirements for such project if such
14 change increases the scope, schedule, or budget of such
15 project unless—

16 “(1) the Administrator submits to the congress-
17 sional defense committees—

18 “(A) a certification that the Administrator,
19 without delegation, authorizes such proposed
20 change; and

21 “(B) a cost-benefit and risk analysis of
22 such proposed change, including with respect
23 to—

1 “(i) the effects of such proposed
2 change on the project cost and schedule;
3 and

4 “(ii) any mission risks and operational
5 risks from making such change or not
6 making such change; and

7 “(2) a period of 15 days elapses following the
8 date of such submission.

9 “(b) REVIEW AND APPROVAL.—The Administrator
10 shall ensure that critical decision packages are timely re-
11 viewed and either approved or disapproved.”.

12 (2) CLERICAL AMENDMENT.—The table of con-
13 tents at the beginning of such Act is amended by in-
14 serting after the item relating to section 4714 the
15 following new item:

 “Sec. 4715. Matters relating to critical decisions.”.

16 (e) SENSE OF CONGRESS.—It is the sense of Con-
17 gress that—

18 (1) the nuclear security enterprise, comprised of
19 the infrastructure and capabilities of the laboratories
20 and plants coupled with the dedicated and talented
21 scientists, engineers, technicians, and administrators
22 who form the backbone of the enterprise, are a cen-
23 tral component of the nuclear deterrent of the
24 United States;

1 (2) if left unaddressed, the state of the infra-
2 structure within the nuclear security enterprise rep-
3 resents a direct, long-term threat to the credibility
4 of the nuclear deterrent of the United States;

5 (3) both Congress and the President must take
6 strong, sustained action to recapitalize and repair
7 this infrastructure;

8 (4) the Administrator must continue to carry
9 out expeditious demolition of old facilities of the Ad-
10 ministration to reduce long-term costs and improve
11 safety; and

12 (5) each budget of the President submitted to
13 Congress under section 1105(a) of title 31, United
14 States Code, for fiscal year 2019 and each fiscal
15 year thereafter during the life of the program estab-
16 lished pursuant to subsection (b)(1) should include
17 funding in an amount sufficient to carry out the
18 program to achieve the goal specified in such sub-
19 section.

20 **SEC. 3112. INCORPORATION OF INTEGRATED SURETY AR-**
21 **CHITECTURE IN TRANSPORTATION.**

22 (a) INCORPORATION.—Subtitle A of title XLII of the
23 Atomic Energy Defense Act (50 U.S.C. 2521 et seq.) is
24 amended by adding at the end the following new section:

1 **“SEC. 4222. INCORPORATION OF INTEGRATED SURETY AR-**
2 **CHITECTURE.**

3 “(a) SHIPMENTS.—(1) The Administrator shall en-
4 sure that shipments described in paragraph (2) incor-
5 porate surety technologies relating to transportation and
6 shipping developed by the Integrated Surety Architecture
7 program of the Administration.

8 “(2) A shipment described in this paragraph is an
9 over-the-road shipment of the Administration that involves
10 any nuclear weapon planned to be in the active stockpile
11 after 2025.

12 “(b) CERTAIN PROGRAMS.—(1) The Administrator,
13 in coordination with the Chairman of the Nuclear Weap-
14 ons Council, shall ensure that each program described in
15 paragraph (2) incorporate integrated designs compatible
16 with the Integrated Surety Architecture program.

17 “(2) A program described in this subsection is a pro-
18 gram of the Administration that is a warhead development
19 program, a life extension program, or a warhead major
20 alteration program.

21 “(c) DETERMINATION.—(1) If, on a case-by-case
22 basis, the Administrator determines that a shipment
23 under subsection (a) will not incorporate some or all of
24 the surety technologies described in such subsection, or
25 that a program under subsection (b) will not incorporate
26 some or all of the integrated designs described in such

1 subsection, the Administrator shall submit such deter-
2 mination to the congressional defense committees, includ-
3 ing the results of an analysis conducted pursuant to para-
4 graph (2).

5 “(2) Each determination made under paragraph (1)
6 shall be based on a documented, system risk analysis that
7 considers security risk reduction, operational impacts, and
8 technical risk.

9 “(e) TERMINATION.—The requirements of sub-
10 sections (a) and (b) shall terminate on December 31,
11 2029.”

12 (b) CLERICAL AMENDMENT.—The table of contents
13 for such Act is amended by inserting after the item relat-
14 ing to section 4221 the following new item:

“Sec. 4222. Incorporation of integrated surety architecture.”

15 (c) IMPLEMENTATION OF CERTAIN DIRECTION.—
16 The Administrator shall implement the direction relating
17 to this section contained in the classified annex accom-
18 panying this Act.

19 **SEC. 3113. COST ESTIMATES FOR LIFE EXTENSION PRO-**
20 **GRAM AND MAJOR ALTERATION PROJECTS.**

21 Subsection (b) of section 4217 of the Atomic Energy
22 Defense Act (50 U.S.C. 2537(b)) is amended to read as
23 follows:

24 “(b) INDEPENDENT COST ESTIMATES AND RE-
25 VIEWS.—(1) The Secretary, acting through the Adminis-

1 trator, shall submit to the congressional defense commit-
2 tees and the Nuclear Weapons Council the following:

3 “(A) An independent cost estimate of the fol-
4 lowing:

5 “(i) Each nuclear weapon system under-
6 going life extension at the completion of phase
7 6.2A, relating to design definition and cost
8 study.

9 “(ii) Each nuclear weapon system under-
10 going life extension at the completion of phase
11 6.3, relating to development engineering.

12 “(iii) Each nuclear weapon system under-
13 going life extension at the completion of phase
14 6.4, relating to production engineering, and be-
15 fore the initiation of phase 6.5, relating to first
16 production.

17 “(iv) Each new nuclear facility within the
18 nuclear security enterprise that is estimated to
19 cost more than \$500,000,000 before such facil-
20 ity achieves critical decision 1 and before such
21 facility achieves critical decision 2 in the acqui-
22 sition process.

23 “(v) Each nuclear weapons system under-
24 going a major alteration project (as defined in
25 section 2753(a)(2) of this title).

1 “(B) An independent cost review of each nu-
2 clear weapon system undergoing life extension at the
3 completion of phase 6.2, relating to study of feasi-
4 bility and down-select.

5 “(2) Each independent cost estimate and independent
6 cost review under paragraph (1) shall include—

7 “(A) whether the cost baseline or the budget es-
8 timate for the period covered by the future-years nu-
9 clear security program has changed, and the ration-
10 ale for any such change; and

11 “(B) any views of the Secretary or the Adminis-
12 trator regarding such estimate or review.

13 “(3) The Administrator shall review and consider the
14 results of any independent cost estimate or independent
15 cost review of a nuclear weapon system or a nuclear facil-
16 ity, as the case may be, under this subsection before enter-
17 ing the next phase of the development process of such sys-
18 tem or the acquisition process of such facility.

19 “(4) Each independent cost estimate or independent
20 cost review of a nuclear weapon system or a nuclear facil-
21 ity, as the case may be, under this subsection shall be sub-
22 mitted not later than 30 days after the date on which—

23 “(A) such system completes a phase specified in
24 paragraph (1); or

1 “(B) such facility achieves critical decision 1 as
2 specified in subparagraph (A)(iv) of such paragraph.

3 “(5) Each independent cost estimate or independent
4 cost review submitted under this subsection shall be sub-
5 mitted in unclassified form, but may include a classified
6 annex if necessary.”.

7 **SEC. 3114. BUDGET REQUESTS AND CERTIFICATION RE-**
8 **GARDING NUCLEAR WEAPONS DISMANTLE-**
9 **MENT.**

10 Section 3125 of the National Defense Authorization
11 Act for Fiscal Year 2017 (Public Law 114–328) is amend-
12 ed—

13 (1) by redesignating subsection (d) as sub-
14 section (f); and

15 (2) by inserting after subsection (c) the fol-
16 lowing new subsections:

17 “(d) BUDGET REQUESTS.—The Administrator for
18 Nuclear Security shall ensure that the budget of the Presi-
19 dent submitted to Congress under section 1105(a) of title
20 31, United States Code, for each of fiscal years 2019
21 through 2021 includes amounts for the nuclear weapons
22 dismantlement and disposition activities of the National
23 Nuclear Security Administration in accordance with the
24 limitation in subsection (a).

1 “(e) CERTIFICATION.—Not later than February 1,
2 2018, the Administrator shall certify to the congressional
3 defense committees that the Administrator is carrying out
4 the nuclear weapons dismantlement and disposition activi-
5 ties of the Administration in accordance with the limita-
6 tions in subsections (a) and (b).”.

7 **SEC. 3115. IMPROVED INFORMATION RELATING TO DE-**
8 **ENSE NUCLEAR NONPROLIFERATION RE-**
9 **SEARCH AND DEVELOPMENT PROGRAM.**

10 (a) IMPROVED INFORMATION.—Title XLIII of the
11 Atomic Energy Defense Act (50 U.S.C. 2563 et seq.) is
12 amended by adding at the end the following new section:

13 **“SEC. 4310. INFORMATION RELATING TO DEFENSE NU-**
14 **CLEAR NONPROLIFERATION RESEARCH AND**
15 **DEVELOPMENT PROGRAM AND ARMS CON-**
16 **TROL PROGRAM.**

17 “(a) TECHNOLOGIES AND CAPABILITIES.—The Ad-
18 ministrator shall document, for efforts that are not fo-
19 cused on basic research, the technologies and capabilities
20 of the defense nuclear nonproliferation research and devel-
21 opment program—

22 “(1) that are transitioned to end users for fur-
23 ther development or deployment; and

24 “(2) that are deployed.

1 “(b) ASSESSMENTS OF STATUS.—(1) In assessing
2 projects under the defense nuclear nonproliferation re-
3 search and development program or the defense nuclear
4 nonproliferation and arms control program, the Adminis-
5 trator shall compare the status of each such project, in-
6 cluding with respect to the final results of such project,
7 to the baseline targets and goals established in the initial
8 project plan of such project.

9 “(2) The Administrator may carry out paragraph (1)
10 using a common template or such other means as the Ad-
11 ministrator determines appropriate.”.

12 (b) INCLUSION IN PLAN.—Section 4309(b) of such
13 Act (50 U.S.C. 2575(b)) is amended—

14 (1) by redesignating paragraph (16) as para-
15 graph (18); and

16 (2) by inserting after paragraph (15) the fol-
17 lowing new paragraphs:

18 “(16) A summary of the technologies and capa-
19 bilities documented under section 4310(a).

20 “(17) A summary of the assessments conducted
21 under section 4310(b)(1).”.

1 **SEC. 3116. RESEARCH AND DEVELOPMENT OF ADVANCED**
2 **NAVAL REACTOR FUEL BASED ON LOW-EN-**
3 **RICHEd URANIUM.**

4 (a) PROHIBITION ON AVAILABILITY OF FUNDS FOR
5 FISCAL YEAR 2018.—

6 (1) RESEARCH AND DEVELOPMENT.—Except as
7 provided by paragraph (2), none of the funds au-
8 thorized to be appropriated by this Act or otherwise
9 made available for fiscal year 2018 for the Depart-
10 ment of Energy or the Department of Defense may
11 be obligated or expended to plan or carry out re-
12 search and development of an advanced naval nu-
13 clear fuel system based on low-enriched uranium.

14 (2) EXCEPTION.—Of the funds authorized to be
15 appropriated by this Act or otherwise made available
16 for fiscal year 2018 for defense nuclear nonprolifera-
17 tion, as specified in the funding table in division
18 D—

19 (A) \$5,000,000 shall be made available to
20 the Deputy Administrator for Naval Reactors of
21 the National Nuclear Security Administration
22 for low-enriched uranium activities (including
23 downblending of high-enriched uranium fuel
24 into low-enriched uranium fuel, research and
25 development using low-enriched uranium fuel,
26 or the modification or procurement of equip-

1 ment and infrastructure related to such activi-
2 ties) to develop an advanced naval nuclear fuel
3 system based on low-enriched uranium; and

4 (B) if the Secretary of Energy and the
5 Secretary of the Navy determine under section
6 3118(c)(1) of the National Defense Authoriza-
7 tion Act for Fiscal Year 2016 (Public Law
8 114–92; 129 Stat. 1196) that such low-enriched
9 uranium activities and research and develop-
10 ment should continue, an additional
11 \$30,000,000 may be made available to the Dep-
12 uty Administrator for such purpose.

13 (b) PROHIBITION ON AVAILABILITY OF FUNDS RE-
14 GARDING CERTAIN ACCOUNTS AND PURPOSES.—

15 (1) RESEARCH AND DEVELOPMENT AND PRO-
16 CUREMENT.—Chapter 633 of title 10, United States
17 Code, is amended by adding at the end the following
18 new section:

19 **“§ 7319. Requirements for availability of funds relat-**
20 **ing to advanced naval nuclear fuel sys-**
21 **tems based on low-enriched uranium**

22 “(a) AUTHORIZATION.—Low-enriched uranium ac-
23 tivities may only be carried out using funds authorized to
24 be appropriated or otherwise made available for the De-

1 partment of Energy for atomic energy defense activities
2 for defense nuclear nonproliferation.

3 “(b) PROHIBITION REGARDING CERTAIN AC-
4 COUNTS.—(1) None of the funds described in paragraph
5 (2) may be obligated or expended to carry out low-enriched
6 uranium activities.

7 “(2) The funds described in this paragraph are funds
8 authorized to be appropriated or otherwise made available
9 for any fiscal year for any of the following accounts:

10 “(A) Shipbuilding and conversion, Navy, or any
11 other account of the Department of Defense.

12 “(B) Any account within the atomic energy de-
13 fense activities of the Department of Energy other
14 than defense nuclear nonproliferation, as specified in
15 subsection (a).

16 “(3) The prohibition in paragraph (1) may not be su-
17 perseded except by a provision of law that specifically su-
18 persedes, repeals, or modifies this section. A provision of
19 law, including a table incorporated into an Act, that ap-
20 propriates funds described in paragraph (2) for low-en-
21 riched uranium activities may not be treated as specifically
22 superseding this section unless such provision specifically
23 cites to this section.

1 “(c) LOW-ENRICHED URANIUM ACTIVITIES DE-
2 FINED.—In this section, the term ‘low-enriched uranium
3 activities’ means the following:

4 “(1) Planning or carrying out research and de-
5 velopment of an advanced naval nuclear fuel system
6 based on low-enriched uranium.

7 “(2) Procuring ships that use low-enriched ura-
8 nium in naval nuclear propulsion reactors.”.

9 (2) CLERICAL AMENDMENT.—The table of sec-
10 tions at the beginning of such chapter is amended
11 by adding at the end the following new item:

“7319. Requirements for availability of funds relating to advanced naval nuclear
fuel systems based on low-enriched uranium”.

12 (c) REPORTS.—

13 (1) SSN(X) SUBMARINE.—Not later than 180
14 days after the date of the enactment of this Act, the
15 Secretary of the Navy and the Deputy Administrator
16 for Naval Reactors shall jointly submit to the Com-
17 mittees on Armed Services of the House of Rep-
18 resentatives and the Senate a report on the cost and
19 timeline required to assess the feasibility, costs, and
20 requirements for a design of the Virginia-class re-
21 placement nuclear attack submarine that would
22 allow for the use of a low-enriched uranium fueled
23 reactor, if technically feasible, without changing the
24 diameter of the submarine.

1 (2) RESEARCH AND DEVELOPMENT.—Not later
2 than 60 days after the date of the enactment of this
3 Act, the Deputy Administrator for Naval Reactors
4 shall submit to the Committees on Armed Services
5 of the House of Representatives and the Senate a
6 report on—

7 (A) the planned research and development
8 activities on low-enriched uranium and highly
9 enriched uranium fuel that could apply to the
10 development of a low-enriched uranium fuel or
11 an advanced highly enriched uranium fuel; and

12 (B) with respect to such activities for each
13 such fuel—

14 (i) the costs associated with such ac-
15 tivities; and

16 (ii) a detailed proposal for funding
17 such activities.

18 **SEC. 3117. PROHIBITION ON AVAILABILITY OF FUNDS FOR**
19 **PROGRAMS IN RUSSIAN FEDERATION.**

20 (a) PROHIBITION.—None of the funds authorized to
21 be appropriated by this Act or otherwise made available
22 for fiscal year 2018 for atomic energy defense activities
23 may be obligated or expended to enter into a contract
24 with, or otherwise provide assistance to, the Russian Fed-
25 eration.

1 (b) WAIVER.—The Secretary of Energy, without dele-
2 gation, may waive the prohibition in subsection (a) only
3 if—

4 (1) the Secretary determines, in writing, that a
5 nuclear-related threat arising in the Russian Federa-
6 tion must be addressed urgently and it is necessary
7 to waive the prohibition to address that threat;

8 (2) the Secretary of State and the Secretary of
9 Defense concur in the determination under para-
10 graph (1);

11 (3) the Secretary of Energy submits to the ap-
12 propriate congressional committees a report con-
13 taining—

14 (A) a notification that the waiver is in the
15 national security interest of the United States;

16 (B) justification for the waiver, including
17 the determination under paragraph (1); and

18 (C) a description of the activities to be car-
19 ried out pursuant to the waiver, including the
20 expected cost and timeframe for such activities;
21 and

22 (4) a period of seven days elapses following the
23 date on which the Secretary submits the report
24 under paragraph (3).

1 (c) EXCEPTION.—The prohibition under subsection
2 (a) and the requirements under subsection (b) to waive
3 that prohibition shall not apply to an amount, not to ex-
4 ceed \$3,000,000, that the Secretary may make available
5 for the Department of Energy Russian Health Studies
6 Program.

7 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
8 DEFINED.—In this section, the term “appropriate con-
9 gressional committees” means the following:

10 (1) The congressional defense committees.

11 (2) The Committee on Foreign Relations of the
12 Senate and the Committee on Foreign Affairs of the
13 House of Representatives.

14 **SEC. 3118. NATIONAL NUCLEAR SECURITY ADMINISTRA-**
15 **TION PAY AND PERFORMANCE SYSTEM.**

16 (a) PAY BANDING AND PERFORMANCE-BASED PAY
17 ADJUSTMENT DEMONSTRATION PROJECT.—

18 (1) EXTENSION.—The Administrator for Nu-
19 clear Security shall carry out the demonstration
20 project until the date that is five years after the date
21 of the enactment of this Act. The Administrator
22 shall carry out such project in accordance with the
23 demonstration project plan, including with respect to
24 the authority of the Administrator to modify such

1 system pursuant to such plan and waiving certain
2 authorities or requirements under such plan.

3 (2) NAVAL NUCLEAR PROPULSION PROGRAM.—

4 The Deputy Administrator for Naval Reactors may
5 carry out the demonstration project with respect to
6 the employees of the Naval Nuclear Propulsion Pro-
7 gram in positions in the competitive service.

8 (3) ROTATIONS.—In carrying out the dem-
9 onstration project, the Administrator shall authorize,
10 and establish incentives for, employees of the Na-
11 tional Nuclear Security Administration to have rota-
12 tional assignments among different programs of the
13 Administration, the headquarters and field offices of
14 the Administration, and the management and oper-
15 ating contractors of the Administration.

16 (4) REQUIREMENTS FOR SENIOR-LEVEL POSI-
17 TIONS.—The Administrator shall establish require-
18 ments for employees of the Administration who are
19 in the demonstration project to be promoted to sen-
20 ior-level positions in the Administration, including
21 requirements with respect to—

22 (A) professional training and continuing
23 education; and

1 (B) a certain number and types of rota-
2 tional assignments under paragraph (3), as de-
3 termined by the Administrator.

4 (5) DEFINITIONS.—In this subsection:

5 (A) The term “demonstration project”
6 means the National Nuclear Security Adminis-
7 tration Pay Banding and Performance-Based
8 Pay Adjustment Demonstration Project that is
9 carried out—

10 (i) pursuant to section 4703 of title 5,
11 United States Code; and

12 (ii) in accordance with the demonstra-
13 tion project plan and this subsection.

14 (B) The term “demonstration project
15 plan” means the demonstration project plan
16 published in the Federal Register on December
17 21, 2007 (72 Fed. Reg. 72,776).

18 (b) ROTATIONS FOR CERTAIN CONTRACTORS.—

19 (1) INCREASED USE.—The Administrator for
20 Nuclear Security shall increase the use of rotational
21 assignments of employees of the management and
22 operating contractors of the National Nuclear Secu-
23 rity Administration to the headquarters of the Ad-
24 ministration, the Department of Defense and the
25 military departments, the intelligence community,

1 and other departments and agencies of the Federal
2 Government.

3 (2) METHODS.—The Administrator shall carry
4 out paragraph (1) by—

5 (A) establishing incentives for—

6 (i) the management and operating
7 contractors of the Administration and the
8 employees of such contractors to partici-
9 pate in rotational assignments; and

10 (ii) the departments and agencies of
11 the Federal Government specified in such
12 paragraph to facilitate such assignments;

13 (B) providing professional and leadership
14 development opportunities during such assign-
15 ments;

16 (C) using details and other applicable au-
17 thorities and programs, including the mobility
18 program under subchapter VI of chapter 33 of
19 title 5, United States Code (commonly referred
20 to as the “Intergovernmental Personnel Act
21 Mobility Program”); and

22 (D) taking such other actions as the Ad-
23 ministrator determines appropriate to increase
24 the use of such rotational assignments.

25 (c) RED-TEAM ANALYSIS.—

1 (1) ANALYSIS.—The Director for Cost Esti-
2 mating and Program Evaluation of the National Nu-
3 clear Security Administration shall carry out a red-
4 team analysis of the Federal employee staffing
5 structure of the Administration with respect to the
6 Administrator for Nuclear Security meeting the au-
7 thorized personnel levels under section 3241A of the
8 National Nuclear Security Administration Act (50
9 U.S.C. 22441a).

10 (2) MATTERS INCLUDED.—The analysis under
11 paragraph (1) shall include assessments of—

12 (A) the number of Federal employees with-
13 in each program of the Administration, and
14 whether such numbers are appropriately bal-
15 anced with respect to the size, scope, functions,
16 budgets, and risks, of the program; and

17 (B) the number of Senior Executive Serv-
18 ice positions within the Administration, includ-
19 ing a comparison of such number to other com-
20 parable departments and agencies of the Fed-
21 eral Government, and whether such number is
22 appropriate.

23 (d) BRIEFINGS.—

24 (1) IN GENERAL.—Not later than 180 days
25 after the date of the enactment of this Act—

1 (A) the Administrator for Nuclear Security
2 shall provide a briefing to the appropriate con-
3 gressional committees on the implementation
4 of—

5 (i) section 3248 of the National Nu-
6 clear Security Administration Act, as
7 added by subsection (a); and

8 (ii) subsection (b); and

9 (B) the Director for Cost Estimating and
10 Program Evaluation shall provide to such com-
11 mittees a briefing on the analysis under sub-
12 section (c).

13 (2) APPROPRIATE CONGRESSIONAL COMMIT-
14 TEES DEFINED.—In this subsection, the term “ap-
15 propriate congressional committees” means—

16 (A) the Committees on Armed Services of
17 the House of Representatives and the Senate;

18 (B) the Committee on Energy and Com-
19 merce of the House of Representatives;

20 (C) the Committee on Energy and Natural
21 Resources of the Senate; and

22 (D) the Committee on Oversight and Gov-
23 ernment Reform of the House of Representa-
24 tives.

1 **SEC. 3119. DISPOSITION OF WEAPONS-USABLE PLUTONIUM.**

2 (a) IN GENERAL.—Subject to subsection (b), the Sec-
3 retary of Energy shall carry out construction and project
4 support activities relating to the MOX facility using funds
5 authorized to be appropriated by this Act or otherwise
6 made available for fiscal year 2018 for the National Nu-
7 clear Security Administration for the MOX facility for
8 construction and project support activities.

9 (b) WAIVER.—The Secretary of Energy may waive
10 the requirement in subsection (a) if the Secretary submits
11 to the Committees on Armed Services of the House of
12 Representatives and the Senate the following:

13 (1) The matters required by section 3116(b)(3)
14 of the National Defense Authorization Act for Fiscal
15 Year 2017 (Public Law 114–328; 130 Stat. 2761).

16 (2) Notification that the Secretary has sought
17 to enter into consultations with any relevant State
18 necessary to pursue an alternative option for car-
19 rying out the plutonium disposition program.

20 (3) Notification that the Secretary has been un-
21 able to enter into a fixed-price contract with the
22 prime contractor of the MOX facility (for construc-
23 tion and project support activities under subsection
24 (a)) that the Secretary determines sufficiently mini-
25 mizes risk and cost to the Department of Energy.

26 (4) Certification that—

1 (A) an alternative option for carrying out
2 the plutonium disposition program exists;

3 (B) the total lifecycle cost of such alter-
4 native option would be less than approximately
5 half of the estimated remaining total lifecycle
6 cost of the mixed-oxide fuel program; and

7 (C) pursuing such alternative option is in
8 the best interest of the Federal Government.

9 (5) The commitment of the Secretary to—

10 (A) remove plutonium from South Caro-
11 lina; and

12 (B) ensure a sustainable future for the Sa-
13 vannah River Site.

14 (c) DEFINITIONS.—In this section:

15 (1) The term “MOX facility” means the mixed-
16 oxide fuel fabrication facility at the Savannah River
17 Site, Aiken, South Carolina.

18 (2) The term “project support activities” means
19 activities that support the design, long-lead equip-
20 ment procurement, and site preparation of the MOX
21 facility.

22 **SEC. 3120. MODIFICATION OF MINOR CONSTRUCTION**
23 **THRESHOLD FOR PLANT PROJECTS.**

24 Section 4701 of the Atomic Energy Defense Act (50
25 U.S.C. 2741) is amended—

1 (1) by striking “In this subtitle:” and inserting
2 the following:

3 “(a) IN GENERAL.—In this subtitle:”;

4 (2) in paragraph (2), by striking
5 “\$10,000,000” and inserting “\$20,000,000, subject
6 to adjustment under subsection (b)”;

7 (3) by adding at the end the following new sub-
8 section:

9 “(b) ADJUSTMENT OF MINOR CONSTRUCTION
10 THRESHOLD FOR INFLATION.—(1) The Secretary of En-
11 ergy shall adjust the amount of the minor construction
12 threshold on October 1, 2017, and at the beginning of
13 each fiscal year thereafter, to reflect the percentage (if
14 any) of the increase in the average of the Consumer Price
15 Index for the preceding 12-month period compared to the
16 Consumer Price Index for fiscal year 2016.

17 “(2) In adjusting the amount of the minor construc-
18 tion threshold under paragraph (1), the Secretary—

19 “(A) shall round the amount of any increase in
20 the Consumer Price Index to the nearest dollar; and

21 “(B) may ignore any such increase of less than
22 1 percent.

23 “(3) For purposes of this subsection, the term ‘Con-
24 sumer Price Index’ means the Consumer Price Index for

1 All Urban Consumers published by the Bureau of Labor
2 Statistics of the Department of Labor.”.

3 **SEC. 3121. DESIGN COMPETITION.**

4 (a) FINDINGS.—Congress finds the following:

5 (1) In January 2016, the co-chairs of a con-
6 gressionally-mandated study panel from the National
7 Academies of Science testified before the House
8 Committee on Armed Services that:

9 (A) “The National Nuclear Security Ad-
10 ministration (NNSA) complex must engage in
11 robust design competitions in order to exercise
12 the design and production skills that underpin
13 stockpile stewardship and are necessary to meet
14 evolving threats.”

15 (B) “To exercise the full set of design
16 skills necessary for an effective nuclear deter-
17 rent, the NNSA should develop and conduct the
18 first in what the committee envisions to be a se-
19 ries of design competitions that integrate the
20 full end-to-end process from novel design con-
21 ception through engineering, building, and non-
22 nuclear testing of a prototype.”

23 (2) In March 2016 testimony before the House
24 Committee on Armed Services regarding a December
25 2016 Defense Science Board (DSB) report titled,

1 “Seven Defense Priorities for the New Administra-
2 tion”, members of the DSB said:

3 (A) “A key contributor to nuclear deter-
4 rence is the continuous, adaptable exercise of
5 the development, design, and production func-
6 tions for nuclear weapons in both the DOD and
7 DOE... Yet the DOE laboratories and DOD
8 contractor community have done little inte-
9 grated design and development work outside of
10 life extension for 25 years, let alone concept de-
11 velopment that could serve as a hedge to sur-
12 prise.”

13 (B) “The Defense Science Board believes
14 that the triad’s complementary features remain
15 robust tenets for the design of a future force.
16 Replacing our current, aging force is essential,
17 but not sufficient in the more complex nuclear
18 environment we now face to provide the adapt-
19 ability or flexibility to confidently hold at risk
20 what adversaries value. In particular, if the
21 threat evolves in ways that favorably change the
22 cost/benefit calculus in the view of an adver-
23 sary’s leadership, then we should be in a posi-
24 tion to quickly restore a credible deterrence pos-
25 ture.”

1 (3) In a memorandum dated May 9, 2014,
2 then-Secretary of Energy Ernie Moniz said:

3 (A) “If nuclear military capabilities are to
4 provide deterrence for the nation they need to
5 be relevant to the emerging global strategic en-
6 vironment. The current stockpile was designed
7 to meet the needs of a bipolar world with roots
8 in the Cold War era. A more complex, chaotic,
9 and dynamic security environment is emerging.
10 In order to uphold the Department’s mission to
11 ensure an effective nuclear deterrent... we must
12 ensure our nuclear capabilities meet the chal-
13 lenges of known and potential geopolitical and
14 technological trends. Therefore we must look
15 ahead, using the expertise of our laboratories,
16 to how the capabilities that may be employed by
17 other nations could impact deterrence over the
18 next several decades.”

19 (B) “We must challenge our thinking
20 about our programs of record in order to permit
21 foresighted actions that may reduce, in the
22 coming decades, the chances for surprise and
23 that buttress deterrence.”

24 (b) DESIGN COMPETITION.—

1 (1) IN GENERAL.—In accordance with para-
2 graph (2), the Administrator for Nuclear Security,
3 in coordination with the Chairman of the Nuclear
4 Weapons Council, shall carry out a new and com-
5 prehensive design competition for a nuclear warhead
6 that could be employed on ballistic missiles of the
7 United States by 2030. Such competition shall—

8 (A) examine options for warhead design
9 and related delivery system requirements in the
10 2030s, including—

11 (i) life extension of existing weapons;

12 (ii) new capabilities; and

13 (iii) such other concepts that the Ad-
14 ministrators and Chairmen determine nec-
15 essary to fully exercise and create respon-
16 sive design capabilities in the enterprise
17 and ensure a robust nuclear deterrent into
18 the 2030s;

19 (B) assess how the capabilities and de-
20 fenses that may be employed by other nations
21 could impact deterrence in 2030 and beyond
22 and how such threats could be addressed or
23 mitigated in the warhead and related delivery
24 systems;

1 (C) exercise the full set of design skills
2 necessary for an effective nuclear deterrent and
3 responsive enterprise through production of
4 conceptual designs and, as the Administrator
5 determines appropriate, production of non-nu-
6 clear prototypes of components or subsystems;
7 and

8 (D) examine and recommend actions for
9 significantly shortening timelines and signifi-
10 cantly reducing costs associated with design, de-
11 velopment, certification, and production of the
12 warhead, without reducing worker or public
13 health and safety.

14 (2) TIMING.—The Administrator shall—

15 (A) during fiscal year 2018 develop a plan
16 to carry out paragraph (1); and

17 (B) during fiscal year 2019 implement
18 such plan.

19 (c) BRIEFING.—Not later than March 1, 2018, the
20 Administrator, in coordination with the Chairman of the
21 Nuclear Weapons Council, shall provide a briefing to the
22 Committees on Armed Services of the Senate and House
23 of Representatives on the plan of the Administrator to
24 carry out the warhead design competition under sub-
25 section (b). Such briefing shall include an assessment of

1 the costs, benefits, risks, and opportunities of such plan,
2 particularly impacts to ongoing life extension programs
3 and infrastructure projects.

4 **SEC. 3122. DEPARTMENT OF ENERGY COUNTERINTEL-**
5 **LIGENCE POLYGRAPH PROGRAM.**

6 Section 4504(b) of the Atomic Energy Defense Act
7 (50 U.S.C. 2654(b)) is amended by adding at the end the
8 following new paragraph:

9 “(4) The regulations prescribed under paragraph (1)
10 shall ensure that the persons subject to the counterintel-
11 ligence polygraph program required by subsection (a) in-
12 clude any person who is—

13 “(A) a United States national who also has the
14 nationality of a foreign state; and

15 “(B) seeking employment with the National
16 Nuclear Security Administration.”.

17 **SEC. 3123. SECURITY CLEARANCE FOR DUAL-NATIONALS**
18 **EMPLOYED BY NATIONAL NUCLEAR SECUR-**
19 **RITY AGENCY.**

20 (a) IN GENERAL.—The National Nuclear Security
21 Administration Act (50 U.S.C. 2401 et seq.) is amended
22 by inserting after section 3236 the following new section:

1 **“SEC. 3237. SECURITY CLEARANCE FOR DUAL NATIONALS**
2 **OF HIGH THREAT FOREIGN STATES.**

3 “(a) IN GENERAL.—In the case of an individual who
4 is a United States national who also has the nationality
5 of a foreign state that is on the list maintained by the
6 Secretary of Energy under subsection (a) and who is ap-
7 pointed to or hired for a position designated by the Office
8 of Personnel Management as critical sensitive or special
9 sensitive, the Secretary shall provide additional review be-
10 fore approving a security clearance for such individual.

11 “(b) WAIVER.—

12 “(1) WAIVER AUTHORITY.—In the case of a
13 person who is a United States national who also has
14 the nationality of a foreign state identified under
15 paragraph (2), the Secretary may waive the require-
16 ment under subsection (a).

17 “(2) FOREIGN STATES.—The Director of Na-
18 tional Intelligence shall identify foreign states that
19 permit citizens or nationals of the United States to
20 serve in positions of trust equivalent to positions
21 identified by the Office of Personnel Management as
22 critical sensitive or special sensitive.”.

23 (b) CLERICAL AMENDMENT.—The table of contents
24 at the beginning of such Act is amended by inserting after
25 the item relating to section 3236 the following new item:

“Sec. 3237. Security clearance for dual nationals of high threat foreign states.”.

1 **SEC. 3124. ANNUAL REPORTS ON UNFUNDED PRIORITIES**
2 **OF THE NATIONAL NUCLEAR SECURITY AD-**
3 **MINISTRATION.**

4 (a) ANNUAL REPORTS.—Not later than 10 days after
5 the date on which the budget of the President for a fiscal
6 year is submitted to Congress pursuant to section 1105
7 of title 31, the Administrator for Nuclear Security shall
8 submit to the Secretary of Energy and the congressional
9 defense committees a report on the unfunded priorities of
10 the National Nuclear Security Administration.

11 (b) ELEMENTS.—

12 (1) IN GENERAL.—Each report under sub-
13 section (a) shall specify, for each unfunded priority
14 covered by such report, the following:

15 (A) A summary description of such pri-
16 ority, including the objectives to be achieved if
17 such priority is funded (whether in whole or in
18 part).

19 (B) The additional amount of funds rec-
20 ommended in connection with the objectives
21 under subparagraph (A).

22 (C) Account information with respect to
23 such priority.

1 (2) PRIORITIZATION OF PRIORITIES.—Each re-
2 port shall present the unfunded priorities covered by
3 such report in order of urgency of priority.

4 (c) UNFUNDED PRIORITY DEFINED.—In this section,
5 the term “unfunded priority”, in the case of a fiscal year,
6 means a program, activity, or mission requirement that—

7 (1) is not funded in the budget of the President
8 for the fiscal year as submitted to Congress pursu-
9 ant to section 1105 of title 31;

10 (2) is necessary to fulfill a requirement associ-
11 ated with the National Nuclear Security Administra-
12 tion; and

13 (3) would have been recommended for funding
14 through the budget referred to in paragraph (1) by
15 the Administrator in connection with the budget if—

16 (A) additional resources had been available
17 for the budget to fund the program, activity, or
18 mission requirement; or

19 (B) the program, activity, or mission re-
20 quirement has emerged since the budget was
21 formulated.

22 **SEC. 3125. PLUTONIUM CAPABILITIES.**

23 (a) REPORT.—Not later than 30 days after the date
24 of the enactment of this Act, the Administrator for Nu-
25 clear Security shall submit to the congressional defense

1 committees, the Secretary of Defense, and the Comptroller
2 General of the United States a report on the recommended
3 alternative endorsed by the Administrator for recapitaliza-
4 tion of plutonium science and production capabilities of
5 the nuclear security enterprise. The report shall identify
6 the recommended alternative endorsed by the Adminis-
7 trator and contain the analysis of alternatives, including
8 costs, upon which the Administrator relied in making such
9 endorsement.

10 (b) CERTIFICATION.—Not later than 60 days after
11 the date on which the Secretary of Defense receives the
12 notification under subsection (a), the Chairman of the Nu-
13 clear Weapons Council shall submit to the congressional
14 defense committees the written certification of the Chair-
15 man regarding whether the recommended alternative en-
16 dorsed by the Administrator—

17 (1) is acceptable to the Secretary of Defense
18 and the Nuclear Weapons Council and meets the re-
19 quirements of the Secretary for plutonium pit pro-
20 duction capacity and capability;

21 (2) is likely to meet the pit production timelines
22 and milestones required by section 4219 of the
23 Atomic Energy Defense Act (50 U.S.C. 2538a);

1 (3) is likely to meet pit production timelines
2 and requirements responsive to military require-
3 ments;

4 (4) is cost effective and has reasonable near-
5 term and lifecycle costs that are minimized, to the
6 extent practicable, as compared to other alternatives,
7 and has tested and documented the sensitivity of the
8 cost estimates for each alternative to risks and
9 changes in key assumptions;

10 (5) contains minimized and manageable risks as
11 compared to other alternatives;

12 (6) can be acceptably reconciled with any dif-
13 ferences in the conclusions made by the Office of
14 Cost Assessment and Program Evaluation of the
15 Department of Defense in the business case analysis
16 of plutonium pit production capability issued in
17 2013; and

18 (7) has documented the assumptions and con-
19 straints used in the analysis of alternatives.

20 (c) FAILURE TO CERTIFY.—If the Chairman is un-
21 able to submit the certification under subsection (b), the
22 Chairman shall submit to the congressional defense com-
23 mittees and the Administrator written notification describ-
24 ing why the Chairman is unable to make such certification
25 and what steps the Administrator should take to improve

1 the plan of the Administrator to recapitalize plutonium pit
2 production capacity and capability to enable certification.

3 (d) ASSESSMENT.—Not later than 120 days after the
4 date on which the Comptroller General receives the notifi-
5 cation under subsection (a), the Comptroller General shall
6 provide to the congressional defense committees a briefing
7 containing the assessment of the Comptroller General of
8 the analysis of alternatives conducted by the Adminis-
9 trator to select a preferred alternative for recapitalizing
10 plutonium science and production capabilities.

11 **SEC. 3126. PLAN FOR VERIFICATION, DETECTION, AND**
12 **MONITORING OF NUCLEAR WEAPONS AND**
13 **FISSILE MATERIAL.**

14 (a) FINDINGS AND SENSE OF CONGRESS.—

15 (1) FINDINGS.—Congress finds the following:

16 (A) A January 2014 Defense Science
17 Board report found that “The nuclear future
18 will not be a linear extrapolation of the
19 past. . . [and] [t]he technologies and processes
20 designed for current treaty verification and in-
21 spections are inadequate to future monitoring
22 realities”.

23 (B) Section 3133 of the Carl Levin and
24 Howard P. “Buck” McKeon National Defense
25 Authorization Act for Fiscal Year 2015 (Public

1 Law 113–291) required an interagency plan for
2 nuclear monitoring of nuclear weapons and
3 fissile material, and section 3132 of the Na-
4 tional Defense Authorization Act for Fiscal
5 Year 2017 (Public Law 114–328) required an
6 update of such plan. In both instances, the re-
7 ports submitted failed to answer the congres-
8 sional requirements, and instead provided only
9 a brief summary of the National Security Coun-
10 cil structure and processes.

11 (2) SENSE OF CONGRESS.—It is the sense of
12 Congress that verification, detection, and monitoring
13 of nuclear weapons and fissile material should be a
14 priority for national security, and that the reports
15 submitted to date do not reflect this priority, or the
16 current and planned initiatives related to nuclear
17 verification and detection.

18 (b) PLAN.—The President, in consultation with the
19 Secretary of State, the Secretary of Defense, the Secretary
20 of Energy, the Secretary of Homeland Security, and the
21 Director of National Intelligence, shall develop a plan for
22 verification and monitoring relating to the potential pro-
23 liferation of nuclear weapons, components of such weap-
24 ons, and fissile material.

1 (c) ELEMENTS.—The plan developed under sub-
2 section (b) shall include the following:

3 (1) A plan and road map for verification, detec-
4 tion and monitoring, with respect to policy, oper-
5 ations, and research, development, testing, and eval-
6 uation, including—

7 (A) identifying requirements;

8 (B) costs and funding requirements over
9 10 years for such nuclear verification, detection
10 and monitoring; and

11 (C) identifying and integrating roles, re-
12 sponsibilities, and planning for such nuclear
13 verification, detection and monitoring.

14 (2) A detailed international engagement plan
15 for building cooperation and transparency, including
16 bilateral and multilateral efforts, to improve inspec-
17 tions, detection, and monitoring.

18 (3) A detailed description of—

19 (A) current and planned research and de-
20 velopment efforts to improve monitoring, detec-
21 tion, and in-field inspection and analysis capa-
22 bilities, including persistent surveillance, remote
23 monitoring, and rapid analysis of large data
24 sets, including open-source data; and

1 (B) measures to coordinate technical and
2 operational requirements early in the process.

3 (4) Engagement of relevant departments and
4 agencies of the Federal Government and the military
5 departments (including the Open Source Center and
6 the United States Atomic Energy Detection Sys-
7 tem), national laboratories, industry, and academia.

8 (d) DESIGNATION OF DOE.—The President shall
9 designate the Department of Energy as the lead agency
10 for development of the plan under subsection (b).

11 (e) BRIEFING.—Not later than 30 days after the date
12 of the enactment of this Act, the Secretary of Energy, act-
13 ing through the Administrator for Nuclear Security, shall
14 provide to the appropriate congressional committees an in-
15 terim briefing on the plan under subsection (b).

16 (f) LIMITATION.—Of the funds authorized to be ap-
17 propriated by this Act or otherwise made available for fis-
18 cal year 2018 for the Department of Defense for sup-
19 porting the Executive Office of the President,
20 \$10,000,000 may not be obligated or expended until the
21 date on which the President submits to the appropriate
22 congressional committees the plan under subsection
23 (g)(1).

24 (g) SUBMISSION.—

1 (1) DEADLINE.—Not later than April 15, 2018,
2 the President shall submit to the appropriate con-
3 gressional committees the plan developed under sub-
4 section (b).

5 (2) FORM.—The plan under subsection (b) shall
6 be transmitted in unclassified form, but, consistent
7 with the protection of intelligence sources and meth-
8 ods, may include a classified annex.

9 (h) APPROPRIATE CONGRESSIONAL COMMITTEES
10 DEFINED.—In this section, the term “appropriate con-
11 gressional committees” means the following:

12 (1) The congressional defense committees.

13 (2) The Select Committee on Intelligence of the
14 Senate and the Permanent Select Committee on In-
15 telligence of the House of Representatives.

16 (3) The Committee on Foreign Relations of the
17 Senate and the Committee on Foreign Affairs of the
18 House of Representatives.

19 (4) The Committee on Homeland Security and
20 Governmental Affairs of the Senate and the Com-
21 mittee on Homeland Security of the House of Rep-
22 resentatives.

23 (5) The Committee on Commerce, Science, and
24 Transportation of the Senate and the Committee on

1 Energy and Commerce of the House of Representa-
2 tives.

3 **Subtitle C—Plans and Reports**

4 **SEC. 3131. MODIFICATION OF CERTAIN REPORTING RE-** 5 **QUIREMENTS.**

6 (a) STATUS OF NUCLEAR MATERIALS PROTECTION,
7 CONTROL, AND ACCOUNTING PROGRAM.—

8 (1) REPEAL.—Section 4303 of the Atomic En-
9 ergy Defense Act (50 U.S.C. 2563) is repealed.

10 (2) CLERICAL AMENDMENT.—The table of con-
11 tents for the Atomic Energy Defense Act is amended
12 by striking the item relating to section 4303.

13 (b) STATUS OF SECURITY OF ATOMIC ENERGY DE-
14 FENSE FACILITIES.—Section 4506 of the Atomic Energy
15 Defense Act (50 U.S.C. 2657) is amended by striking “of
16 each year” each place it appears and inserting “of each
17 even-numbered year”.

18 (c) SECURITY RISKS POSED TO NUCLEAR WEAPONS
19 COMPLEX.—

20 (1) INCLUDED IN SSMP.—Section 4203 of the
21 Atomic Energy Defense Act (50 U.S.C. 2523) is
22 amended—

23 (A) in subsection (c)—

24 (i) by redesignating paragraph (7) as
25 paragraph (8); and

1 (ii) by inserting after paragraph (6)
2 the following new paragraph (7):

3 “(7) A summary of the status of the plan re-
4 garding the research and development, deployment,
5 and lifecycle sustainment of technologies described
6 in subsection (d)(7).”; and

7 (B) in subsection (d)—

8 (i) by redesignating paragraph (7) as
9 paragraph (8); and

10 (ii) by inserting after paragraph (6)
11 the following new paragraph (7):

12 “(7) A plan for the research and development,
13 deployment, and lifecycle sustainment of the tech-
14 nologies employed within the nuclear security enter-
15 prise to address physical and cybersecurity threats
16 during the five-fiscal-year period following the date
17 of the plan, together with—

18 “(A) for each site in the nuclear security
19 enterprise, a description of the technologies de-
20 ployed to address the physical and cybersecurity
21 threats posed to that site;

22 “(B) for each site and for the nuclear se-
23 curity enterprise, the methods used by the Ad-
24 ministration to establish priorities among in-

1 vestments in physical and cybersecurity tech-
2 nologies; and

3 “(C) a detailed description of how the
4 funds identified for each program element spec-
5 ified pursuant to paragraph (1) in the budget
6 for the Administration for each fiscal year dur-
7 ing that five-fiscal-year period will help carry
8 out that plan.”.

9 (2) CONFORMING AMENDMENT.—Section
10 3253(b) of the National Nuclear Security Adminis-
11 tration Act (50 U.S.C. 2453) is amended by striking
12 paragraph (5).

13 (d) SELECTED ACQUISITION REPORTS.—Section
14 4217(a) of the Atomic Energy Defense Act (50 U.S.C.
15 2537(a)) is amended by striking “fiscal-year quarter”
16 each place it appears and inserting “fiscal year”.

17 (e) LONG-TERM PLAN FOR MEETING NATIONAL SE-
18 CURITY REQUIREMENTS FOR UNENCUMBERED URA-
19 NIUM.—Section 4221(a) of the Atomic Energy Defense
20 Act (50 U.S.C. 2538c(a)) is amended by striking “Concur-
21 rent with the submission to Congress of the budget of the
22 President under section 1105(a) of title 31, United States
23 Code, in” and inserting “Not later than December 31 of”.

1 (f) DEFENSE NUCLEAR NONPROLIFERATION MAN-
2 AGEMENT PLAN.—Section 4309 of the Atomic Energy De-
3 fense Act (50 U.S.C. 2575) is amended—

4 (1) in subsection (a), by striking “IN GEN-
5 ERAL.—Concurrent with the submission to Congress
6 of the budget of the President under section 1105(a)
7 of title 31, United States Code, in each fiscal year”
8 and inserting “PLAN.—Not later than March 31 of
9 each odd-numbered year”;

10 (2) by redesignating subsection (c) as sub-
11 section (d);

12 (3) by inserting after subsection (b) the fol-
13 lowing new subsection (c):

14 “(c) UPDATED SUMMARY.—Not later than March 31
15 of each even-numbered year, the Administrator shall sub-
16 mit to the congressional defense committees an updated
17 summary of the plan submitted under subsection (a) dur-
18 ing the previous year.”; and

19 (4) in subsection (d), as so redesignated, by in-
20 serting “and the updated summary required by sub-
21 section (c)” before “shall be submitted”.

1 **SEC. 3132. ASSESSMENT OF MANAGEMENT AND OPERATING**
2 **CONTRACTS OF NATIONAL SECURITY LAB-**
3 **ORATORIES.**

4 (a) ASSESSMENT.—Not later than 30 days after the
5 date of the enactment of this Act, the Administrator for
6 Nuclear Security shall seek to enter into a contract with
7 a federally funded research and development center to con-
8 duct an assessment of the benefits, costs, challenges, risks,
9 efficiency, and effectiveness of the strategy of the Admin-
10 istrator with respect to management and operating con-
11 tracts for national security laboratories. The Adminis-
12 trator may not award such contract to a federally funded
13 research and development center for which the Depart-
14 ment of Energy or the National Nuclear Security Adminis-
15 tration is the primary sponsor.

16 (b) COOPERATION.—The Administrator, and the di-
17 rector of each national security laboratory, shall provide
18 to the federally funded research and development center
19 conducting the assessment under subsection (a) the infor-
20 mation the center requires to conduct such assessment.

21 (c) SUBMISSION.—

22 (1) NNSA.—Not later than 90 days after the
23 date on which the Administrator and a federally
24 funded research and development center enter into
25 the contract under subsection (a), the center shall
26 submit to the Administrator a report on the assess-

1 ment conducted under such subsection. Such report
2 shall include the following:

3 (A) An assessment of the acquisition strat-
4 egy and the contract oversight process of the
5 Administrator, and of the use of for-profit man-
6 agement and operating contractors at national
7 security laboratories, and whether such strat-
8 egy, process, and contractors provide the best
9 outcomes to the Federal Government with re-
10 spect to performance, cost, efficiency, and effec-
11 tiveness.

12 (B) An assessment of the total costs, for
13 each national security laboratory, that are in-
14 curred because of using a for-profit model for
15 the management and operating contract that
16 would not be incurred under a nonprofit model,
17 and whether performance, costs, efficiency, and
18 effectiveness would be expected to increase or
19 decrease under a nonprofit model.

20 (C) An assessment of whether the Admin-
21 istrator is appropriately using, managing, and
22 overseeing the national security laboratories
23 with respect to the nature of the laboratories as
24 federally funded research and development cen-
25 ters.

1 (2) CONGRESS.—Not later than 30 days after
2 the date on which the Administrator receives the re-
3 port under paragraph (1), the Administrator shall
4 submit to the Committees on Armed Services of the
5 House of Representatives and the Senate such re-
6 port, without change, together with any comments
7 the Administrator determines appropriate.

8 (3) LIMITATION.—

9 (A) AWARD OR EXTENSION OF CON-
10 TRACT.—None of the funds authorized to be
11 appropriated by this Act or otherwise made
12 available for fiscal year 2018 for the National
13 Nuclear Security Administration may be obli-
14 gated or expended to award, or to extend, a
15 management and operating contract for a na-
16 tional security laboratory until the date on
17 which the Administrator submits to the con-
18 gressional defense committees the report under
19 paragraph (2).

20 (B) WAIVER FOR EXTENSION.—The Sec-
21 retary of Energy may waive the limitation in
22 subparagraph (A) with respect to the extension
23 of a management and operating contract for a
24 national security laboratory if the Secretary—

- 1 (i) determines such waiver is required
2 in the interest of national security; and
3 (ii) notifies the Committees on Armed
4 Services of the House of Representatives
5 and the Senate of such determination.

6 (d) SENSE OF CONGRESS.—It is the sense of Con-
7 gress that nothing in this section should be construed to
8 mandate or encourage an extension of an existing manage-
9 ment and operating contract for a national security lab-
10 oratory.

11 (e) NATIONAL SECURITY LABORATORY DEFINED.—
12 In this section, the term “national security laboratory”
13 has the meaning given that term in section 4002(7) of
14 the Atomic Energy Defense Act (50 U.S.C. 2501(7)).

15 **SEC. 3133. EVALUATION OF CLASSIFICATION OF CERTAIN**
16 **DEFENSE NUCLEAR WASTE.**

17 (a) EVALUATION.—The Secretary of Energy shall
18 conduct an evaluation of the feasibility, costs, and cost
19 savings of classifying certain defense nuclear waste as
20 other than high-level radioactive waste, without decreasing
21 environmental, health, or public safety requirements.

22 (b) MATTERS INCLUDED.—In conducting the evalua-
23 tion under subsection (a), the Secretary shall consider—

- 24 (1) the estimated quantities and locations of
25 certain defense nuclear waste;

1 (2) the potential disposal path for such waste;

2 (3) the estimated disposal timeline for such
3 waste;

4 (4) the estimated costs for disposal of such
5 waste, and potential cost savings;

6 (5) the potential effect on existing consent or-
7 ders, permits, and agreements;

8 (6) the basis by which the Secretary would
9 make a decision on whether to reclassify such waste;
10 and

11 (7) any such other matters relating to defense
12 nuclear waste that the Secretary determines appro-
13 priate.

14 (c) REPORT.—Not later than February 1, 2018, the
15 Secretary shall submit to the appropriate congressional
16 committees a report on the evaluation under subsection
17 (a), including a description of—

18 (1) the consideration by the Secretary of the
19 matters under subsection (b);

20 (2) any actions the Secretary has taken or
21 plans to take to change the processes, rules, regula-
22 tions, orders, or directives, relating to defense nu-
23 clear waste, as appropriate;

24 (3) any recommendations for legislative action
25 the Secretary determines appropriate; and

1 (4) the assessment of the Secretary regarding
2 the benefits and risks of the actions and rec-
3 ommendations of the Secretary under paragraphs
4 (1) and (2).

5 (d) DEFINITIONS.—In this section:

6 (1) The term “appropriate congressional com-
7 mittees” means the following:

8 (A) The congressional defense committees.

9 (B) The Committee on Energy and Com-
10 merce of the House of Representatives.

11 (C) The Committee on Energy and Nat-
12 ural Resources of the Senate.

13 (2) The term “certain defense nuclear waste”
14 means radioactive waste that—

15 (A) resulted from the reprocessing of spent
16 nuclear fuel that was generated from atomic en-
17 ergy defense activities; and

18 (B) contains more than 100 nCi/g of
19 alpha-emitting transuranic isotopes with half-
20 lives greater than 20 years.

21 **SEC. 3134. REPORT ON CRITICAL DECISION-1 ON MATERIAL**
22 **STAGING FACILITY PROJECT.**

23 Not later than October 31, 2017, the Administrator
24 for Nuclear Security shall submit to the congressional de-
25 fense committees a report containing the following:

1 (1) The decision memorandum of the Adminis-
2 trator with respect to Critical Decision–1 on the Ma-
3 terial Staging Facility project at the Pantex Plant.

4 (2) The preferred alternative approved by the
5 Administrator for such Critical Decision–1.

6 (3) The cost-range estimates, including a de-
7 scription of the costs saved or avoided from not car-
8 rying out recapitalization and sustainment of Area 4
9 at the Pantex Plant.

10 (4) The schedule-range estimates that include
11 completion of the Material Staging Facility by 2024.

12 (5) The risk factors and risk mitigation and
13 management options relating to the Material Stag-
14 ing Facility.

15 (6) The expected improvements to operations
16 and security provided by the Material Staging Facil-
17 ity, once operational, including the potential annual
18 cost savings.

19 (7) Such other matters as the Administrator
20 considers appropriate.

21 **SEC. 3135. MODIFICATION TO STOCKPILE STEWARDSHIP,**
22 **MANAGEMENT, AND RESPONSIVENESS PLAN.**

23 Section 4203 of the Atomic Energy Defense Act (50
24 U.S.C. 2523), as amended by section 3131, is further
25 amended—

1 (1) in subsection (c)—

2 (A) by redesignating paragraph (8) as
3 paragraph (9); and

4 (B) by inserting after paragraph (7) the
5 following new paragraph (8):

6 “(8) A summary of the assessment under sub-
7 section (d)(8) regarding the execution of the pro-
8 grams with current and projected budgets and any
9 associated risks.”; and

10 (2) in subsection (d)—

11 (A) by redesignating paragraph (8) as
12 paragraph (9); and

13 (B) by inserting after paragraph (7) the
14 following new paragraph (8):

15 “(8) An assessment of whether the programs
16 described by the report can be executed with current
17 and projected budgets and any associated risks.”.

18 **SEC. 3136. IMPROVED REPORTING FOR ANTI-SMUGGLING**

19 **RADIATION DETECTION SYSTEMS.**

20 (a) ANNUAL REPORT.—Together with the submission
21 to Congress of the budget of the President under section
22 1105(a) of title 31, United States Code, for each of fiscal
23 years 2019 through 2021, the Administrator for Nuclear
24 Security shall submit to the congressional defense commit-
25 tees a report regarding any anti-smuggling radiation de-

1 tection systems that the Administrator proposes to deploy
2 during the fiscal year covered by the budget.

3 (b) MATTERS INCLUDED.—Each report under sub-
4 section (a) shall include the following:

5 (1) The probability of detection for the anti-
6 smuggling radiation detection systems covered by
7 the report against realistic potential smuggling
8 threats, including shielded and unshielded uranium,
9 plutonium, and other special nuclear material.

10 (2) The costs associated with the deployments
11 of such systems, including costs to the United States
12 and costs to any host nation.

13 (3) Options for technological advances that
14 would make radiation detection less expensive or
15 more effective.

16 (4) The benefits to the national security of the
17 United States resulting from the deployments of
18 such systems.

19 **SEC. 3137. ANNUAL SELECTED ACQUISITION REPORTS ON**
20 **CERTAIN HARDWARE RELATING TO DEFENSE**
21 **NUCLEAR NONPROLIFERATION.**

22 (a) ANNUAL SELECTED ACQUISITION REPORTS.—

23 (1) IN GENERAL.—At the end of each fiscal
24 year, the Administrator for Nuclear Security shall
25 submit to the congressional defense committees a re-

1 port on each covered hardware project. The reports
2 shall be known as Selected Acquisition Reports for
3 the covered hardware program concerned.

4 (2) MATTERS INCLUDED.—The information
5 contained in the Selected Acquisition Report for a
6 fiscal year for a covered hardware project shall be
7 the information contained in the Selected Acquisition
8 Report for such fiscal year for a major defense ac-
9 quisition program under section 2432 of title 10,
10 United States Code, expressed in terms of the cov-
11 ered hardware project.

12 (b) COVERED HARDWARE PROJECT DEFINED.—In
13 this section, the term “covered hardware project” means
14 projects carried out under the defense nuclear non-
15 proliferation research and development program that—

16 (1) are focused on the production and deploy-
17 ment of hardware, including with respect to the de-
18 velopment and deployment of satellites or satellite
19 payloads; and

20 (2) exceed \$500,000,000 in total program cost
21 over the course of five years.

22 **SEC. 3138. ASSESSMENT OF DESIGN TRADE OPTIONS OF**
23 **W80-4 WARHEAD.**

24 (a) ASSESSMENT.—The Director for Cost Estimating
25 and Program Evaluation shall conduct an assessment of

1 the design trade options, and the associated cost and ben-
2 efit analyses for each such option, for the W80-4 warhead
3 relating to the down-select options to be contained in the
4 final Phase 6.2 study report. Such assessment shall in-
5 clude a review of the cost and schedule estimates of each
6 such option.

7 (b) ASSESSMENT AND BRIEFING.—

8 (1) NNSA.—Not later than 60 days after the
9 date of the enactment of this Act, the Director shall
10 submit to the Administrator for Nuclear Security
11 the assessment under subsection (a).

12 (2) CONGRESS.—Not later than 90 days after
13 the date of the enactment of this Act, the Adminis-
14 trator shall provide to the congressional defense
15 committees a briefing containing a copy of the
16 assessment under subsection (a), without change,
17 and any views of the Administrator.

18 (3) FORM.—The assessment submitted under
19 paragraph (2) shall be submitted in unclassified
20 form, but may include a classified annex.

21 **SEC. 3139. SENSE OF CONGRESS REGARDING URANIUM**
22 **MINING AND NUCLEAR TESTING.**

23 It is the sense of Congress that the United States
24 should compensate and recognize all of the miners, work-
25 ers, downwinders, and others suffering from the effects

1 of uranium mining and nuclear testing carried out during
2 the Cold War.

3 **SEC. 3140. PLAN TO FURTHER MINIMIZE THE USE OF HIGH-**
4 **LY ENRICHED URANIUM FOR MEDICAL ISO-**
5 **TOPES.**

6 (a) PLAN.—The Secretary of Energy, in consultation
7 with the Secretary of State, shall develop and assess a
8 plan, including with respect to the benefits, risks, costs,
9 and opportunities of the plan, to—

10 (1) take additional actions to promote the wider
11 utilization of molybdenum-99 and technetium-99m
12 produced without the use of highly enriched uranium
13 targets, such as, at a minimum, by—

14 (A) eliminating the availability of highly
15 enriched uranium for Mo-99 by buying back
16 U.S.-origin highly enriched uranium in raw or
17 target form from global Mo-99 suppliers; and

18 (B) restricting or placing financial pen-
19 alties on the import of Mo-99 produced with
20 highly enriched uranium targets;

21 (2) work with global molybdenum suppliers and
22 regulators to reduce the proliferation hazard from
23 reprocessing waste from medical isotope production
24 containing U.S.-origin highly enriched uranium; and

1 (3) ensure an adequate supply of molybdenum-
2 99 and technetium-99 at all times, and both assess
3 and mitigate any risks to such supply during a tran-
4 sition to production without the use of highly en-
5 riched uranium.

6 (b) SUBMISSION.—

7 (1) IN GENERAL.—Not later than April 1,
8 2018, the Secretary of Energy shall submit to the
9 appropriate congressional committees a report con-
10 taining the plan and assessment under subsection
11 (a).

12 (2) FORM.—The report under paragraph (1)
13 shall be submitted in unclassified form, but may in-
14 clude a classified annex.

15 (3) APPROPRIATE CONGRESSIONAL COMMIT-
16 TEES DEFINED.—In this section, the term “appro-
17 priate congressional committees” means—

18 (A) the congressional defense committees;

19 (B) the Committee on Foreign Affairs and
20 the Committee on Energy and Commerce of the
21 House of Representatives; and

22 (C) the Committee on Foreign Relations
23 and the Committee on Energy and Natural Re-
24 sources of the Senate.

1 **TITLE XXXII—DEFENSE NU-**
2 **CLEAR FACILITIES SAFETY**
3 **BOARD**

4 **SEC. 3201. AUTHORIZATION.**

5 There are authorized to be appropriated for fiscal
6 year 2018, \$30,600,000 for the operation of the Defense
7 Nuclear Facilities Safety Board under chapter 21 of the
8 Atomic Energy Act of 1954 (42 U.S.C. 2286 et seq.).

9 **TITLE XXXIV—NAVAL**
10 **PETROLEUM RESERVES**

11 **SEC. 3401. AUTHORIZATION OF APPROPRIATIONS.**

12 (a) AMOUNT.—There are hereby authorized to be ap-
13 propriated to the Secretary of Energy \$4,900,000 for fis-
14 cal year 2018 for the purpose of carrying out activities
15 under chapter 641 of title 10, United States Code, relating
16 to the naval petroleum reserves.

17 (b) PERIOD OF AVAILABILITY.—Funds appropriated
18 pursuant to the authorization of appropriations in sub-
19 section (a) shall remain available until expended.

20 **TITLE XXXV—MARITIME**
21 **ADMINISTRATION**

22 **SEC. 3501. AUTHORIZATION OF THE MARITIME ADMINIS-**
23 **TRATION.**

24 There are authorized to be appropriated to the De-
25 partment of Transportation for fiscal year 2018, to be

1 available without fiscal year limitation if so provided in
2 appropriations Acts, for programs associated with main-
3 taining the United States merchant marine, the following
4 amounts:

5 (1) For expenses necessary for operations of the
6 United States Merchant Marine Academy,
7 \$84,400,000, of which—

8 (A) \$66,400,000 shall be for Academy op-
9 erations; and

10 (B) \$18,000,000 shall remain available
11 until expended for capital asset management at
12 the Academy.

13 (2) For expenses necessary to support the State
14 maritime academies, \$27,400,000, of which—

15 (A) \$2,400,000 shall remain available until
16 September 30, 2019, for the Student Incentive
17 Program;

18 (B) \$3,000,000 shall remain available until
19 expended for direct payments to such acad-
20 emies; and

21 (C) \$22,000,000 shall remain available
22 until expended for maintenance and repair of
23 State maritime academy training vessels.

24 (3) For expenses necessary to support the Na-
25 tional Security Multi-Mission Vessel Program,

1 \$36,000,000, which shall remain available until ex-
2 pended.

3 (4) For expenses necessary to support Maritime
4 Administration operations and programs,
5 \$60,020,000.

6 (5) For expenses necessary to maintain and
7 preserve a United States flag merchant marine to
8 serve the national security needs of the United
9 States under chapter 531 of title 46, United States
10 Code, \$300,000,000.

11 (6) For expenses necessary to provide assist-
12 ance for small shipyards and maritime communities
13 under section 54101 of title 46, United States Code,
14 \$30,000,000, which shall remain available until ex-
15 pended for capital and related improvements.

16 (7) For the cost (as defined in section 502(5)
17 of the Federal Credit Reform Act of 1990 (2 U.S.C.
18 661a(5))) of loan guarantees under the program au-
19 thorized by chapter 537 of title 46, United States
20 Code, \$40,000,000.

21 **SEC. 3502. MERCHANT SHIP SALES ACT OF 1946.**

22 (a) AMENDMENTS.—The Merchant Ship Sales Act of
23 1946 (50 U.S.C. 4401 et seq.) is amended by—

24 (1) repealing the first section and sections 2, 3,
25 5, 12, and 14;

1 (2) in section 8, redesignating subsection (d) as
2 section 56308 of title 46, United States Code, trans-
3 ferring it to appear after section 56307 of such title;
4 and

5 (3) redesignating section 11 as section 57100 of
6 title 46, United States Code, and transferring it to
7 appear before section 57101 of such title.

8 (b) CONFORMING AND CLERICAL AMENDMENTS.—

9 (1) Section 2218 of title 10, United States
10 Code, is amended by striking “section 11 of the
11 Merchant Ship Sales Act of 1946 (50 U.S.C. App.
12 1744)” each place it appears and inserting “section
13 57100 of title 46”.

14 (2) Section 3134 of title 40, United States
15 Code, is amended—

16 (A) by striking “31,” and inserting “31
17 or”;

18 (B) by striking “or the Merchant Ship
19 Sales Act of 1946 (50 App. U.S.C. 1735 et
20 seq.),”.

21 (3) Section 3703a(b)(6) of title 46, United
22 States Code, is amended by striking “section 11 of
23 the Merchant Ship Sales Act of 1946 (50 App.
24 U.S.C. 1744)” and inserting “section 57100”.

1 (4) Section 52101(c)(1)(A)(i) of title 46,
2 United States Code, is amended by striking “section
3 11 of the Merchant Ship Sales Act of 1946 (50 App.
4 U.S.C. 1744)” and inserting “section 57100”.

5 (5) Section 56308 of title 46, United States
6 Code, as redesignated and transferred by subsection
7 (a)(2) of this section, is amended—

8 (A) by striking so much as precedes “ves-
9 sel constructed” and inserting the following:

10 **“§ 56308. Transfer of substitute vessels**

11 “In the case of any”;

12 (B) by inserting “of Transportation” after
13 “Secretary”; and

14 (C) by striking “adjustments with respect
15 to the retained vessels as provided for in section
16 9, and”.

17 (6) Section 57100 of title 46, United States
18 Code, as redesignated and transferred by subsection
19 (a)(3) of this section, is amended—

20 (A) by striking so much as precedes the
21 text of subsection (a) and inserting the fol-
22 lowing:

23 **“§ 57100. National Defense Reserve Fleet**

24 “(a) FLEET COMPONENTS.—”;

1 (B) in subsection (b), by inserting before
2 the first sentence the following: “PERMITTED
3 USES.—”; and

4 (C) in subsection (e)—

5 (i) by inserting before the first sen-
6 tence the following: “EXEMPTION FROM
7 TANK VESSEL CONSTRUCTION STAND-
8 ARDS.—”; and

9 (ii) by striking “of title 46, United
10 States Code”.

11 (7) Section 57101 of title 46, United States
12 Code, is amended by striking “maintained under
13 section 11 of the Merchant Ship Sales Act of 1946
14 (50 App. 1744)”.

15 (8) The analysis for chapter 563 of title 46,
16 United States Code, is amended by inserting after
17 the item relating to section 56307 the following:

“56308. Transfer of substitute vessels.”.

18 (9) The analysis for chapter 571 of title 46,
19 United States Code, is amended by inserting before
20 the item relating to section 57101 the following:

“57100. National Defense Reserve Fleet.”.

1 **SEC. 3503. MARITIME SECURITY FLEET PROGRAM; RE-**
2 **STRICTION ON OPERATION FOR NEW EN-**
3 **TRANTS.**

4 (a) RESTRICTION.—Section 53105(a) of title 46,
5 United States Code, is amended—

6 (1) in paragraph (1)(A), by inserting “, except
7 as provided in paragraph (2),” after “in the foreign
8 commerce or”;

9 (2) in paragraph (1)(B), by striking “and”
10 after the semicolon at the end;

11 (3) by redesignating paragraph (2) as para-
12 graph (3); and

13 (4) by inserting after paragraph (1) the fol-
14 lowing:

15 “(2) in the case of a vessel, other than a re-
16 placement vessel under subsection (f), first covered
17 by an operating agreement after the date of the en-
18 actment of the National Defense Authorization Act
19 for Fiscal Year 2018, the vessel shall not be oper-
20 ated in the transportation of cargo between points in
21 the United States and its territories either directly
22 or via a foreign port; and”.

23 (b) CONFORMING AMENDMENTS.—Section 53106 of
24 title 46, United States Code, is amended—

25 (1) in subsection (b), by striking “section
26 53105(a)(1)” and inserting “paragraph (1) and (2)

1 of section 53105(a), as otherwise applicable with re-
2 spect to such vessel,”; and

3 (2) in subsection (d)(3), by striking “section
4 53105(a)(1)” and inserting “paragraph (1) and (2)
5 of section 53105(a), as otherwise applicable with re-
6 spect to such vessel”.

7 **SEC. 3504. CODIFICATION OF SECTIONS RELATING TO AC-**
8 **QUISITION, CHARTER, AND REQUISITION OF**
9 **VESSELS.**

10 (a) EMERGENCY FOREIGN VESSEL ACQUISITION;
11 PURCHASE OR REQUISITION OF VESSELS LYING IDLE IN
12 UNITED STATES WATERS.—The first section of the Act
13 of August 9, 1954 (ch. 659; 50 U.S.C. 196)—

14 (1) is redesignated as section 56309 of title 46,
15 United States Code, and transferred to appear at
16 the end of chapter 563 of such title, as otherwise
17 amended by this title; and

18 (2) is amended—

19 (A) by striking “That during” and insert-
20 ing the following:

21 **“§ 56309. Emergency foreign vessel acquisition; pur-**
22 **chase or requisition of vessels lying idle**
23 **in United States waters**

24 “During”;

1 (B) by striking “section 902 of the Mer-
2 chant Marine Act, 1936, as amended” each
3 place it appears and inserting “this chapter”;
4 and

5 (C) by striking “the second paragraph of
6 subsection (d) of such section 902, as amend-
7 ed” and inserting “section 56305”.

8 (b) VOLUNTARY PURCHASE OR CHARTER AGREE-
9 MENTS.—Section 2 of such Act (50 U.S.C. 197)—

10 (1) is redesignated as section 56310 of title 46,
11 United States Code, and transferred to appear after
12 section 56309 of such title (as amended by sub-
13 section (a)); and

14 (2) is amended—

15 (A) by striking so much as proceeds “Dur-
16 ing” and inserting the following:

17 **“§ 56310. Voluntary purchase or charter agreements”;**

18 **and**

19 (B) by striking “section 902 of the Mer-
20 chant Marine Act, 1936,” and inserting “this
21 chapter”.

22 (c) REQUISITIONED VESSELS.—Section 3 of such Act
23 (50 U.S.C. 198)—

24 (1) is redesignated as section 56311 of title 46,
25 United States Code, and transferred to appear after

1 section 56310 of such title (as amended by sub-
2 sections (a) and (b));

3 (2) is amended by striking so much as precedes
4 subsection (a) and inserting the following:

5 **“§ 56311. Requisitioned vessels”; and**

6 (3) is amended—

7 (A) except as provided in subparagraphs
8 (B) and (C), by striking “this Act” each place
9 it appears and inserting “section 56309 or
10 56310, as applicable”;

11 (B) in subsection (c)—

12 (i) in the first sentence, by striking
13 “this Act” and inserting “section 56309 or
14 56310, as applicable,”; and

15 (ii) by striking “The second para-
16 graph of section 9 of the Shipping Act,
17 1916, as amended,” and inserting “Section
18 57109”; and

19 (C) in subsection (d)—

20 (i) in the first sentence by striking
21 “provisions of section 3709 of the Revised
22 Statutes” and inserting “section 6101 of
23 title 41”;

24 (ii) in the second sentence—

1 (I) by striking “this Act” and in-
2 serting “section 56309 or 56310, as
3 applicable,”; and

4 (II) by striking “said section
5 3709” and inserting “section 6101 of
6 title 41”;

7 (iii) by striking “title VII of the Mer-
8 chant Marine Act, 1936” and inserting
9 “chapter 575”; and

10 (iv) by striking subsection (f).

11 (d) DOCUMENTED DEFINED.—Chapter 563 of title
12 46, United States Code, as amended by this section, is
13 further amended by adding at the end the following:

14 **“§ 56312. Documented defined**

15 “In sections 56309 through 56311, the term ‘docu-
16 mented’ means, with respect to a vessel, that a certificate
17 of documentation has been issued for the vessel under
18 chapter 121.”.

19 (e) CLERICAL AMENDMENT.—The analysis for chap-
20 ter 563 of title 46, United States Code, as otherwise
21 amended by this title, is further amended by adding at
22 the end the following:

“56309. Emergency foreign vessel acquisition; purchase or requisition of vessels
lying idle in United States waters

“56310. Voluntary purchase or charter agreements

“56311. Requisitioned vessels

“56312. Documented defined”.

1 (f) REFERENCES.—Any reference in a law, regula-
2 tion, document, paper, or other record of the United
3 States to a section that is redesignated and transferred
4 by this section is deemed to refer to such section as so
5 redesignated and transferred.

6 **SEC. 3505. ASSISTANCE FOR SMALL SHIPYARDS.**

7 (a) IN GENERAL.—Section 54101 of title 46, United
8 States Code, is amended—

9 (1) in the section heading, by striking “**and**
10 **maritime communities**”;

11 (2) in subsection (a)(2), by striking “in commu-
12 nities” and all that follows through the period and
13 inserting “relating to shipbuilding, ship repair, and
14 associated industries.”;

15 (3) in subsection (b), by amending paragraph
16 (1) to read as follows:

17 “(1) consider projects that foster—

18 “(A) efficiency, competitive operations, and
19 quality ship construction, repair, and reconfig-
20 uration; and

21 “(B) employee skills and enhanced produc-
22 tivity related to shipbuilding, ship repair, and
23 associated industries; and”;

24 (4) in subsection (c)(1)—

1 (A) by inserting “to” after “may be used”;

2 and

3 (B) by striking subparagraphs (A), (B),

4 and (C) and inserting the following:

5 “(A) make capital and related improve-
6 ments in small shipyards; and

7 “(B) provide training for workers in ship-
8 building, ship repair, and associated indus-
9 tries.”;

10 (5) in subsection (d), by striking “unless” and
11 all that follows before the period;

12 (6) in subsection (e)—

13 (A) by striking paragraph (2);

14 (B) by redesignating paragraph (3) as
15 paragraph (2); and

16 (C) in paragraph (1) by striking “Except
17 as provided in paragraph (2),”; and

18 (7) in subsection (i), by striking “2015” and all
19 that follows before the period and inserting “2018
20 and 2019 to carry out this section \$30,000,000”.

21 (b) CLERICAL AMENDMENT.—The analysis for chap-
22 ter 541 of title 46, United States Code, is amended by
23 striking the item relating to section 54101 and inserting
24 the following:

“54101. Assistance for small shipyards.”.

1 **SEC. 3506. REPORT ON SEXUAL ASSAULT VICTIM RECOV-**
2 **ERY IN THE COAST GUARD.**

3 (a) IN GENERAL.—Not later than 180 days after the
4 date of the enactment of this Act, the Commandant of
5 the Coast Guard shall submit to the Committee on Trans-
6 portation and Infrastructure of the House of Representa-
7 tives and the Committee on Commerce, Science, and
8 Transportation of the Senate a report on sexual assault
9 prevention and response policies of the Coast Guard and
10 strategic goals related to sexual assault victim recovery.

11 (b) CONTENTS.—The report shall—

12 (1) describe Coast Guard strategic goals relat-
13 ing to sexual assault climate, prevention, response,
14 and accountability, and actions taken by the Coast
15 Guard to promote sexual assault victim recovery;

16 (2) explain how victim recovery is being incor-
17 porated into Coast Guard strategic and pro-
18 grammatic guidance related to sexual assault pre-
19 vention and response;

20 (3) examine current Coast Guard sexual assault
21 prevention and response policy with respect to—

22 (A) Coast Guard criteria for what com-
23 prises sexual assault victim recovery;

24 (B) alignment of Coast Guard personnel
25 policies to enhance—

1 (i) an approach to sexual assault re-
2 sponse that gives priority to victim recov-
3 ery;

4 (ii) upholding individual privacy and
5 dignity; and

6 (iii) the opportunity for the continu-
7 ation of Coast Guard service by sexual as-
8 sault victims; and

9 (C) sexual harassment response, including
10 a description of the circumstances under which
11 sexual harassment is considered a criminal of-
12 fense; and

13 (4) to ensure victims and supervisors under-
14 stand the full scope of resources available to aid in
15 long-term recovery, explain how the Coast Guard in-
16 forms its workforce about changes to sexual assault
17 prevention and response policies related to victim re-
18 covery.

19 **SEC. 3507. CENTERS OF EXCELLENCE.**

20 (a) IN GENERAL.—Chapter 541 of title 46, United
21 States Code, is amended by adding at the end the fol-
22 lowing:

1 **“§ 54102. Centers of excellence for domestic maritime**
2 **workforce training and education**

3 “(a) DESIGNATION.—The Secretary of Transpor-
4 tation may designate as a center of excellence for domestic
5 maritime workforce training and education a covered
6 training entity located in a State that borders on the—

7 “(1) Gulf of Mexico;

8 “(2) Atlantic Ocean;

9 “(3) Long Island Sound;

10 “(4) Pacific Ocean;

11 “(5) Great Lakes; or

12 “(6) Mississippi River System.

13 “(b) ASSISTANCE.—The Secretary may enter into a
14 cooperative agreement (as that term is used in section
15 6305 of title 31) with a center of excellence designated
16 under subsection (a) to support maritime work-
17 force training and education at the center of excellence, including
18 efforts of the center of excellence to—

19 “(1) admit additional students;

20 “(2) recruit and train faculty;

21 “(3) expand facilities;

22 “(4) create new maritime career pathways; or

23 “(5) award students credit for prior experience,
24 including military service.

1 “(c) COVERED TRAINING ENTITY DEFINED.—In this
2 section, the term ‘covered training entity’ means an entity
3 that is—

4 “(1) a community or technical college; or

5 “(2) a maritime training center—

6 “(A) operated by, or under the supervision
7 of, a State; and

8 “(B) with a maritime training program in
9 operation on the date of enactment of this sec-
10 tion.”.

11 (b) CLERICAL AMENDMENT.—The analysis for chap-
12 ter 541 of title 46, United States Code, is amended by
13 inserting after the item relating to section 54101 the fol-
14 lowing:

“54102. Centers of excellence for domestic maritime workforce training and edu-
cation.”.

15 **SEC. 3508. FOREIGN SPILL PROTECTION.**

16 (a) SHORT TITLE.—This section may be cited as the
17 “Foreign Spill Protection Act of 2017”.

18 (b) LIABILITY OF OWNERS AND OPERATORS OF FOR-
19 EIGN FACILITIES.—

20 (1) OIL POLLUTION CONTROL ACT AMEND-
21 MENTS.—

22 (A) DEFINITIONS.—Section 1001 of the
23 Oil Pollution Act of 1990 (33 U.S.C. 2701) is
24 amended—

1 (i) in paragraph (26)(A)—

2 (I) in clause (ii), by striking “on-
3 shore or offshore facility, any person”
4 and inserting “onshore facility, off-
5 shore facility, or foreign offshore unit
6 or other facility located seaward of the
7 exclusive economic zone, any person
8 or entity”; and

9 (II) in clause (iii), by striking
10 “offshore facility, the person who”
11 and inserting “offshore facility or for-
12 eign offshore unit or other facility lo-
13 cated seaward of the exclusive eco-
14 nomic zone, the person or entity
15 that”; and

16 (ii) in paragraph (32)—

17 (I) by redesignating subpara-
18 graphs (D) through (F) as subpara-
19 graphs (E) through (G), respectively;

20 (II) by inserting after subpara-
21 graph (C) the following:

22 “(D) FOREIGN FACILITIES.—In the case of
23 a foreign offshore unit or other facility located
24 seaward of the exclusive economic zone, any
25 person or other entity owning or operating the

1 facility, and any leaseholder, permit holder, as-
2 signee, or holder of a right of use and easement
3 granted under applicable foreign law for the
4 area in which the facility is located.”; and

5 (III) in subparagraph (G), as so
6 redesignated, by striking “or offshore
7 facility, the persons who” and insert-
8 ing “, offshore facility, or foreign off-
9 shore unit or other facility located
10 seaward of the exclusive economic
11 zone, the persons or entities that”.

12 (B) ACTIONS ON BEHALF OF FUND.—Sec-
13 tion 1015(c) of the Oil Pollution Act of 1990
14 (33 U.S.C. 2715(c)) is amended, in the third
15 sentence, by adding before the period at the end
16 the following: “or other facility located seaward
17 of the exclusive economic zone”.

18 (2) FEDERAL WATER POLLUTION CONTROL ACT
19 AMENDMENTS.—Section 311(a)(11) of the Federal
20 Water Pollution Control Act (33 U.S.C.
21 1321(a)(11)) is amended—

22 (A) by striking “and any facility” and in-
23 serting “any facility”; and

24 (B) by inserting “, and, for the purposes
25 of applying subsections (b), (c), (e), and (o),

1 any foreign offshore unit (as defined in section
2 1001 of the Oil Pollution Act) or any other fa-
3 cility located seaward of the exclusive economic
4 zone” after “public vessel”.

5 (c) CONTINUATION PAY.—For providing continuation
6 pay under section 356 of title 37, United States Code,
7 there is appropriated, out of any money in the Treasury
8 not otherwise appropriated, to the “Retired Pay” account
9 under the heading “Department of Homeland Security–
10 Coast Guard” in the applicable appropriations Acts for the
11 Department of Homeland Security—

12 (1) \$3,286,277 for fiscal year 2018; and

13 (2) \$3,713,232 for fiscal year 2019.

14 **SEC. 3509. APPLICATION OF LAW.**

15 Section 4301 of title 46, United States Code, is
16 amended by adding at the end the following:

17 “(d) For purposes of any Federal law except the Fed-
18 eral Water Pollution Control Act (33 U.S.C. 1251 et seq.),
19 any vessel, including a foreign vessel, being repaired or
20 dismantled is deemed to be a recreational vessel, as de-
21 fined under section 2101(25), during such repair or dis-
22 mantling, if that vessel—

23 “(1) shares elements of design and construction
24 of traditional recreational vessels (as so defined);
25 and

1 “(2) when operating is not normally engaged in
2 a military, commercial, or traditionally commercial
3 undertaking.”.

4 **SEC. 3510. RECOURSE FOR NON-U.S. SEAMEN.**

5 Section 57103 of title 46, United States Code, is
6 amended by adding at the end the following:

7 “(g) RESTRICTION.—(1) Notwithstanding section
8 30104, a claim for damages or expenses relating to per-
9 sonal injury, illness, or death of a seaman who is a citizen
10 of a foreign nation, arising during or from the engagement
11 of the seaman by or for a passenger vessel duly registered
12 under the laws of a foreign nation or a vessel identified
13 as obsolete under subsection (a) or acquired under chapter
14 563, may not be brought under the laws of the United
15 States if—

16 “(A) such seaman was not a legal perma-
17 nent resident of the United States at the time
18 the claim arose;

19 “(B) the injury, illness, or death arose out-
20 side the territorial waters of the United States;
21 and

22 “(C) the seaman or the seaman’s personal
23 representative has or had a right to seek com-
24 pensation for the injury, illness, or death in, or
25 under the laws of—

1 “(i) the nation in which the vessel was
2 registered at the time the claim arose; or

3 “(ii) the nation in which the seaman
4 maintained citizenship or residency at the
5 time the claim arose.

6 “(2) COMPENSATION DEFINED.—As used in
7 paragraph (1), the term ‘compensation’ means—

8 “(A) a statutory workers’ compensation
9 remedy that complies with Standard A4.2 of
10 Regulation 4.2 of the Maritime Labour Conven-
11 tion, 2006; or

12 “(B) in the absence of the remedy de-
13 scribed in paragraph (1), a legal remedy that
14 complies with Standard A4.2 of Regulation 4.2
15 of the Maritime Labour Convention, 2006, that
16 permits recovery for lost wages, pain and suf-
17 fering, and future medical expenses.”.

18 **DIVISION D—FUNDING TABLES**

19 **SEC. 4001. AUTHORIZATION OF AMOUNTS IN FUNDING TA-** 20 **BLES.**

21 (a) IN GENERAL.—Whenever a funding table in this
22 division specifies a dollar amount authorized for a project,
23 program, or activity, the obligation and expenditure of the
24 specified dollar amount for the project, program, or activ-

1 ity is hereby authorized, subject to the availability of ap-
2 propriations.

3 (b) MERIT-BASED DECISIONS.—A decision to com-
4 mit, obligate, or expend funds with or to a specific entity
5 on the basis of a dollar amount authorized pursuant to
6 subsection (a) shall—

7 (1) be based on merit-based selection proce-
8 dures in accordance with the requirements of sec-
9 tions 2304(k) and 2374 of title 10, United States
10 Code, or on competitive procedures; and

11 (2) comply with other applicable provisions of
12 law.

13 (c) RELATIONSHIP TO TRANSFER AND PROGRAM-
14 MING AUTHORITY.—An amount specified in the funding
15 tables in this division may be transferred or repro-
16 grammed under a transfer or reprogramming authority
17 provided by another provision of this Act or by other law.
18 The transfer or reprogramming of an amount specified in
19 such funding tables shall not count against a ceiling on
20 such transfers or reprogrammings under section 1001 or
21 section 1512 of this Act or any other provision of law,
22 unless such transfer or reprogramming would move funds
23 between appropriation accounts.

1 (d) APPLICABILITY TO CLASSIFIED ANNEX.—This
 2 section applies to any classified annex that accompanies
 3 this Act.

4 (e) ORAL AND WRITTEN COMMUNICATIONS.—No
 5 oral or written communication concerning any amount
 6 specified in the funding tables in this division shall super-
 7 sede the requirements of this section.

8 **TITLE XLI—PROCUREMENT**

9 **SEC. 4101. PROCUREMENT.**

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
AIRCRAFT PROCUREMENT, ARMY			
FIXED WING			
002	UTILITY F/W AIRCRAFT	75,115	75,115
004	MQ-1 UAV	30,206	90,206
	Unfunded requirement		[60,000]
ROTARY			
005	HELICOPTER, LIGHT UTILITY (LUH)	108,383	108,383
006	AH-64 APACHE BLOCK IIIA REMAN	725,976	725,976
007	ADVANCE PROCUREMENT (CY)	170,910	170,910
008	AH-64 APACHE BLOCK IIIB NEW BUILD	374,100	648,500
	Unfunded requirement		[274,400]
009	ADVANCE PROCUREMENT (CY)	71,900	71,900
010	UH-60 BLACKHAWK M MODEL (MYP)	938,308	1,224,710
	Unfunded requirement—additional 5 for ARNG		[100,000]
	Unfunded requirement—UH-60M ECPs		[186,402]
011	ADVANCE PROCUREMENT (CY)	86,295	86,295
012	UH-60 BLACK HAWK A AND L MODELS	76,516	93,216
	Unfunded requirement—UH-60Vs		[16,700]
013	CH-47 HELICOPTER	202,576	557,076
	Emergent requirements—additional 4 CH-47F Block I		[108,000]
	Unfunded requirement—additional 4 MH-47Gs		[246,500]
014	ADVANCE PROCUREMENT (CY)	17,820	17,820
MODIFICATION OF AIRCRAFT			
015	MQ-1 PAYLOAD (MIP)	5,910	29,910
	Realign European Reassurance Initiative to Base		[8,000]
	Unfunded requirement		[16,000]
016	UNIVERSAL GROUND CONTROL EQUIPMENT (UAS)	15,000	15,000
017	GRAY EAGLE MODS2	74,291	74,291
018	MULTI SENSOR ABN RECON (MIP)	68,812	127,762
	Realign European Reassurance Initiative to Base		[29,475]
	Unfunded requirement		[29,475]
019	AH-64 MODS	238,141	382,941
	Unfunded requirement		[144,800]
020	CH-47 CARGO HELICOPTER MODS (MYP)	20,166	81,166
	Unfunded requirement		[61,000]
021	GRCS SEMA MODS (MIP)	5,514	5,514
022	ARL SEMA MODS (MIP)	11,650	11,650
023	EMARSS SEMA MODS (MIP)	15,279	15,279
024	UTILITY/CARGO AIRPLANE MODS	57,737	57,737
025	UTILITY HELICOPTER MODS	5,900	5,900
026	NETWORK AND MISSION PLAN	142,102	142,102
027	COMMS, NAV SURVEILLANCE	166,050	207,630
	Unfunded requirement—ARC-201D encrypted radios		[41,580]
028	GATM ROLLUP	37,403	37,403
029	RQ-7 UAV MODS	83,160	194,160
	Unfunded requirement		[111,000]
030	UAS MODS	26,109	26,429
	Unfunded requirement		[320]
GROUND SUPPORT AVIONICS			
031	AIRCRAFT SURVIVABILITY EQUIPMENT	70,913	70,913

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
032	SURVIVABILITY CM	5,884	5,884
033	CMWS	26,825	26,825
034	COMMON INFRARED COUNTERMEASURES (CIRCM)	6,337	6,337
	OTHER SUPPORT		
035	AVIONICS SUPPORT EQUIPMENT	7,038	7,038
036	COMMON GROUND EQUIPMENT	47,404	56,304
	Unfunded requirement—grow the Army		[1,800]
	Unfunded requirement—Non destructive test equip		[7,100]
037	AIRCREW INTEGRATED SYSTEMS	47,066	47,066
038	AIR TRAFFIC CONTROL	83,790	84,905
	Unfunded requirement		[1,115]
039	INDUSTRIAL FACILITIES	1,397	1,397
040	LAUNCHER, 2.75 ROCKET	1,911	1,911
	TOTAL AIRCRAFT PROCUREMENT, ARMY	4,149,894	5,593,561
	MISSILE PROCUREMENT, ARMY		
	SURFACE-TO-AIR MISSILE SYSTEM		
001	LOWER TIER AIR AND MISSILE DEFENSE (AMD)	140,826	140,826
002	MSE MISSILE	459,040	459,040
003	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I	57,742	57,742
	AIR-TO-SURFACE MISSILE SYSTEM		
005	HELLFIRE SYS SUMMARY	94,790	94,790
006	JOINT AIR-TO-GROUND MSLs (JAGM)	178,432	173,432
	Program decrease		[-5,000]
	ANTI-TANK/ASSAULT MISSILE SYS		
008	JAVELIN (AAWS-M) SYSTEM SUMMARY	110,123	118,235
	Realign European Reassurance Initiative to Base		[8,112]
009	TOW 2 SYSTEM SUMMARY	85,851	89,758
	Realign European Reassurance Initiative to Base		[3,907]
010	ADVANCE PROCUREMENT (CY)	19,949	19,949
011	GUIDED MLRS ROCKET (GMLRS)	595,182	593,882
	Program reduction—unit cost savings		[-2,800]
	Unfunded requirement—training devices		[1,500]
012	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	28,321	28,321
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)		476,728
	Realign European Reassurance Initiative to Base		[41,000]
	Unfunded requirement—ERI		[197,000]
	Unfunded requirement—grow the Army		[238,728]
	MODIFICATIONS		
015	PATRIOT MODS	329,073	329,073
016	ATACMS MODS	116,040	116,040
017	GMLRS MOD	531	531
018	STINGER MODS	63,090	91,090
	Realign European Reassurance Initiative to Base		[28,000]
019	AVENGER MODS	62,931	62,931
020	ITAS/TOW MODS	3,500	3,500
021	MLRS MODS	138,235	187,035
	Unfunded requirement		[48,800]
022	HIMARS MODIFICATIONS	9,566	9,566
	SPARES AND REPAIR PARTS		
023	SPARES AND REPAIR PARTS	18,915	18,915
	SUPPORT EQUIPMENT & FACILITIES		
024	AIR DEFENSE TARGETS	5,728	5,728
026	PRODUCTION BASE SUPPORT	1,189	1,189
	TOTAL MISSILE PROCUREMENT, ARMY	2,519,054	3,078,301
	PROCUREMENT OF W&TCV, ARMY		
	TRACKED COMBAT VEHICLES		
001	BRADLEY PROGRAM		200,000
	Realign European Reassurance Initiative to Base		[200,000]
002	ARMORED MULTI PURPOSE VEHICLE (AMPV)	193,715	447,618
	Realign European Reassurance Initiative to Base		[253,903]
	MODIFICATION OF TRACKED COMBAT VEHICLES		
004	STRYKER (MOD)	97,552	97,552
005	STRYKER UPGRADE		348,000
	Unfunded requirement - completes 4th DVH SBC'T		[348,000]
006	BRADLEY PROGRAM (MOD)	444,851	585,851
	Realign European Reassurance Initiative to Base		[30,000]
	Unfunded requirement		[111,000]
007	M109 FOV MODIFICATIONS	64,230	64,230
008	PALADIN INTEGRATED MANAGEMENT (PIM)	646,413	772,149
	Realign European Reassurance Initiative to Base		[125,736]
009	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	72,402	194,402
	Unfunded requirement		[122,000]
010	ASSAULT BRIDGE (MOD)	5,855	5,855
011	ASSAULT BREACHER VEHICLE	34,221	64,221
	Unfunded requirement		[30,000]
012	M88 FOV MODS	4,826	4,826

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
013	JOINT ASSAULT BRIDGE	128,350	128,350
014	M1 ABRAMS TANK (MOD)	248,826	558,526
	Realign European Reassurance Initiative to Base		[138,700]
	Unfunded requirement		[171,000]
015	ABRAMS UPGRADE PROGRAM	275,000	1,092,800
	Realign European Reassurance Initiative to Base		[442,800]
	Unfunded requirement		[375,000]
	WEAPONS & OTHER COMBAT VEHICLES		
018	M240 MEDIUM MACHINE GUN (7.62MM)	1,992	3,292
	Unfunded requirement		[1,300]
019	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S	6,520	58,520
	Unfunded requirement		[52,000]
020	MORTAR SYSTEMS	21,452	34,552
	Unfunded requirement—120mm mortars		[13,100]
021	XM320 GRENADE LAUNCHER MODULE (GLM)	4,524	5,324
	Unfunded requirement		[800]
023	CARBINE	43,150	51,150
	Unfunded requirement		[5,000]
	Unfunded requirement—grow the Army		[3,000]
024	COMMON REMOTELY OPERATED WEAPONS STATION	750	10,750
	Unfunded requirement—modifications		[10,000]
025	HANDGUN	8,326	8,726
	Unfunded requirement		[400]
	MOD OF WEAPONS AND OTHER COMBAT VEH		
026	MK-19 GRENADE MACHINE GUN MODS	2,000	2,000
027	M777 MODS	3,985	89,785
	Unfunded requirement		[85,800]
028	M4 CARBINE MODS	31,315	31,315
029	M2 50 CAL MACHINE GUN MODS	47,414	52,414
	Unfunded requirement—accessories		[2,600]
	Unfunded requirement—M2A1 machine guns		[2,400]
030	M249 SAW MACHINE GUN MODS	3,339	3,339
031	M240 MEDIUM MACHINE GUN MODS	4,577	11,177
	Unfunded requirement—accessories		[1,000]
	Unfunded requirement—M240Ls		[5,600]
032	SNIPER RIFLES MODIFICATIONS	1,488	1,488
033	M119 MODIFICATIONS	12,678	12,678
034	MORTAR MODIFICATION	3,998	3,998
035	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)	2,219	2,219
	SUPPORT EQUIPMENT & FACILITIES		
036	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	5,075	7,775
	Unfunded requirement		[2,700]
037	PRODUCTION BASE SUPPORT (WOCV-WTCV)	992	992
039	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG)	1,573	1,573
	UNDISTRIBUTED		
042	UNDISTRIBUTED		1,200
	Security Force Assistance Brigade		[1,200]
	TOTAL PROCUREMENT OF W&TCV, ARMY	2,423,608	4,958,647
	PROCUREMENT OF AMMUNITION, ARMY		
	SMALL/MEDIUM CAL AMMUNITION		
001	CTG, 5.56MM, ALL TYPES	39,767	39,767
002	CTG, 7.62MM, ALL TYPES	46,804	46,804
003	CTG, HANDGUN, ALL TYPES	10,413	10,418
	Realign European Reassurance Initiative to Base		[5]
004	CTG, .50 CAL, ALL TYPES	62,837	62,958
	Realign European Reassurance Initiative to Base		[121]
005	CTG, 20MM, ALL TYPES	8,208	8,208
006	CTG, 25MM, ALL TYPES	8,640	8,640
007	CTG, 30MM, ALL TYPES	76,850	101,850
	Realign European Reassurance Initiative to Base		[25,000]
008	CTG, 40MM, ALL TYPES	108,189	108,189
	MORTAR AMMUNITION		
009	60MM MORTAR, ALL TYPES	57,359	57,359
010	81MM MORTAR, ALL TYPES	49,471	49,471
011	120MM MORTAR, ALL TYPES	91,528	91,528
	TANK AMMUNITION		
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES	133,500	133,500
	ARTILLERY AMMUNITION		
013	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES	44,200	44,200
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES	187,149	187,149
015	PROJ 155MM EXTENDED RANGE M982	49,000	251,545
	Realign European Reassurance Initiative to Base		[19,045]
	Unfunded requirement		[183,500]
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	83,046	99,724
	Realign European Reassurance Initiative to Base		[16,678]
	MINES		
017	MINES & CLEARING CHARGES, ALL TYPES	3,942	15,557

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Line	Item	FY 2018 Request	House Authorized
	Realign European Reassurance Initiative to Base		[11,615]
	ROCKETS		
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	5,000	5,000
020	ROCKET, HYDRA 70, ALL TYPES	161,155	161,155
	OTHER AMMUNITION		
021	CAD/PAD, ALL TYPES	7,441	7,441
022	DEMOLITION MUNITIONS, ALL TYPES	19,345	19,345
023	GRENADES, ALL TYPES	22,759	22,759
024	SIGNALS, ALL TYPES	2,583	2,583
025	SIMULATORS, ALL TYPES	13,084	13,084
	MISCELLANEOUS		
026	AMMO COMPONENTS, ALL TYPES	12,237	12,237
027	NON-LETHAL AMMUNITION, ALL TYPES	1,500	1,500
028	ITEMS LESS THAN \$5 MILLION (AMMO)	10,730	10,730
029	AMMUNITION PECULIAR EQUIPMENT	16,425	16,425
030	FIRST DESTINATION TRANSPORTATION (AMMO)	15,221	15,221
	PRODUCTION BASE SUPPORT		
032	INDUSTRIAL FACILITIES	329,356	429,356
	Unfunded requirement		[100,000]
033	CONVENTIONAL MUNITIONS DEMILITARIZATION	197,825	197,825
034	ARMS INITIATIVE	3,719	3,719
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	1,879,283	2,235,247
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
001	TACTICAL TRAILERS/DOLLY SETS	9,716	9,716
002	SEMITRAILERS, FLATBED:	14,151	36,151
	Unfunded requirement—additional M872s		[22,000]
003	AMBULANCE, 4 LITTER, 5/4 TON, 4X4	53,000	87,792
	Unfunded requirement		[34,792]
004	GROUND MOBILITY VEHICLES (GMV)	40,935	40,935
006	JOINT LIGHT TACTICAL VEHICLE	804,440	804,440
007	TRUCK, DUMP, 20T (CCE)	967	967
008	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	78,650	241,944
	Unfunded requirement—FMTVs		[154,100]
	Unfunded requirement—trailers		[9,194]
009	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP	19,404	19,404
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	81,656	114,658
	Realign European Reassurance Initiative to Base		[25,874]
	Unfunded requirement—forward repair systems		[7,128]
011	PLS ESP	7,129	59,729
	Unfunded requirement		[52,600]
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV		150,878
	Realign European Reassurance Initiative to Base		[38,628]
	Unfunded requirement		[112,250]
013	TACTICAL WHEELED VEHICLE PROTECTION KITS	43,040	43,040
014	MODIFICATION OF IN SVC EQUIP	83,940	89,470
	Realign European Reassurance Initiative to Base		[2,599]
	Unfunded requirement—CTE equipment		[2,931]
	NON-TACTICAL VEHICLES		
016	HEAVY ARMORED SEDAN	269	269
017	PASSENGER CARRYING VEHICLES	1,320	1,320
018	NON-TACTICAL VEHICLES, OTHER	6,964	6,964
	COMM—JOINT COMMUNICATIONS		
019	WIN-T—GROUND FORCES TACTICAL NETWORK	420,492	420,492
020	SIGNAL MODERNIZATION PROGRAM	92,718	92,718
021	TACTICAL NETWORK TECHNOLOGY MOD IN SVC	150,497	227,997
	Program reduction		[-10,000]
	Unfunded requirement		[87,500]
022	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY	6,065	6,065
023	JCSE EQUIPMENT (USREDCOM)	5,051	5,051
	COMM—SATELLITE COMMUNICATIONS		
024	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS	161,383	161,383
025	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	62,600	62,600
026	SHF TERM	11,622	11,622
028	SMART-T (SPACE)	6,799	6,799
029	GLOBAL BRDCST SVC—GBS	7,065	7,065
031	ENROUTE MISSION COMMAND (EMC)	21,667	21,667
	COMM—COMBAT SUPPORT COMM		
033	MOD-IN-SERVICE PROFILER	70	70
	COMM—C3 SYSTEM		
034	ARMY GLOBAL CMD & CONTROL SYS (AGCCS)	2,658	2,658
	COMM—COMBAT COMMUNICATIONS		
036	HANDHELD MANPACK SMALL FORM FIT (HMS)	355,351	363,760
	Unfunded requirement		[8,409]
037	MID-TIER NETWORKING VEHICULAR RADIO (MNV)	25,100	25,100
038	RADIO TERMINAL SET, MIDS LVT(2)	11,160	11,160
040	TRACTOR DESK	2,041	2,041

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041	TRACTOR RIDE	5,534	13,734
	Unfunded requirement		[8,200]
042	SPIDER APLA REMOTE CONTROL UNIT	996	996
043	SPIDER FAMILY OF NETWORKED MUNITIONS INCR	4,500	6,858
	Unfunded requirement		[2,358]
045	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM	4,411	4,411
046	UNIFIED COMMAND SUITE	15,275	15,275
047	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	15,964	16,725
	Unfunded requirement		[761]
	COMM—INTELLIGENCE COMM		
049	CI AUTOMATION ARCHITECTURE	9,560	9,560
050	DEFENSE MILITARY DECEPTION INITIATIVE	4,030	4,030
	INFORMATION SECURITY		
054	COMMUNICATIONS SECURITY (COMSEC)	107,804	130,667
	Unfunded Requirement		[22,863]
055	DEFENSIVE CYBER OPERATIONS	53,436	61,436
	Unfunded Requirement		[8,000]
056	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO	690	690
057	PERSISTENT CYBER TRAINING ENVIRONMENT	4,000	4,000
	COMM—LONG HAUL COMMUNICATIONS		
058	BASE SUPPORT COMMUNICATIONS	43,751	51,290
	Unfunded requirement—first responder communication equipment		[7,539]
	COMM—BASE COMMUNICATIONS		
059	INFORMATION SYSTEMS	118,101	118,101
060	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	4,490	4,490
061	HOME STATION MISSION COMMAND CENTERS (HSMCC)	20,050	20,050
062	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	186,251	188,751
	Realign European Reassurance Initiative to Base		[2,500]
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
065	JTT/CIBS-M	12,154	19,754
	Unfunded requirement		[7,600]
068	DCGS-A (MIP)	274,782	295,494
	Unfunded requirement		[20,712]
070	TROJAN (MIP)	16,052	35,212
	Realign European Reassurance Initiative to Base		[6,000]
	Unfunded requirement		[13,160]
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	51,034	51,034
072	CI HUMINT AUTO REPRTING AND COLL(CHARCS)	7,815	7,815
073	CLOSE ACCESS TARGET RECONNAISSANCE (CATR)	8,050	8,050
074	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM-M	567	567
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
076	LIGHTWEIGHT COUNTER MORTAR RADAR	20,459	20,459
077	EW PLANNING & MANAGEMENT TOOLS (EWPMT)	5,805	5,805
078	AIR VIGILANCE (AV)	5,348	5,348
081	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	469	6,369
	Realign European Reassurance Initiative to Base		[5,900]
082	CI MODERNIZATION	285	285
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
083	SENTINEL MODS	28,491	100,491
	Unfunded requirement		[72,000]
084	NIGHT VISION DEVICES	166,493	229,389
	Unfunded requirement—grow the Army		[47,147]
	Unfunded requirement—LTLM enhancement		[15,749]
085	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	13,947	13,947
087	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	21,380	456,003
	Unfunded requirement—Air and Missile Defense (SHORAD)		[434,623]
088	FAMILY OF WEAPON SIGHTS (FWS)	59,105	59,105
089	ARTILLERY ACCURACY EQUIP	2,129	2,129
091	JOINT BATTLE COMMAND—PLATFORM (JBC-P)	282,549	344,949
	Realign European Reassurance Initiative to Base		[2,300]
	Unfunded requirement		[60,100]
092	JOINT EFFECTS TARGETING SYSTEM (JETS)	48,664	48,664
093	MOD OF IN-SVC EQUIP (LLDR)	5,198	9,172
	Realign European Reassurance Initiative to Base		[3,974]
094	COMPUTER BALLISTICS: LHMCB XM32	8,117	8,117
095	MORTAR FIRE CONTROL SYSTEM	31,813	47,588
	Realign European Reassurance Initiative to Base		[75]
	Unfunded requirement		[15,700]
096	COUNTERFIRE RADARS	329,057	393,257
	Unfunded requirement		[64,200]
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
097	FIRE SUPPORT C2 FAMILY	8,700	13,458
	Unfunded requirement		[4,758]
098	AIR & MSL DEFENSE PLANNING & CONTROL SYS	26,635	132,713
	Realign European Reassurance Initiative to Base		[9,100]
	Unfunded requirement		[96,978]
100	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	1,992	1,992
101	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	15,179	15,179

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Line	Item	FY 2018 Request	House Authorized
102	MANEUVER CONTROL SYSTEM (MCS)	132,572	137,174
	Unfunded requirement		[4,602]
103	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A)	37,201	37,201
104	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP)	16,140	16,140
105	RECONNAISSANCE AND SURVEYING INSTRUMENT SET	6,093	20,848
	Unfunded requirement		[14,755]
106	MOD OF IN-SVC EQUIPMENT (ENFIRE)	1,134	1,134
	ELECT EQUIP—AUTOMATION		
107	ARMY TRAINING MODERNIZATION	11,575	11,575
108	AUTOMATED DATA PROCESSING EQUIP	91,983	91,983
109	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM	4,465	4,465
110	HIGH PERF COMPUTING MOD PGM (HPCMP)	66,363	66,363
111	CONTRACT WRITING SYSTEM	1,001	1,001
112	RESERVE COMPONENT AUTOMATION SYS (RCAS)	26,183	26,183
	ELECT EQUIP—AUDIO VISUAL SYS (A/V)		
113	TACTICAL DIGITAL MEDIA	4,441	4,441
114	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT)	3,414	16,414
	Unfunded requirement		[10,000]
	Unfunded requirement—global positioning system		[3,000]
	ELECT EQUIP—SUPPORT		
115	PRODUCTION BASE SUPPORT (C-E)	499	499
116	BCT EMERGING TECHNOLOGIES	25,050	25,050
	CLASSIFIED PROGRAMS		
116A	CLASSIFIED PROGRAMS	4,819	4,819
	CHEMICAL DEFENSIVE EQUIPMENT		
117	PROTECTIVE SYSTEMS	1,613	1,613
118	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	9,696	23,696
	Unfunded Requirement		[14,000]
120	CBRN DEFENSE	11,110	11,110
	BRIDGING EQUIPMENT		
121	TACTICAL BRIDGING	16,610	16,610
122	TACTICAL BRIDGE, FLOAT-RIBBON	21,761	43,761
	Unfunded requirement		[22,000]
124	COMMON BRIDGE TRANSPORTER (CBT) RECAP	21,046	61,446
	Unfunded requirement		[40,400]
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
125	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST	5,000	17,800
	Unfunded requirement—grow the Army		[5,600]
	Unfunded requirement—PSS-14Cs		[7,200]
126	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)	32,442	32,442
127	AREA MINE DETECTION SYSTEM (AMDS)	10,571	10,571
128	HUSKY MOUNTED DETECTION SYSTEM (HMDS)	21,695	21,695
129	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS)	4,516	19,616
	Unfunded requirement—M160s		[15,100]
130	EOD ROBOTICS SYSTEMS RECAPITALIZATION	10,073	15,073
	Unfunded requiremet		[5,000]
131	ROBOTICS AND APPLIQUE SYSTEMS	3,000	3,000
133	REMOTE DEMOLITION SYSTEMS	5,847	7,039
	Unfunded requirement—radio frequency remote activated munitions		[1,192]
134	< \$5M, COUNTERMINE EQUIPMENT	1,530	1,530
135	FAMILY OF BOATS AND MOTORS	4,302	12,302
	Unfunded requirement		[8,000]
	COMBAT SERVICE SUPPORT EQUIPMENT		
136	HEATERS AND ECU'S	7,405	16,461
	Unfunded requirement		[9,056]
137	SOLDIER ENHANCEMENT	1,095	1,095
138	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	5,390	5,390
139	GROUND SOLDIER SYSTEM	38,219	42,808
	Unfunded requirement		[4,589]
140	MOBILE SOLDIER POWER	10,456	12,018
	Unfunded requirement		[1,562]
141	FORCE PROVIDER		13,850
	Unfunded requirement		[13,850]
142	FIELD FEEDING EQUIPMENT	15,340	29,740
	Unfunded requirement		[14,400]
143	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	30,607	30,607
144	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS	10,426	18,900
	Unfunded requirement		[8,474]
	PETROLEUM EQUIPMENT		
146	QUALITY SURVEILLANCE EQUIPMENT	6,903	6,903
147	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	47,597	47,597
	MEDICAL EQUIPMENT		
148	COMBAT SUPPORT MEDICAL	43,343	66,262
	Realign European Reassurance Initiative to Base		[21,122]
	Unfunded requirement		[1,797]
	MAINTENANCE EQUIPMENT		
149	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	33,774	48,194
	Realign European Reassurance Initiative to Base		[1,124]

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Line	Item	FY 2018 Request	House Authorized
	Unfunded requirement—metal working and machine shop sets		[13,296]
150	ITEMS LESS THAN \$5.0M (MAINT EQ)	2,728	3,682
	Unfunded requirement		[954]
	CONSTRUCTION EQUIPMENT		
151	GRADER, ROAD MTZD, HVY, 6X4 (CCE)	989	15,719
	Unfunded requirement		[14,730]
152	SCRAPERS, EARTHMOVING	11,180	11,180
154	TRACTOR, FULL TRACKED		48,679
	Unfunded requirement—T9 Dozers		[48,679]
155	ALL TERRAIN CRANES	8,935	11,935
	Unfunded requiremnt		[3,000]
157	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	64,339	84,899
	Unfunded requirement		[20,560]
158	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP	2,563	2,563
160	CONST EQUIP ESP	19,032	26,032
	Unfunded requirement—Engineer Mission Modules and Vibratory Rollers		[7,000]
161	ITEMS LESS THAN \$5.0M (CONST EQUIP)	6,899	11,911
	Unfunded requirement—water well drill systems		[5,012]
	RAIL FLOAT CONTAINERIZATION EQUIPMENT		
162	ARMY WATERCRAFT ESP	20,110	20,110
163	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	2,877	2,877
	GENERATORS		
164	GENERATORS AND ASSOCIATED EQUIP	115,635	132,845
	Unfunded requirement		[17,210]
165	TACTICAL ELECTRIC POWER RECAPITALIZATION	7,436	7,436
	MATERIAL HANDLING EQUIPMENT		
166	FAMILY OF FORKLIFTS	9,000	10,635
	Unfunded requirement		[1,635]
	TRAINING EQUIPMENT		
167	COMBAT TRAINING CENTERS SUPPORT	88,888	126,638
	Unfunded requirement		[37,750]
168	TRAINING DEVICES, NONSYSTEM	285,989	288,689
	Realign European Reassurance Initiative to Base		[2,700]
169	CLOSE COMBAT TACTICAL TRAINER	45,718	45,718
170	AVIATION COMBINED ARMS TACTICAL TRAINER	30,568	30,568
171	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	5,406	16,906
	Unfunded requirement—SVCT systems		[11,500]
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
172	CALIBRATION SETS EQUIPMENT	5,564	5,564
173	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	30,144	37,644
	Realign European Reassurance Initiative to Base		[7,500]
174	TEST EQUIPMENT MODERNIZATION (TEMOD)	7,771	7,771
	OTHER SUPPORT EQUIPMENT		
175	M25 STABILIZED BINOCULAR	3,956	3,956
176	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	5,000	5,000
177	PHYSICAL SECURITY SYSTEMS (OPA3)	60,047	60,047
178	BASE LEVEL COMMON EQUIPMENT	13,239	13,239
179	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	60,192	99,432
	Unfunded requirement—EOD Technician Tool Kits		[29,240]
	Unfunded requirement—Rapidly Emplaced Bridge System Arctic Kit Technical Manual (TM) update		[2,000]
	Unfunded requirement—Service Life Extension Program for the VOLCANO system		[8,000]
180	PRODUCTION BASE SUPPORT (OTH)	2,271	2,271
181	SPECIAL EQUIPMENT FOR USER TESTING	5,319	5,319
182	TRACTOR YARD	5,935	5,935
	OPA2		
184	INITIAL SPARES—C&E	38,269	38,269
	UNDISTRIBUTED		
185	UNDISTRIBUTED		56,000
	Security Force Assistance Brigade		[56,000]
	TOTAL OTHER PROCUREMENT, ARMY	6,469,331	8,463,222
	JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND		
	NETWORK ATTACK		
001	RAPID ACQUISITION AND THREAT RESPONSE	14,442	14,442
	TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND	14,442	14,442
	AIRCRAFT PROCUREMENT, NAVY		
	COMBAT AIRCRAFT		
002	F/A-18E/F (FIGHTER) HORNET	1,200,146	1,791,346
	Unfunded Requirement		[591,200]
003	ADVANCE PROCUREMENT (CY)	52,971	52,971
004	JOINT STRIKE FIGHTER CV	582,324	1,102,324
	Unfunded Requirement—Marine Corps		[260,000]
	Unfunded Requirement—Navy		[260,000]
005	ADVANCE PROCUREMENT (CY)	263,112	263,112
006	JSF STOVL	2,398,139	2,860,739

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Line	Item	FY 2018 Request	House Authorized
	Unfunded Requirement		[462,600]
007	ADVANCE PROCUREMENT (CY)	413,450	413,450
008	CH-53K (HEAVY LIFT)	567,605	567,605
009	ADVANCE PROCUREMENT (CY)	147,046	147,046
010	V-22 (MEDIUM LIFT)	677,404	1,028,904
	Multiyear procurement contract savings		[-25,000]
	Unfunded Requirement		[376,500]
011	ADVANCE PROCUREMENT (CY)	27,422	27,422
012	H-1 UPGRADES (UH-1Y/AH-1Z)	678,429	829,429
	Unfunded requirement - additional AH-1Zs		[157,500]
	Unit cost savings		[-6,500]
013	ADVANCE PROCUREMENT (CY)	42,082	42,082
016	P-8A POSEIDON	1,245,251	1,751,751
	P-8A		[506,500]
017	ADVANCE PROCUREMENT (CY)	140,333	123,333
	Excess to need		[-17,000]
018	E-2D ADV HAWKEYE	733,910	925,710
	E-2D		[201,800]
	Excessive growth		[-10,000]
019	ADVANCE PROCUREMENT (CY)	102,026	102,026
	OTHER AIRCRAFT		
022	KC-130J	129,577	484,877
	KC-130J		[355,300]
023	ADVANCE PROCUREMENT (CY)	25,497	25,497
024	MQ-4 TRITON	522,126	517,126
	Excess cost growth		[-5,000]
025	ADVANCE PROCUREMENT (CY)	57,266	57,266
026	MQ-8 UAV	49,472	49,472
027	STUASLO UAV	880	880
	MODIFICATION OF AIRCRAFT		
030	AEA SYSTEMS	52,960	52,960
031	AV-8 SERIES	43,555	43,555
032	ADVERSARY	2,565	2,565
033	F-18 SERIES	1,043,661	1,076,211
	Unfunded requirement—ALQ-214 Retrofits		[32,550]
034	H-53 SERIES	38,712	38,712
035	SH-60 SERIES	95,333	95,333
036	H-1 SERIES	101,886	101,886
037	EP-3 SERIES	7,231	7,231
038	P-3 SERIES	700	700
039	E-2 SERIES	97,563	97,563
040	TRAINER A/C SERIES	8,184	8,184
041	C-2A	18,673	18,673
042	C-130 SERIES	83,541	83,541
043	FEWSG	630	630
044	CARGO/TRANSPORT A/C SERIES	10,075	10,075
045	E-6 SERIES	223,508	223,508
046	EXECUTIVE HELICOPTERS SERIES	38,787	38,787
047	SPECIAL PROJECT AIRCRAFT	8,304	8,304
048	T-45 SERIES	148,071	148,071
049	POWER PLANT CHANGES	19,827	19,827
050	JPATS SERIES	27,007	27,007
051	COMMON ECM EQUIPMENT	146,642	146,642
052	COMMON AVIONICS CHANGES	123,507	123,507
053	COMMON DEFENSIVE WEAPON SYSTEM	2,317	2,317
054	ID SYSTEMS	49,524	49,524
055	P-8 SERIES	18,665	18,665
056	MAGTF EW FOR AVIATION	10,111	10,111
057	MQ-8 SERIES	32,361	32,361
059	V-22 (TILT/ROTOR ACFT) OSPREY	228,321	228,321
060	F-35 STOVL SERIES	34,963	34,963
061	F-35 CV SERIES	31,689	31,689
062	QRC	24,766	24,766
063	MQ-4 SERIES	39,996	39,996
	AIRCRAFT SPARES AND REPAIR PARTS		
064	SPARES AND REPAIR PARTS	1,681,914	1,882,514
	Additional F-35 Initial Spares		[32,600]
	Unfunded requirement		[168,000]
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
065	COMMON GROUND EQUIPMENT	388,052	405,552
	Unfunded requirement—F-18C/D H12C Training Systems for USMC		[17,500]
066	AIRCRAFT INDUSTRIAL FACILITIES	24,613	24,613
067	WAR CONSUMABLES	39,614	39,614
068	OTHER PRODUCTION CHARGES	1,463	1,463
069	SPECIAL SUPPORT EQUIPMENT	48,500	48,500
070	FIRST DESTINATION TRANSPORTATION	1,976	1,976
	TOTAL AIRCRAFT PROCUREMENT, NAVY	15,056,235	18,414,785

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
	WEAPONS PROCUREMENT, NAVY		
	MODIFICATION OF MISSILES		
001	TRIDENT II MODS	1,143,595	1,143,595
	SUPPORT EQUIPMENT & FACILITIES		
002	MISSILE INDUSTRIAL FACILITIES	7,086	7,086
	STRATEGIC MISSILES		
003	TOMAHAWK	134,375	134,375
	TACTICAL MISSILES		
004	AMRAAM	197,109	197,109
005	SIDEWINDER	79,692	79,692
006	JSOW	5,487	5,487
007	STANDARD MISSILE	510,875	510,875
008	SMALL DIAMETER BOMB II	20,968	20,968
009	RAM	58,587	106,587
	RAM BLK II		[48,000]
010	JOINT AIR GROUND MISSILE (JAGM)	3,789	3,789
013	STAND OFF PRECISION GUIDED MUNITIONS (SOPGM)	3,122	3,122
014	AERIAL TARGETS	124,757	124,757
015	OTHER MISSILE SUPPORT	3,420	3,420
016	LRASM	74,733	74,733
	MODIFICATION OF MISSILES		
017	ESSM	74,524	74,524
019	HARPOON MODS	17,300	17,300
020	HARM MODS	183,368	183,368
021	STANDARD MISSILES MODS	11,729	11,729
	SUPPORT EQUIPMENT & FACILITIES		
022	WEAPONS INDUSTRIAL FACILITIES	4,021	4,021
023	FLEET SATELLITE COMM FOLLOW-ON	46,357	46,357
	ORDNANCE SUPPORT EQUIPMENT		
025	ORDNANCE SUPPORT EQUIPMENT	47,159	47,159
	TORPEDOES AND RELATED EQUIP		
026	SSTD	5,240	5,240
027	MK-48 TORPEDO	44,771	70,971
	MK 48 HWT		[26,200]
028	ASW TARGETS	12,399	12,399
	MOD OF TORPEDOES AND RELATED EQUIP		
029	MK-54 TORPEDO MODS	104,044	104,044
030	MK-48 TORPEDO ADCAP MODS	38,954	38,954
031	QUICKSTRIKE MINE	10,337	10,337
	SUPPORT EQUIPMENT		
032	TORPEDO SUPPORT EQUIPMENT	70,383	70,383
033	ASW RANGE SUPPORT	3,864	3,864
	DESTINATION TRANSPORTATION		
034	FIRST DESTINATION TRANSPORTATION	3,961	3,961
	GUNS AND GUN MOUNTS		
035	SMALL ARMS AND WEAPONS	11,332	11,332
	MODIFICATION OF GUNS AND GUN MOUNTS		
036	CIWS MODS	72,698	72,698
037	COAST GUARD WEAPONS	38,931	38,931
038	GUN MOUNT MODS	76,025	76,025
039	LCS MODULE WEAPONS	13,110	13,110
040	CRUISER MODERNIZATION WEAPONS	34,825	34,825
041	AIRBORNE MINE NEUTRALIZATION SYSTEMS	16,925	16,925
	SPARES AND REPAIR PARTS		
043	SPARES AND REPAIR PARTS	110,255	110,255
	TOTAL WEAPONS PROCUREMENT, NAVY	3,420,107	3,494,307
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
001	GENERAL PURPOSE BOMBS	34,882	34,882
002	JDAM	57,343	57,343
003	AIRBORNE ROCKETS, ALL TYPES	79,318	79,318
004	MACHINE GUN AMMUNITION	14,112	14,112
005	PRACTICE BOMBS	47,027	47,027
006	CARTRIDGES & CART ACTUATED DEVICES	57,718	57,718
007	AIR EXPENDABLE COUNTERMEASURES	65,908	65,908
008	JATOS	2,895	2,895
010	5 INCH/54 GUN AMMUNITION	22,112	22,112
011	INTERMEDIATE CALIBER GUN AMMUNITION	12,804	12,804
012	OTHER SHIP GUN AMMUNITION	41,594	41,594
013	SMALL ARMS & LANDING PARTY AMMO	49,401	49,401
014	PYROTECHNIC AND DEMOLITION	9,495	9,495
016	AMMUNITION LESS THAN \$5 MILLION	3,080	3,080
	MARINE CORPS AMMUNITION		
020	MORTARS	24,118	24,118
023	DIRECT SUPPORT MUNITIONS	64,045	64,045
024	INFANTRY WEAPONS AMMUNITION	91,456	91,456
029	COMBAT SUPPORT MUNITIONS	11,788	11,788

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
032	AMMO MODERNIZATION	17,862	17,862
033	ARTILLERY MUNITIONS	79,427	79,427
034	ITEMS LESS THAN \$5 MILLION	5,960	5,960
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	792,345	792,345
	SHIPBUILDING AND CONVERSION, NAVY		
	FLEET BALLISTIC MISSILE SHIPS		
001	ADVANCE PROCUREMENT (CY)	842,853	842,853
	OTHER WARSHIPS		
002	CARRIER REPLACEMENT PROGRAM	4,441,772	3,741,772
	Early to need		[-700,000]
004	VIRGINIA CLASS SUBMARINE	3,305,315	3,305,315
005	ADVANCE PROCUREMENT (CY)	1,920,596	2,863,596
	VA Class AP		[693,000]
	VA Class EOQ		[250,000]
006	CVN REFUELING OVERHAULS	1,604,890	1,181,590
	CVN 73 MQ-25 integration		[26,700]
	Early to need		[-450,000]
007	ADVANCE PROCUREMENT (CY)	75,897	75,897
008	DDG 1000	223,968	223,968
009	DDG-51	3,499,079	3,499,079
010	ADVANCE PROCUREMENT (CY)	90,336	90,336
011	LITTORAL COMBAT SHIP	636,146	636,146
	AMPHIBIOUS SHIPS		
015	LHA REPLACEMENT	1,710,927	1,210,927
	Early to need		[-500,000]
	AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST		
018	TAO FLEET OILER	465,988	465,988
019	ADVANCE PROCUREMENT (CY)	75,068	75,068
020	TOWING, SALVAGE, AND RESCUE SHIP (ATS)	76,204	76,204
023	LCU 1700	31,850	31,850
024	OUTFITTING	548,703	548,703
025	SHIP TO SHORE CONNECTOR	212,554	212,554
026	SERVICE CRAFT	23,994	23,994
029	COMPLETION OF PY SHIPBUILDING PROGRAMS	117,542	117,542
	TOTAL SHIPBUILDING AND CONVERSION, NAVY	19,903,682	19,223,382
	OTHER PROCUREMENT, NAVY		
	SHIP PROPULSION EQUIPMENT		
003	SURFACE POWER EQUIPMENT	41,910	41,910
004	HYBRID ELECTRIC DRIVE (HED)	6,331	6,331
	GENERATORS		
005	SURFACE COMBATANT HM&E	27,392	27,392
	NAVIGATION EQUIPMENT		
006	OTHER NAVIGATION EQUIPMENT	65,943	65,943
	PERISCOPES		
007	SUB PERISCOPES & IMAGING EQUIP		76,000
	Submarine Warfare Federated Tactical Systems		[76,000]
	OTHER SHIPBOARD EQUIPMENT		
008	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG	151,240	151,240
009	DDG MOD	603,355	702,355
	CEC IFF Mode 5 Acceleration		[4,000]
	Destroyer modernization		[65,000]
	SPY-1 refurbishment		[30,000]
010	FIREFIGHTING EQUIPMENT	15,887	15,887
011	COMMAND AND CONTROL SWITCHBOARD	2,240	2,240
012	LHA/LHD MIDLIFE	30,287	30,287
014	POLLUTION CONTROL EQUIPMENT	17,293	17,293
015	SUBMARINE SUPPORT EQUIPMENT	27,990	27,990
016	VIRGINIA CLASS SUPPORT EQUIPMENT	46,610	46,610
017	LCS CLASS SUPPORT EQUIPMENT	47,955	47,955
018	SUBMARINE BATTERIES	17,594	17,594
019	LPD CLASS SUPPORT EQUIPMENT	61,908	61,908
021	STRATEGIC PLATFORM SUPPORT EQUIP	15,812	15,812
022	DSSP EQUIPMENT	4,178	4,178
023	CG MODERNIZATION	306,050	306,050
024	LCAC	5,507	5,507
025	UNDERWATER EOD PROGRAMS	55,922	59,938
	Realign European Reassurance Initiative to Base		[4,016]
026	ITEMS LESS THAN \$5 MILLION	96,909	96,909
027	CHEMICAL WARFARE DETECTORS	3,036	3,036
028	SUBMARINE LIFE SUPPORT SYSTEM	10,364	10,364
	REACTOR PLANT EQUIPMENT		
029	REACTOR POWER UNITS	324,925	324,925
030	REACTOR COMPONENTS	534,468	534,468
	OCEAN ENGINEERING		
031	DIVING AND SALVAGE EQUIPMENT	10,619	10,619
	SMALL BOATS		

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(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
032	STANDARD BOATS	46,094	46,094
	PRODUCTION FACILITIES EQUIPMENT		
034	OPERATING FORCES IPE	191,541	191,541
	OTHER SHIP SUPPORT		
036	LCS COMMON MISSION MODULES EQUIPMENT	34,666	68,666
	MCM-USV		[34,000]
037	LCS MCM MISSION MODULES	55,870	55,870
039	LCS SUW MISSION MODULES	52,960	52,960
040	LCS IN-SERVICE MODERNIZATION	74,426	158,426
	LCS Modernization		[84,000]
	LOGISTIC SUPPORT		
042	LSD MIDLIFE & MODERNIZATION	89,536	89,536
	SHIP SONARS		
043	SPQ-9B RADAR	30,086	30,086
044	AN/SQQ-89 SURF ASW COMBAT SYSTEM	102,222	102,222
046	SSN ACOUSTIC EQUIPMENT	287,553	331,053
	Realign European Reassurance Initiative to Base		[43,500]
047	UNDERSEA WARFARE SUPPORT EQUIPMENT	13,653	13,653
	ASW ELECTRONIC EQUIPMENT		
049	SUBMARINE ACOUSTIC WARFARE SYSTEM	21,449	21,449
050	SSTD	12,867	12,867
051	FIXED SURVEILLANCE SYSTEM	300,102	300,102
052	SURTASS	30,180	40,180
	SURTASS Array		[10,000]
	ELECTRONIC WARFARE EQUIPMENT		
054	AN/SLQ-32	240,433	240,433
	RECONNAISSANCE EQUIPMENT		
055	SHIPBOARD IW EXPLOIT	187,007	227,007
	Ship Signal Exploitation Equipment		[40,000]
056	AUTOMATED IDENTIFICATION SYSTEM (AIS)	510	510
	OTHER SHIP ELECTRONIC EQUIPMENT		
058	COOPERATIVE ENGAGEMENT CAPABILITY	23,892	23,892
060	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	10,741	10,741
061	ATDLS	38,016	38,016
062	NAVY COMMAND AND CONTROL SYSTEM (NCCS)	4,512	4,512
063	MINESWEEPING SYSTEM REPLACEMENT	31,531	31,531
064	SHALLOW WATER MCM	8,796	8,796
065	NAVSTAR GPS RECEIVERS (SPACE)	15,923	15,923
066	AMERICAN FORCES RADIO AND TV SERVICE	2,730	2,730
067	STRATEGIC PLATFORM SUPPORT EQUIP	6,889	6,889
	AVIATION ELECTRONIC EQUIPMENT		
070	ASHORE ATC EQUIPMENT	71,882	71,882
071	AFLOAT ATC EQUIPMENT	44,611	44,611
077	ID SYSTEMS	21,239	21,239
078	NAVAL MISSION PLANNING SYSTEMS	11,976	11,976
	OTHER SHORE ELECTRONIC EQUIPMENT		
080	TACTICAL/MOBILE C4I SYSTEMS	32,425	40,325
	Realign European Reassurance Initiative to Base		[7,900]
081	DCGS-N	13,790	15,690
	Realign European Reassurance Initiative to Base		[1,900]
082	CANES	322,754	322,754
083	RADIAC	10,718	10,718
084	CANES-INTELL	48,028	48,028
085	GPETE	6,861	6,861
086	MASF	8,081	8,081
087	INTEG COMBAT SYSTEM TEST FACILITY	5,019	5,019
088	EMI CONTROL INSTRUMENTATION	4,188	4,188
089	ITEMS LESS THAN \$5 MILLION	105,292	105,292
	SHIPBOARD COMMUNICATIONS		
090	SHIPBOARD TACTICAL COMMUNICATIONS	23,695	23,695
091	SHIP COMMUNICATIONS AUTOMATION	103,990	103,990
092	COMMUNICATIONS ITEMS UNDER \$5M	18,577	18,577
	SUBMARINE COMMUNICATIONS		
093	SUBMARINE BROADCAST SUPPORT	29,669	29,669
094	SUBMARINE COMMUNICATION EQUIPMENT	86,204	86,204
	SATELLITE COMMUNICATIONS		
095	SATELLITE COMMUNICATIONS SYSTEMS	14,654	14,654
096	NAVY MULTIBAND TERMINAL (NMT)	69,764	69,764
	SHORE COMMUNICATIONS		
097	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	4,256	4,256
	CRYPTOGRAPHIC EQUIPMENT		
099	INFO SYSTEMS SECURITY PROGRAM (ISSP)	89,663	89,663
100	MIO INTEL EXPLOITATION TEAM	961	961
	CRYPTOLOGIC EQUIPMENT		
101	CRYPTOLOGIC COMMUNICATIONS EQUIP	11,287	11,287
	OTHER ELECTRONIC SUPPORT		
110	COAST GUARD EQUIPMENT	36,584	36,584
	SONOBUOYS		

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
112	SONOBUOYS—ALL TYPES	173,616	198,516
	Sonobuoys		[24,900]
	AIRCRAFT SUPPORT EQUIPMENT		
113	WEAPONS RANGE SUPPORT EQUIPMENT	72,110	72,110
114	AIRCRAFT SUPPORT EQUIPMENT	108,482	115,982
	EMALS initial spares		[7,500]
115	ADVANCED ARRESTING GEAR (AAG)	10,900	10,900
116	METEOROLOGICAL EQUIPMENT	21,137	21,137
117	DCRS/DPL	660	660
118	AIRBORNE MINE COUNTERMEASURES	20,605	20,605
119	AVLIATION SUPPORT EQUIPMENT	34,032	34,032
	SHIP GUN SYSTEM EQUIPMENT		
120	SHIP GUN SYSTEMS EQUIPMENT	5,277	5,277
	SHIP MISSILE SYSTEMS EQUIPMENT		
121	SHIP MISSILE SUPPORT EQUIPMENT	272,359	272,359
122	TOMAHAWK SUPPORT EQUIPMENT	73,184	73,184
	FBM SUPPORT EQUIPMENT		
123	STRATEGIC MISSILE SYSTEMS EQUIP	246,221	246,221
	ASW SUPPORT EQUIPMENT		
124	SSN COMBAT CONTROL SYSTEMS	129,972	129,972
125	ASW SUPPORT EQUIPMENT	23,209	23,209
	OTHER ORDNANCE SUPPORT EQUIPMENT		
126	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	15,596	15,596
127	ITEMS LESS THAN \$5 MILLION	5,981	5,981
	OTHER EXPENDABLE ORDNANCE		
128	SUBMARINE TRAINING DEVICE MODS	74,550	74,550
130	SURFACE TRAINING EQUIPMENT	83,022	83,022
	CIVIL ENGINEERING SUPPORT EQUIPMENT		
131	PASSENGER CARRYING VEHICLES	5,299	5,299
132	GENERAL PURPOSE TRUCKS	2,946	3,052
	Realign European Reassurance Initiative to Base		[106]
133	CONSTRUCTION & MAINTENANCE EQUIP	34,970	34,970
134	FIRE FIGHTING EQUIPMENT	2,541	2,541
135	TACTICAL VEHICLES	19,699	19,699
136	AMPHIBIOUS EQUIPMENT	12,162	12,162
137	POLLUTION CONTROL EQUIPMENT	2,748	2,748
138	ITEMS UNDER \$5 MILLION	18,084	18,084
139	PHYSICAL SECURITY VEHICLES	1,170	1,170
	SUPPLY SUPPORT EQUIPMENT		
141	SUPPLY EQUIPMENT	21,797	21,961
	Realign European Reassurance Initiative to Base		[164]
143	FIRST DESTINATION TRANSPORTATION	5,572	5,572
144	SPECIAL PURPOSE SUPPLY SYSTEMS	482,916	482,916
	TRAINING DEVICES		
146	TRAINING AND EDUCATION EQUIPMENT	25,624	25,624
	COMMAND SUPPORT EQUIPMENT		
147	COMMAND SUPPORT EQUIPMENT	59,076	59,076
149	MEDICAL SUPPORT EQUIPMENT	4,383	4,383
151	NAVAL MIP SUPPORT EQUIPMENT	2,030	2,030
152	OPERATING FORCES SUPPORT EQUIPMENT	7,500	7,500
153	C4ISR EQUIPMENT	4,010	4,010
154	ENVIRONMENTAL SUPPORT EQUIPMENT	23,644	24,644
	Realign European Reassurance Initiative to Base		[1,000]
155	PHYSICAL SECURITY EQUIPMENT	101,982	101,982
156	ENTERPRISE INFORMATION TECHNOLOGY	19,789	19,789
	OTHER		
160	NEXT GENERATION ENTERPRISE SERVICE	104,584	104,584
	CLASSIFIED PROGRAMS		
161A	CLASSIFIED PROGRAMS	23,707	23,707
	SPARES AND REPAIR PARTS		
161	SPARES AND REPAIR PARTS	278,565	290,565
	E-2D AHE		[12,000]
	TOTAL OTHER PROCUREMENT, NAVY	8,277,789	8,723,775
	PROCUREMENT, MARINE CORPS		
	TRACKED COMBAT VEHICLES		
001	AAV7A1 PIP	107,665	107,665
002	AMPHIBIOUS COMBAT VEHICLE 1.1	161,511	161,511
003	LAV PIP	17,244	17,244
	ARTILLERY AND OTHER WEAPONS		
004	EXPEDITIONARY FIRE SUPPORT SYSTEM	626	626
005	155MM LIGHTWEIGHT TOWED HOWITZER	20,259	20,259
006	HIGH MOBILITY ARTILLERY ROCKET SYSTEM	59,943	59,943
007	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION	19,616	19,616
	OTHER SUPPORT		
008	MODIFICATION KITS	17,778	17,778
	GUIDED MISSILES		
010	GROUND BASED AIR DEFENSE	9,432	9,432

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
011	JAVELIN	41,159	41,159
012	FOLLOW ON TO SMAW	25,125	25,125
013	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H)	51,553	51,553
	COMMAND AND CONTROL SYSTEMS		
016	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C)	44,928	44,928
	REPAIR AND TEST EQUIPMENT		
017	REPAIR AND TEST EQUIPMENT	33,056	33,056
	COMMAND AND CONTROL SYSTEM (NON-TEL)		
020	ITEMS UNDER \$5 MILLION (COMM & ELEC)	17,644	17,644
021	AIR OPERATIONS C2 SYSTEMS	18,393	18,393
	RADAR + EQUIPMENT (NON-TEL)		
022	RADAR SYSTEMS	12,411	12,411
023	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	139,167	139,167
024	RQ-21 UAS	77,841	77,841
	INTELL/COMM EQUIPMENT (NON-TEL)		
025	GCSS-MC	1,990	1,990
026	FIRE SUPPORT SYSTEM	22,260	22,260
027	INTELLIGENCE SUPPORT EQUIPMENT	55,759	55,759
029	UNMANNED AIR SYSTEMS (INTEL)	10,154	10,154
030	DCGS-MC	13,462	13,462
031	UAS PAYLOADS	14,193	14,193
	OTHER SUPPORT (NON-TEL)		
035	NEXT GENERATION ENTERPRISE NETWORK (NGEN)	98,511	98,511
036	COMMON COMPUTER RESOURCES	66,894	66,894
037	COMMAND POST SYSTEMS	186,912	186,912
038	RADIO SYSTEMS	34,361	34,361
039	COMM SWITCHING & CONTROL SYSTEMS	54,615	54,615
040	COMM & ELEC INFRASTRUCTURE SUPPORT	44,455	44,455
	CLASSIFIED PROGRAMS		
040A	CLASSIFIED PROGRAMS	4,214	4,214
	ADMINISTRATIVE VEHICLES		
042	COMMERCIAL CARGO VEHICLES	66,951	66,951
	TACTICAL VEHICLES		
043	MOTOR TRANSPORT MODIFICATIONS	21,824	21,824
044	JOINT LIGHT TACTICAL VEHICLE	233,639	233,639
045	FAMILY OF TACTICAL TRAILERS	1,938	1,938
046	TRAILERS	10,282	10,282
	ENGINEER AND OTHER EQUIPMENT		
048	ENVIRONMENTAL CONTROL EQUIP ASSORT	1,405	1,405
050	TACTICAL FUEL SYSTEMS	1,788	1,788
051	POWER EQUIPMENT ASSORTED	9,910	9,910
052	AMPHIBIOUS SUPPORT EQUIPMENT	5,830	5,830
053	EOD SYSTEMS	27,240	27,240
	MATERIALS HANDLING EQUIPMENT		
054	PHYSICAL SECURITY EQUIPMENT	53,477	53,477
	GENERAL PROPERTY		
056	TRAINING DEVICES	76,185	85,064
	Unfunded requirement		[8,879]
058	FAMILY OF CONSTRUCTION EQUIPMENT	26,286	26,286
059	FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV)	1,583	1,583
	OTHER SUPPORT		
060	ITEMS LESS THAN \$5 MILLION	7,716	7,716
	SPARES AND REPAIR PARTS		
062	SPARES AND REPAIR PARTS	35,640	35,640
	TOTAL PROCUREMENT, MARINE CORPS	2,064,825	2,073,704
	AIRCRAFT PROCUREMENT, AIR FORCE		
	TACTICAL FORCES		
001	F-35	4,544,684	5,804,684
	Additional Tooling in Support of Unfunded Priority		[60,000]
	Unfunded requirement		[1,200,000]
002	ADVANCE PROCUREMENT (CY)	780,300	780,300
	TACTICAL AIRLIFT		
003	KC-46A TANKER	2,545,674	2,945,674
	KC-46A		[400,000]
	OTHER AIRLIFT		
004	C-130J	57,708	57,708
006	HC-130J	198,502	298,502
	HC-130J		[100,000]
008	MC-130J	379,373	979,373
	MC-130J		[600,000]
009	ADVANCE PROCUREMENT (CY)	30,000	30,000
	MISSION SUPPORT AIRCRAFT		
012	CIVIL AIR PATROL A/C	2,695	2,695
	OTHER AIRCRAFT		
014	TARGET DRONES	109,841	109,841
017	MQ-9	117,141	117,141
	STRATEGIC AIRCRAFT		

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Line	Item	FY 2018 Request	House Authorized
018	B-2A	96,727	105,727
	B-2 Rotary Launcher assembly		[9,000]
019	B-1B	155,634	121,634
	Duplicate funding of F101 engine kits		[-34,000]
020	B-52	109,295	109,295
021	LARGE AIRCRAFT INFRARED COUNTERMEASURES	4,046	122,991
	C-130 LAIRCM		[18,900]
	C-17 LAIRCM		[76,145]
	C-5 LAIRCM		[23,900]
	TACTICAL AIRCRAFT		
022	A-10	6,010	109,010
	Unfunded Requirement		[103,000]
023	F-15	417,193	417,193
024	F-16	203,864	203,864
025	F-22A	161,630	161,630
026	ADVANCE PROCUREMENT (CY)	15,000	15,000
027	F-35 MODIFICATIONS	68,270	68,270
028	INCREMENT 3.2B	105,756	105,756
030	KC-46A TANKER	6,213	6,213
	AIRLIFT AIRCRAFT		
031	C-5	36,592	36,592
032	C-5M	6,817	6,817
033	C-17A	125,522	125,522
034	C-21	13,253	13,253
035	C-32A	79,449	79,449
036	C-37A	15,423	15,423
037	C-130J	10,727	10,727
	TRAINER AIRCRAFT		
038	GLIDER MODS	136	136
039	T-6	35,706	35,706
040	T-1	21,477	21,477
041	T-38	51,641	51,641
	OTHER AIRCRAFT		
042	U-2 MODS	36,406	36,406
043	KC-10A (ATCA)	4,243	4,243
044	C-12	5,846	70,846
	MC-12W upgrades for Air National Guard		[65,000]
045	VC-25A MOD	52,107	52,107
046	C-40	31,119	31,119
047	C-130	66,310	213,310
	C-130H Inflight rebalance system		[18,000]
	C-130H NP2000 Prop		[55,000]
	C-130H T56 3.5		[74,000]
048	C-130J MODS	171,230	171,230
049	C-135	69,428	69,428
050	OC-135B	23,091	23,091
051	COMPASS CALL MODS	166,541	166,541
052	COMBAT FLIGHT INSPECTION (CFIN)	495	495
053	RC-135	201,559	201,559
054	E-3	189,772	189,772
055	E-4	30,493	30,493
056	E-8	13,232	13,232
057	AIRBORNE WARNING AND CONTROL SYSTEM	164,786	164,786
058	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	24,716	24,716
059	H-1	3,730	3,730
060	H-60	75,989	92,089
	Unfunded requirement		[16,100]
061	RQ-4 MODS	43,968	62,268
	HA-ISR Payload Adapters		[18,300]
062	HC/MC-130 MODIFICATIONS	67,674	67,674
063	OTHER AIRCRAFT	59,068	59,068
065	MQ-9 MODS	264,740	269,940
	FY17 10th Pod Set Procurement Shortfall		[5,200]
066	CV-22 MODS	60,990	60,990
	AIRCRAFT SPARES AND REPAIR PARTS		
067	INITIAL SPARES/REPAIR PARTS	1,041,569	1,121,169
	Additional F-35 Initial Spares		[79,600]
	COMMON SUPPORT EQUIPMENT		
068	AIRCRAFT REPLACEMENT SUPPORT EQUIP	75,846	101,263
	Realign European Reassurance Initiative to Base		[25,417]
069	OTHER PRODUCTION CHARGES	8,524	8,524
071	T-53A TRAINER	501	501
	POST PRODUCTION SUPPORT		
072	B-2A	447	447
073	B-2A	38,509	38,509
074	B-52	199	199
075	C-17A	12,028	12,028
078	RC-135	29,700	29,700

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
079	F-15	20,000	20,000
080	F-15	2,524	2,524
081	F-16	18,051	5,651
	Program reduction		[-12,400]
082	F-22A	119,566	119,566
083	OTHER AIRCRAFT	85,000	85,000
085	RQ-4 POST PRODUCTION CHARGES	86,695	86,695
086	CV-22 MODS	4,500	4,500
	INDUSTRIAL PREPAREDNESS		
087	INDUSTRIAL RESPONSIVENESS	14,739	30,739
	Program increase		[16,000]
088	C-130J	102,000	102,000
	WAR CONSUMABLES		
089	WAR CONSUMABLES	37,647	37,647
	OTHER PRODUCTION CHARGES		
090	OTHER PRODUCTION CHARGES	1,339,160	1,339,160
092	OTHER AIRCRAFT	600	600
	CLASSIFIED PROGRAMS		
092A	CLASSIFIED PROGRAMS	53,212	53,212
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	15,430,849	18,348,011
	MISSILE PROCUREMENT, AIR FORCE		
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC		
001	MISSILE REPLACEMENT EQ-BALLISTIC	99,098	99,098
	TACTICAL		
002	JOINT AIR-SURFACE STANDOFF MISSILE	441,367	441,367
003	LRASM0	44,728	61,728
	LRASM		[17,000]
004	SIDEWINDER (AIM-9X)	125,350	125,350
005	AMRAAM	304,327	304,327
006	PREDATOR HELLFIRE MISSILE	34,867	34,867
007	SMALL DIAMETER BOMB	266,030	266,030
	INDUSTRIAL FACILITIES		
008	INDUSTRIAL PREPAREDNESS/POL PREVENTION	926	926
	CLASS IV		
009	ICBM FUZE MOD	6,334	6,334
010	MM III MODIFICATIONS	80,109	80,109
011	AGM-65D MAVERICK	289	289
013	AIR LAUNCH CRUISE MISSILE (ALCM)	36,425	36,425
014	SMALL DIAMETER BOMB	14,086	14,086
	MISSILE SPARES AND REPAIR PARTS		
015	INITIAL SPARES/REPAIR PARTS	101,153	101,153
	SPECIAL PROGRAMS		
020	SPECIAL UPDATE PROGRAMS	32,917	32,917
	CLASSIFIED PROGRAMS		
020A	CLASSIFIED PROGRAMS	708,176	708,176
	TOTAL MISSILE PROCUREMENT, AIR FORCE	2,296,182	2,313,182
	SPACE PROCUREMENT, AIR FORCE		
	SPACE PROGRAMS		
001	ADVANCED EHF	56,974	56,974
002	AF SATELLITE COMM SYSTEM	57,516	57,516
003	COUNTERSPACE SYSTEMS	28,798	28,798
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	146,972	146,972
005	WIDEBAND GAPFILLER SATELLITES(SPACE)	80,849	180,849
	Long-lead procurement for protecting supply chain and schedule for WGS communications.		[100,000]
006	GPS III SPACE SEGMENT	85,894	85,894
007	GLOBAL POSITIONING (SPACE)	2,198	2,198
008	SPACEBORNE EQUIP (COMSEC)	25,048	25,048
010	MILSATCOM	33,033	33,033
011	EVOLVED EXPENDABLE LAUNCH CAPABILITY	957,420	957,420
012	EVOLVED EXPENDABLE LAUNCH VEH(SPACE)	606,488	606,488
013	SBIR HIGH (SPACE)	981,009	1,057,359
	AF UPL—fully fund emerging cyber security requirement		[44,900]
	AF UPL—procure commercially available antenna		[15,450]
	AF UPL upgrades ground antenna		[16,000]
014	ADVANCE PROCUREMENT (CY)	132,420	132,420
015	NUDET DETECTION SYSTEM	6,370	6,370
016	SPACE MODS	37,203	37,203
017	SPACELIFT RANGE SYSTEM SPACE	113,874	113,874
	SSPARES		
018	INITIAL SPARES/REPAIR PARTS	18,709	18,709
	TOTAL SPACE PROCUREMENT, AIR FORCE	3,370,775	3,547,125
	PROCUREMENT OF AMMUNITION, AIR FORCE		
	ROCKETS		
001	ROCKETS	147,454	147,454

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
	CARTRIDGES		
002	CARTRIDGES	161,744	161,744
	BOMBS		
003	PRACTICE BOMBS	28,509	28,509
004	GENERAL PURPOSE BOMBS	329,501	329,501
005	MASSIVE ORDNANCE PENETRATOR (MOP)	38,382	38,382
006	JOINT DIRECT ATTACK MUNITION	319,525	319,525
007	B61	77,068	77,068
008	ADVANCE PROCUREMENT (CY)	11,239	11,239
	OTHER ITEMS		
009	CAD/PAD	53,469	53,469
010	EXPLOSIVE ORDNANCE DISPOSAL (EOD)	5,921	5,921
011	SPARES AND REPAIR PARTS	678	678
012	MODIFICATIONS	1,409	1,409
013	ITEMS LESS THAN \$5 MILLION	5,047	5,047
	FLARES		
015	FLARES	143,983	143,983
	FUZES		
016	FUZES	24,062	24,062
	SMALL ARMS		
017	SMALL ARMS	28,611	28,611
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	1,376,602	1,376,602
	OTHER PROCUREMENT, AIR FORCE		
	PASSENGER CARRYING VEHICLES		
001	PASSENGER CARRYING VEHICLES	15,651	17,001
	Realign European Reassurance Initiative to Base		[1,350]
	CARGO AND UTILITY VEHICLES		
002	MEDIUM TACTICAL VEHICLE	54,607	54,607
003	CAP VEHICLES	1,011	1,011
004	CARGO AND UTILITY VEHICLES	28,670	28,670
	SPECIAL PURPOSE VEHICLES		
005	SECURITY AND TACTICAL VEHICLES	59,398	59,398
006	SPECIAL PURPOSE VEHICLES	19,784	51,605
	Realign European Reassurance Initiative to Base		[31,821]
	FIRE FIGHTING EQUIPMENT		
007	FIRE FIGHTING/CRASH RESCUE VEHICLES	14,768	37,351
	Realign European Reassurance Initiative to Base		[22,583]
	MATERIALS HANDLING EQUIPMENT		
008	MATERIALS HANDLING VEHICLES	13,561	17,587
	Realign European Reassurance Initiative to Base		[4,026]
	BASE MAINTENANCE SUPPORT		
009	RUNWAY SNOW REMOV & CLEANING EQUIP	3,429	12,590
	Realign European Reassurance Initiative to Base		[9,161]
010	BASE MAINTENANCE SUPPORT VEHICLES	60,075	99,767
	Realign European Reassurance Initiative to Base		[39,692]
	COMM SECURITY EQUIPMENT(COMSEC)		
011	COMSEC EQUIPMENT	115,000	123,000
	Unfunded requirement		[8,000]
	INTELLIGENCE PROGRAMS		
013	INTERNATIONAL INTEL TECH & ARCHITECTURES	22,335	22,335
014	INTELLIGENCE TRAINING EQUIPMENT	5,892	5,892
015	INTELLIGENCE COMM EQUIPMENT	34,072	34,072
	ELECTRONICS PROGRAMS		
016	AIR TRAFFIC CONTROL & LANDING SYS	66,143	66,143
017	NATIONAL AIRSPACE SYSTEM	12,641	12,641
018	BATTLE CONTROL SYSTEM—FIXED	6,415	6,415
019	THEATER AIR CONTROL SYS IMPROVEMENTS	23,233	23,233
020	WEATHER OBSERVATION FORECAST	40,116	40,116
021	STRATEGIC COMMAND AND CONTROL	72,810	72,810
022	CHEYENNE MOUNTAIN COMPLEX	9,864	9,864
023	MISSION PLANNING SYSTEMS	15,486	15,486
025	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN)	9,187	9,187
	SPCL COMM-ELECTRONICS PROJECTS		
026	GENERAL INFORMATION TECHNOLOGY	51,826	51,826
027	AF GLOBAL COMMAND & CONTROL SYS	3,634	3,634
028	MOBILITY COMMAND AND CONTROL	10,083	10,083
029	AIR FORCE PHYSICAL SECURITY SYSTEM	201,866	201,866
030	COMBAT TRAINING RANGES	115,198	115,198
031	MINIMUM ESSENTIAL EMERGENCY COMM N	292	292
032	WIDE AREA SURVEILLANCE (WAS)	62,087	62,087
033	C3 COUNTERMEASURES	37,764	37,764
034	GCSS-AF FOS	2,826	2,826
035	DEFENSE ENTERPRISE ACCOUNTING AND MGMT SYSTEM	1,514	1,514
036	THEATER BATTLE MGT C2 SYSTEM	9,646	9,646
037	AIR & SPACE OPERATIONS CTR-WPN SYS	25,533	25,533
	AIR FORCE COMMUNICATIONS		
040	BASE INFORMATION TRANSPRT INFRASTR (BITI) WIRED	28,159	28,159

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
041	AFNET	160,820	186,820
	Unfunded requirement		[26,000]
042	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	5,135	5,135
043	USCENTCOM	18,719	18,719
	ORGANIZATION AND BASE		
044	TACTICAL C-E EQUIPMENT	123,206	123,206
045	COMBAT SURVIVOR EVADER LOCATER	3,004	3,004
046	RADIO EQUIPMENT	15,736	15,736
047	CCTV/AUDIOVISUAL EQUIPMENT	5,480	5,480
048	BASE COMM INFRASTRUCTURE	130,539	185,539
	Realign European Reassurance Initiative to Base		[55,000]
	MODIFICATIONS		
049	COMM ELECT MODS	70,798	70,798
	PERSONAL SAFETY & RESCUE EQUIP		
051	ITEMS LESS THAN \$5 MILLION	52,964	53,464
	Unfunded requirement—Instructor Training Parachutes		[500]
	DEPOT PLANT+MTRLS HANDLING EQ		
052	MECHANIZED MATERIAL HANDLING EQUIP	10,381	10,381
	BASE SUPPORT EQUIPMENT		
053	BASE PROCURED EQUIPMENT	15,038	27,538
	Program increase—Civil Engineers Construction, Surveying, and Mapping Equipment.		[5,000]
	Realign European Reassurance Initiative to Base		[7,500]
054	ENGINEERING AND EOD EQUIPMENT	26,287	26,287
055	MOBILITY EQUIPMENT	8,470	8,470
056	ITEMS LESS THAN \$5 MILLION	28,768	132,783
	Realign European Reassurance Initiative to Base		[104,015]
	SPECIAL SUPPORT PROJECTS		
058	DARP RC135	25,985	25,985
059	DCGS-AF	178,423	178,423
061	SPECIAL UPDATE PROGRAM	840,980	840,980
	CLASSIFIED PROGRAMS		
062A	CLASSIFIED PROGRAMS	16,601,513	16,601,513
	SPARES AND REPAIR PARTS		
064	SPARES AND REPAIR PARTS	26,675	26,675
	TOTAL OTHER PROCUREMENT, AIR FORCE	19,603,497	19,918,145
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, OSD		
042	MAJOR EQUIPMENT, OSD	36,999	36,999
	MAJOR EQUIPMENT, NSA		
041	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	5,938	5,938
	MAJOR EQUIPMENT, WHS		
045	MAJOR EQUIPMENT, WHS	10,529	10,529
	MAJOR EQUIPMENT, DISA		
007	INFORMATION SYSTEMS SECURITY	24,805	24,805
008	TELEPORT PROGRAM	46,638	46,638
009	ITEMS LESS THAN \$5 MILLION	15,541	15,541
010	NET CENTRIC ENTERPRISE SERVICES (NCES)	1,161	1,161
011	DEFENSE INFORMATION SYSTEM NETWORK	126,345	126,345
012	CYBER SECURITY INITIATIVE	1,817	1,817
013	WHITE HOUSE COMMUNICATION AGENCY	45,243	45,243
014	SENIOR LEADERSHIP ENTERPRISE	294,139	294,139
016	JOINT REGIONAL SECURITY STACKS (JRSS)	188,483	188,483
017	JOINT SERVICE PROVIDER	100,783	100,783
	MAJOR EQUIPMENT, DLA		
019	MAJOR EQUIPMENT	2,951	2,951
	MAJOR EQUIPMENT, DSS		
023	MAJOR EQUIPMENT	1,073	1,073
	MAJOR EQUIPMENT, DCAA		
001	ITEMS LESS THAN \$5 MILLION	1,475	1,475
	MAJOR EQUIPMENT, TJS		
043	MAJOR EQUIPMENT, TJS	9,341	9,341
044	MAJOR EQUIPMENT, TJS—CE2T2	903	903
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY		
027	THAAD	451,592	770,992
	Procure additional THAAD interceptors		[319,400]
028	AEGIS BMD	425,018	583,018
	Additional SM-3 Block 1B		[158,000]
029	ADVANCE PROCUREMENT (CY)	38,738	38,738
030	BMDS AN/TPY-2 RADARS	947	947
033	AEGIS ASHORE PHASE III	59,739	59,739
034	IRON DOME	42,000	42,000
035	AEGIS BMD HARDWARE AND SOFTWARE	160,330	160,330
	MAJOR EQUIPMENT, DHRA		
003	PERSONNEL ADMINISTRATION	14,588	14,588
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY		
025	VEHICLES	204	204

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
026	OTHER MAJOR EQUIPMENT	12,363	12,363
	MAJOR EQUIPMENT, DODEA		
021	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	1,910	1,910
	MAJOR EQUIPMENT, DCMA		
002	MAJOR EQUIPMENT	4,347	4,347
	MAJOR EQUIPMENT, DMACT		
020	MAJOR EQUIPMENT	13,464	13,464
	CLASSIFIED PROGRAMS		
045A	CLASSIFIED PROGRAMS	657,759	657,759
	AVIATION PROGRAMS		
049	ROTARY WING UPGRADES AND SUSTAINMENT	158,988	151,488
	Per SOCOM requested realignment		[-7,500]
050	UNMANNED ISR	13,295	13,295
051	NON-STANDARD AVIATION	4,892	4,892
052	U-28	5,769	5,769
053	MH-47 CHINOOK	87,345	87,345
055	CV-22 MODIFICATION	42,178	42,178
057	MQ-9 UNMANNED AERIAL VEHICLE	21,660	21,660
059	PRECISION STRIKE PACKAGE	229,728	229,728
060	AC/MC-130J	179,934	179,934
061	C-130 MODIFICATIONS	28,059	28,059
	SHIPBUILDING		
062	UNDERWATER SYSTEMS	92,606	79,806
	Per SOCOM requested realignment		[-12,800]
	AMMUNITION PROGRAMS		
063	ORDNANCE ITEMS <\$5M	112,331	112,331
	OTHER PROCUREMENT PROGRAMS		
064	INTELLIGENCE SYSTEMS	82,538	82,538
065	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	11,042	11,042
066	OTHER ITEMS <\$5M	54,592	54,592
067	COMBATANT CRAFT SYSTEMS	23,272	23,272
068	SPECIAL PROGRAMS	16,053	16,053
069	TACTICAL VEHICLES	63,304	63,304
070	WARRIOR SYSTEMS <\$5M	252,070	252,070
071	COMBAT MISSION REQUIREMENTS	19,570	19,570
072	GLOBAL VIDEO SURVEILLANCE ACTIVITIES	3,589	3,589
073	OPERATIONAL ENHANCEMENTS INTELLIGENCE	17,953	17,953
075	OPERATIONAL ENHANCEMENTS	241,429	241,429
	CBDP		
076	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	135,031	135,031
077	CB PROTECTION & HAZARD MITIGATION	141,027	141,027
	TOTAL PROCUREMENT, DEFENSE-WIDE	4,835,418	5,292,518
	JOINT URGENT OPERATIONAL NEEDS FUND		
	JOINT URGENT OPERATIONAL NEEDS FUND		
001	JOINT URGENT OPERATIONAL NEEDS FUND	99,795	0
	Program reduction		[-99,795]
	TOTAL JOINT URGENT OPERATIONAL NEEDS FUND	99,795	0
	TOTAL PROCUREMENT	113,983,713	127,861,301

1 SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY
2 OPERATIONS.

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
	AIRCRAFT PROCUREMENT, ARMY		
	FIXED WING		
004	MQ-1 UAV	87,300	87,300
	ROTARY		
006	AH-64 APACHE BLOCK IIIA REMAN	39,040	78,040
	Unfunded requirement		[39,000]
	MODIFICATION OF AIRCRAFT		
015	MQ-1 PAYLOAD (MIP)	41,400	33,400
	Realign European Reassurance Initiative to Base		[-8,000]
018	MULTI SENSOR ABN RECON (MIP)	33,475	4,000
	Realign European Reassurance Initiative to Base		[-29,475]
023	EMARSS SEMA MODS (MIP)	36,000	36,000
025	UTILITY HELICOPTER MODS		34,809
	Unfunded requirement		[34,809]
027	COMMS, NAV SURVEILLANCE	4,289	4,289

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
GROUND SUPPORT AVIONICS			
033	CMWS	139,742	201,542
	Unfunded requirement—B kits		[61,800]
034	COMMON INFRARED COUNTERMEASURES (CIRCM)	43,440	43,440
OTHER SUPPORT			
037	AIRCREW INTEGRATED SYSTEMS		12,100
	Unfunded requirement		[12,100]
	TOTAL AIRCRAFT PROCUREMENT, ARMY	424,686	534,920
MISSILE PROCUREMENT, ARMY			
SURFACE-TO-AIR MISSILE SYSTEM			
002	MSE MISSILE		633,570
	Meet inventory requirements for COCOMS		[633,570]
AIR-TO-SURFACE MISSILE SYSTEM			
005	HELLFIRE SYS SUMMARY	278,073	288,073
	Unfunded requirement		[10,000]
ANTI-TANK/ASSAULT MISSILE SYS			
008	JAVELIN (AAWS-M) SYSTEM SUMMARY	8,112	147,300
	Realign European Reassurance Initiative to Base		[-8,112]
	Unfunded requirement		[147,300]
009	TOW 2 SYSTEM SUMMARY	3,907	0
	Realign European Reassurance Initiative to Base		[-3,907]
011	GUIDED MLRS ROCKET (GMLRS)	191,522	204,522
	Unfunded requirement		[13,000]
012	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)		6,330
	Unfunded requirement		[6,330]
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)	41,000	0
	Realign European Reassurance Initiative to Base		[-41,000]
014	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS)	8,669	55,269
	Unfunded requirement		[46,600]
MODIFICATIONS			
016	ATACMS MODS		69,400
	Unfunded requirement		[69,400]
018	STINGER MODS	28,000	0
	Realign European Reassurance Initiative to Base		[-28,000]
	TOTAL MISSILE PROCUREMENT, ARMY	559,283	1,404,464
PROCUREMENT OF W&TCV, ARMY			
TRACKED COMBAT VEHICLES			
001	BRADLEY PROGRAM	200,000	0
	Realign European Reassurance Initiative to Base		[-200,000]
002	ARMORED MULTI PURPOSE VEHICLE (AMPV)	253,903	0
	Realign European Reassurance Initiative to Base		[-253,903]
MODIFICATION OF TRACKED COMBAT VEHICLES			
004	STRYKER (MOD)		177,000
	Unfunded requirement – lethality upgrades		[177,000]
006	BRADLEY PROGRAM (MOD)	30,000	0
	Realign European Reassurance Initiative to Base		[-30,000]
008	PALADIN INTEGRATED MANAGEMENT (PIM)	125,736	0
	Realign European Reassurance Initiative to Base		[-125,736]
014	M1 ABRAMS TANK (MOD)	138,700	0
	Realign European Reassurance Initiative to Base		[-138,700]
015	ABRAMS UPGRADE PROGRAM	442,800	0
	Realign European Reassurance Initiative to Base		[-442,800]
	TOTAL PROCUREMENT OF W&TCV, ARMY	1,191,139	177,000
PROCUREMENT OF AMMUNITION, ARMY			
SMALL/MEDIUM CAL AMMUNITION			
001	CTG, 5.56MM, ALL TYPES		7,100
	Unfunded requirement		[7,100]
002	CTG, 7.62MM, ALL TYPES		14,900
	Unfunded requirement		[14,900]
003	CTG, HANDGUN, ALL TYPES	5	90
	Realign European Reassurance Initiative to Base		[-5]
	Unfunded requirement		[90]
004	CTG, .50 CAL, ALL TYPES	121	8,890
	Realign European Reassurance Initiative to Base		[-121]
	Unfunded requirement		[8,890]
005	CTG, 20MM, ALL TYPES	1,605	1,605
006	CTG, 25MM, ALL TYPES		31,862
	Unfunded requirement		[31,862]
007	CTG, 30MM, ALL TYPES	35,000	12,150
	Realign European Reassurance Initiative to Base		[-25,000]
	Unfunded requirement		[2,150]
008	CTG, 40MM, ALL TYPES		17,191
	Unfunded requirement		[17,191]
MORTAR AMMUNITION			
009	60MM MORTAR, ALL TYPES		2,500

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
	Unfunded requirement		[2,500]
010	81MM MORTAR, ALL TYPES		3,109
	Unfunded requirement		[3,109]
011	120MM MORTAR, ALL TYPES		18,192
	Unfunded requirement		[18,192]
	TANK AMMUNITION		
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES		40,300
	Unfunded requirement		[40,300]
	ARTILLERY AMMUNITION		
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES		159,181
	Unfunded requirement		[159,181]
015	PROJ 155MM EXTENDED RANGE M982	23,234	4,189
	Realign European Reassurance Initiative to Base		[-19,045]
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	20,023	84,067
	Realign European Reassurance Initiative to Base		[-16,678]
	Unfunded requirement		[80,722]
	MINES		
017	MINES & CLEARING CHARGES, ALL TYPES	11,615	3,000
	Realign European Reassurance Initiative to Base		[-11,615]
	Unfunded requirement		[3,000]
	ROCKETS		
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	25,000	86,881
	Unfunded requirement		[61,881]
020	ROCKET, HYDRA 70, ALL TYPES	75,820	163,820
	Unfunded requirement		[20,000]
	Unfunded requirement—APKWS and M282 warheads		[68,000]
	OTHER AMMUNITION		
022	DEMOLITION MUNITIONS, ALL TYPES		2,261
	Unfunded requirement		[2,261]
023	GRENADES, ALL TYPES		25,361
	Unfunded requirement		[25,361]
024	SIGNALS, ALL TYPES	1,013	1,842
	Unfunded requirement		[829]
025	SIMULATORS, ALL TYPES		450
	Unfunded requirement		[450]
	MISCELLANEOUS		
027	NON-LETHAL AMMUNITION, ALL TYPES		150
	Unfunded requirement		[150]
028	ITEMS LESS THAN \$5 MILLION (AMMO)		3,665
	Unfunded requirement		[3,665]
	PRODUCTION BASE SUPPORT		
033	CONVENTIONAL MUNITIONS DEMILITARIZATION		53,000
	Unfunded requirement		[53,000]
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	193,436	745,756
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	25,874	0
	Realign European Reassurance Initiative to Base		[-25,874]
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV	38,628	0
	Realign European Reassurance Initiative to Base		[-38,628]
014	MODIFICATION OF IN SVC EQUIP	64,647	135,900
	Realign European Reassurance Initiative to Base		[-2,599]
	Unfunded requirement—route clearance and mine protected vehicles		[73,852]
015	MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS	17,508	17,508
	COMM—JOINT COMMUNICATIONS		
020	SIGNAL MODERNIZATION PROGRAM	4,900	4,900
	COMM—COMBAT COMMUNICATIONS		
041	TRACTOR RIDE	1,000	1,000
	COMM—BASE COMMUNICATIONS		
062	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	2,500	0
	Realign European Reassurance Initiative to Base		[-2,500]
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
068	DCGS-A (MIP)	39,515	52,515
	Unfunded requirement		[13,000]
070	TROJAN (MIP)	21,310	15,310
	Realign European Reassurance Initiative to Base		[-6,000]
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	2,300	2,300
072	CI HUMINT AUTO REPRTING AND COLL(CHARCS)	14,460	14,460
075	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP)	5,180	5,180
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
079	CREW		17,500
	Unfunded requirement—EOD DR SKOs		[17,500]
080	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIE	16,935	21,935
	Unfunded requirement		[5,000]
081	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	18,874	12,974
	Realign European Reassurance Initiative to Base		[-5,900]
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
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Line	Item	FY 2018 Request	House Authorized
084	NIGHT VISION DEVICES	377	377
085	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	60	2,210
	Unfunded requirement		[2,150]
086	BASE EXPEDITIARY TARGETING AND SURV SYS		29,462
	Unfunded requirement		[29,462]
087	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	57,500	200,110
	Unfunded requirement—Air and Missile Defense (SHORAD)		[142,610]
091	JOINT BATTLE COMMAND—PLATFORM (JBC-P)		-2,300
	Realign European Reassurance Initiative to Base		[-2,300]
093	MOD OF IN-SVC EQUIP (LLDR)	3,974	0
	Realign European Reassurance Initiative to Base		[-3,974]
095	MORTAR FIRE CONTROL SYSTEM	2,947	2,872
	Realign European Reassurance Initiative to Base		[-75]
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
098	AIR & MSL DEFENSE PLANNING & CONTROL SYS	9,100	0
	Realign European Reassurance Initiative to Base		[-9,100]
	CHEMICAL DEFENSIVE EQUIPMENT		
119	BASE DEFENSE SYSTEMS (BDS)	3,726	3,726
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
126	GRND STANDOFF MINE DETECTN SYM (GSTAMIDS)		10,800
	Unfunded requirement		[10,800]
128	HUSKY MOUNTED DETECTION SYSTEM (HMDS)		2,400
	Unfunded requirement		[2,400]
	COMBAT SERVICE SUPPORT EQUIPMENT		
136	HEATERS AND ECU'S	270	270
142	FIELD FEEDING EQUIPMENT	145	145
143	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	1,980	1,980
	MEDICAL EQUIPMENT		
148	COMBAT SUPPORT MEDICAL	25,690	4,568
	Realign European Reassurance Initiative to Base		[-21,122]
	MAINTENANCE EQUIPMENT		
149	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	1,124	0
	Realign European Reassurance Initiative to Base		[-1,124]
	CONSTRUCTION EQUIPMENT		
153	HYDRAULIC EXCAVATOR	3,850	3,850
157	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	1,932	1,932
	GENERATORS		
164	GENERATORS AND ASSOCIATED EQUIP	569	569
	TRAINING EQUIPMENT		
168	TRAINING DEVICES, NONSYSTEM	2,700	0
	Realign European Reassurance Initiative to Base		[-2,700]
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
173	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	7,500	0
	Realign European Reassurance Initiative to Base		[-7,500]
	OTHER SUPPORT EQUIPMENT		
176	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	8,500	13,500
	Unfunded requirement		[5,000]
	TOTAL OTHER PROCUREMENT, ARMY	405,575	577,953
	JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND		
	NETWORK ATTACK		
001	RAPID ACQUISITION AND THREAT RESPONSE	483,058	483,058
	TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND	483,058	483,058
	AIRCRAFT PROCUREMENT, NAVY		
	OTHER AIRCRAFT		
027	STUASLO UAV	3,900	3,900
	MODIFICATION OF AIRCRAFT		
033	F-18 SERIES		16,000
	Unfunded requirement -ALR-67(V)3 Retrofit A and B Kits		[16,000]
034	H-53 SERIES	950	950
035	SH-60 SERIES	15,382	15,382
037	EP-3 SERIES	7,220	7,220
047	SPECIAL PROJECT AIRCRAFT	19,855	19,855
051	COMMON ECM EQUIPMENT	75,530	75,530
062	QRC	15,150	15,150
	AIRCRAFT SPARES AND REPAIR PARTS		
064	SPARES AND REPAIR PARTS	18,850	18,850
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
066	AIRCRAFT INDUSTRIAL FACILITIES	463	463
	TOTAL AIRCRAFT PROCUREMENT, NAVY	157,300	173,300
	WEAPONS PROCUREMENT, NAVY		
	STRATEGIC MISSILES		
003	TOMAHAWK	100,086	100,086
	TACTICAL MISSILES		
004	AMRAAM		12,000
	Unfunded requirement—AIM-120 Captive Air Training Missiles Guidance sections.		[12,000]

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
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Line	Item	FY 2018 Request	House Authorized
007	STANDARD MISSILE	35,208	35,208
011	HELLFIRE	8,771	8,771
012	LASER MAVERICK	5,040	5,040
	MODIFICATION OF MISSILES		
017	ESSM	1,768	1,768
	GUNS AND GUN MOUNTS		
035	SMALL ARMS AND WEAPONS	1,500	1,500
	TOTAL WEAPONS PROCUREMENT, NAVY	152,373	164,373
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
001	GENERAL PURPOSE BOMBS	74,021	74,021
002	JDAM	106,941	106,941
003	AIRBORNE ROCKETS, ALL TYPES	1,184	1,184
007	AIR EXPENDABLE COUNTERMEASURES	15,700	15,700
008	JATOS	540	540
012	OTHER SHIP GUN AMMUNITION	13,789	13,789
013	SMALL ARMS & LANDING PARTY AMMO	1,963	1,963
014	PYROTECHNIC AND DEMOLITION	765	765
016	AMMUNITION LESS THAN \$5 MILLION	866	866
	MARINE CORPS AMMUNITION		
019	60MM, ALL TYPES		11,000
	Unfunded requirement—Full range practice rounds		[11,000]
020	MORTARS	1,290	1,290
021	81MM, ALL TYPES		14,500
	Unfunded requirement—Full range practice rounds		[14,500]
023	DIRECT SUPPORT MUNITIONS	1,355	1,355
024	INFANTRY WEAPONS AMMUNITION	1,854	1,854
027	ARTILLERY, ALL TYPES		17,000
	Unfunded requirement—HE Training Rounds		[17,000]
033	ARTILLERY MUNITIONS	5,319	5,319
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	225,587	268,087
	OTHER PROCUREMENT, NAVY		
	OTHER SHIPBOARD EQUIPMENT		
025	UNDERWATER EOD PROGRAMS	12,348	8,332
	Realign European Reassurance Initiative to Base		[-4,016]
	SMALL BOATS		
032	STANDARD BOATS	18,000	18,000
	SHIP SONARS		
046	SSN ACOUSTIC EQUIPMENT	43,500	0
	Realign European Reassurance Initiative to Base		[-43,500]
	AVIATION ELECTRONIC EQUIPMENT		
078	NAVAL MISSION PLANNING SYSTEMS	2,550	2,550
	OTHER SHORE ELECTRONIC EQUIPMENT		
080	TACTICAL/MOBILE CH SYSTEMS	7,900	0
	Realign European Reassurance Initiative to Base		[-7,900]
081	DCGS-N	6,392	4,492
	Realign European Reassurance Initiative to Base		[-1,900]
	CRYPTOLOGIC EQUIPMENT		
101	CRYPTOLOGIC COMMUNICATIONS EQUIP	2,280	2,280
	AIRCRAFT SUPPORT EQUIPMENT		
119	AVIATION SUPPORT EQUIPMENT	29,245	29,245
	SHIP MISSILE SYSTEMS EQUIPMENT		
121	SHIP MISSILE SUPPORT EQUIPMENT	2,436	2,436
	OTHER ORDNANCE SUPPORT EQUIPMENT		
126	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	31,970	31,970
	CIVIL ENGINEERING SUPPORT EQUIPMENT		
132	GENERAL PURPOSE TRUCKS	496	390
	Realign European Reassurance Initiative to Base		[-106]
134	FIRE FIGHTING EQUIPMENT	2,304	2,304
135	TACTICAL VEHICLES	2,336	2,336
	SUPPLY SUPPORT EQUIPMENT		
141	SUPPLY EQUIPMENT	164	0
	Realign European Reassurance Initiative to Base		[-164]
143	FIRST DESTINATION TRANSPORTATION	420	420
	COMMAND SUPPORT EQUIPMENT		
147	COMMAND SUPPORT EQUIPMENT	21,650	21,650
152	OPERATING FORCES SUPPORT EQUIPMENT	15,800	15,800
154	ENVIRONMENTAL SUPPORT EQUIPMENT	1,000	0
	Realign European Reassurance Initiative to Base		[-1,000]
155	PHYSICAL SECURITY EQUIPMENT	15,890	15,890
	CLASSIFIED PROGRAMS		
161A	CLASSIFIED PROGRAMS	2,200	2,200
	SPARES AND REPAIR PARTS		
161	SPARES AND REPAIR PARTS	1,178	1,178
	TOTAL OTHER PROCUREMENT, NAVY	220,059	161,473

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
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Line	Item	FY 2018 Request	House Authorized
PROCUREMENT, MARINE CORPS			
ARTILLERY AND OTHER WEAPONS			
006	HIGH MOBILITY ARTILLERY ROCKET SYSTEM	5,360	5,360
GUIDED MISSILES			
011	JAVELIN	2,833	2,833
012	FOLLOW ON TO SMAW	49	49
013	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H)	5,024	5,024
REPAIR AND TEST EQUIPMENT			
017	REPAIR AND TEST EQUIPMENT	8,241	8,241
OTHER SUPPORT (TEL)			
019	MODIFICATION KITS	750	750
COMMAND AND CONTROL SYSTEM (NON-TEL)			
020	ITEMS UNDER \$5 MILLION (COMM & ELEC)	200	20,400
	Unfunded requirement—night optics for sniper rifles		[20,200]
RADAR + EQUIPMENT (NON-TEL)			
023	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)		39,200
	Unfunded requirement—CEG Shelters		[1,500]
	Unfunded requirement—G/ATOR acceleration		[37,700]
024	RQ-21 UAS	8,400	8,400
INTELL/COMM EQUIPMENT (NON-TEL)			
026	FIRE SUPPORT SYSTEM	50	50
027	INTELLIGENCE SUPPORT EQUIPMENT	3,000	3,000
029	UNMANNED AIR SYSTEMS (INTEL)		16,600
	Unfunded requirement – UUNS for long endurance small UAS		[16,600]
OTHER SUPPORT (NON-TEL)			
037	COMMAND POST SYSTEMS	5,777	75,777
	Additional NOTM-A Systems for emerging operational requirements		[70,000]
038	RADIO SYSTEMS	4,590	4,590
ENGINEER AND OTHER EQUIPMENT			
053	EOD SYSTEMS	21,000	21,000
SPARES AND REPAIR PARTS			
062	SPARES AND REPAIR PARTS		3,129
	Unfunded requirement—G/ATOR spares		[3,129]
	TOTAL PROCUREMENT, MARINE CORPS	65,274	214,403
AIRCRAFT PROCUREMENT, AIR FORCE			
OTHER AIRCRAFT			
017	MQ-9	271,080	271,080
AIRLIFT AIRCRAFT			
033	C-17A	26,850	26,850
OTHER AIRCRAFT			
048	C-130J MODS	8,400	8,400
051	COMPASS CALL MODS	56,720	56,720
056	E-8	3,000	3,000
061	RQ-4 MODS		39,600
	Unfunded requirement—Tactical Field Terminal Antennas		[39,600]
062	HC/MC-130 MODIFICATIONS	153,080	153,080
063	OTHER AIRCRAFT	10,381	10,381
065	MQ-9 MODS	56,400	56,400
AIRCRAFT SPARES AND REPAIR PARTS			
067	INITIAL SPARES/REPAIR PARTS	129,450	129,450
COMMON SUPPORT EQUIPMENT			
068	AIRCRAFT REPLACEMENT SUPPORT EQUIP	25,417	0
	Realign European Reassurance Initiative to Base		[-25,417]
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	740,778	754,961
MISSILE PROCUREMENT, AIR FORCE			
TACTICAL			
006	PREDATOR HELLFIRE MISSILE	294,480	294,480
007	SMALL DIAMETER BOMB	90,920	90,920
CLASS IV			
011	AGM-65D MAVERICK	10,000	10,000
	TOTAL MISSILE PROCUREMENT, AIR FORCE	395,400	395,400
SPACE PROCUREMENT, AIR FORCE			
SPACE PROGRAMS			
010	MILSATCOM	2,256	2,256
	TOTAL SPACE PROCUREMENT, AIR FORCE	2,256	2,256
PROCUREMENT OF AMMUNITION, AIR FORCE			
ROCKETS			
001	ROCKETS	49,050	49,050
CARTRIDGES			
002	CARTRIDGES	11,384	11,384
BOMBS			
006	JOINT DIRECT ATTACK MUNITION	390,577	390,577
FLARES			
015	FLARES	3,498	3,498

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
	FUZES		
016	FUZES	47,000	47,000
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	501,509	501,509
	OTHER PROCUREMENT, AIR FORCE		
	PASSENGER CARRYING VEHICLES		
001	PASSENGER CARRYING VEHICLES	3,855	8,377
	Realign European Reassurance Initiative to Base		[-1,350]
	Unfunded requirement		[5,872]
	CARGO AND UTILITY VEHICLES		
002	MEDIUM TACTICAL VEHICLE		13,300
	Unfunded requirement		[13,300]
004	CARGO AND UTILITY VEHICLES	1,882	100,678
	Unfunded requirement		[98,796]
	SPECIAL PURPOSE VEHICLES		
005	SECURITY AND TACTICAL VEHICLES	1,100	11,064
	Unfunded requirement		[9,964]
006	SPECIAL PURPOSE VEHICLES	32,479	11,265
	Realign European Reassurance Initiative to Base		[-31,821]
	Unfunded requirement		[10,607]
	FIRE FIGHTING EQUIPMENT		
007	FIRE FIGHTING/CRASH RESCUE VEHICLES	22,583	0
	Realign European Reassurance Initiative to Base		[-22,583]
	MATERIALS HANDLING EQUIPMENT		
008	MATERIALS HANDLING VEHICLES	5,353	80,384
	Realign European Reassurance Initiative to Base		[-4,026]
	Unfunded requirement		[79,057]
	BASE MAINTENANCE SUPPORT		
009	RUNWAY SNOW REMOV & CLEANING EQUIP	11,315	10,275
	Realign European Reassurance Initiative to Base		[-9,161]
	Unfunded requirement		[8,121]
010	BASE MAINTENANCE SUPPORT VEHICLES	40,451	13,989
	Realign European Reassurance Initiative to Base		[-39,692]
	Unfunded requirement		[13,230]
	INTELLIGENCE PROGRAMS		
013	INTERNATIONAL INTEL TECH & ARCHITECTURES	8,873	8,873
015	INTELLIGENCE COMM EQUIPMENT	2,000	2,000
	ELECTRONICS PROGRAMS		
016	AIR TRAFFIC CONTROL & LANDING SYS	56,500	95,200
	Unfunded requirement—deployable RAPCON systems		[16,500]
	Unfunded requirement—digital air traffic control radios		[6,000]
	Unfunded requirement—D-ILS		[16,200]
018	BATTLE CONTROL SYSTEM—FIXED		1,400
	Unfunded requirement		[1,400]
019	THEATER AIR CONTROL SYS IMPROVEMENTS	4,970	4,970
	SPCL COMM-ELECTRONICS PROJECTS		
029	AIR FORCE PHYSICAL SECURITY SYSTEM	3,000	37,500
	Unfunded requirement—Intrusion Detection Systems		[18,000]
	Unfunded requirement—PI2 BPSS systems		[16,500]
	ORGANIZATION AND BASE		
048	BASE COMM INFRASTRUCTURE	55,000	0
	Realign European Reassurance Initiative to Base		[-55,000]
	PERSONAL SAFETY & RESCUE EQUIP		
051	ITEMS LESS THAN \$5 MILLION	8,469	71,869
	Unfunded requirement—battlefield airman combat equipment		[59,400]
	Unfunded requirements		[4,000]
	BASE SUPPORT EQUIPMENT		
053	BASE PROCURED EQUIPMENT	7,500	0
	Realign European Reassurance Initiative to Base		[-7,500]
054	ENGINEERING AND EOD EQUIPMENT	80,427	112,977
	Unfunded requirement		[32,550]
055	MOBILITY EQUIPMENT		37,000
	Unfunded requirement—Basic Expeditionary Airfield Resources		[37,000]
056	ITEMS LESS THAN \$5 MILLION	110,405	6,390
	Realign European Reassurance Initiative to Base		[-104,015]
	SPECIAL SUPPORT PROJECTS		
058	DARP RC135	700	700
059	DCGS-AF	9,200	100,400
	Unfunded requirement		[91,200]
	CLASSIFIED PROGRAMS		
062A	CLASSIFIED PROGRAMS	3,542,825	3,542,825
	TOTAL OTHER PROCUREMENT, AIR FORCE	4,008,887	4,271,436
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, DISA		
008	TELEPORT PROGRAM	1,979	1,979
018	DEFENSE INFORMATION SYSTEMS NETWORK	12,000	12,000
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY		

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
034	IRON DOME		50,000
	Additional funds for Iron Dome Tamir interceptors		[50,000]
	CLASSIFIED PROGRAMS		
045A	CLASSIFIED PROGRAMS	43,653	43,653
	AVIATION PROGRAMS		
046	MANNED ISR	15,900	15,900
047	MC-12	20,000	20,000
050	UNMANNED ISR	38,933	38,933
051	NON-STANDARD AVIATION	9,600	9,600
052	U-28	8,100	8,100
053	MH-47 CHINOOK	10,270	10,270
057	MQ-9 UNMANNED AERIAL VEHICLE	19,780	19,780
061	C-130 MODIFICATIONS	3,750	3,750
	AMMUNITION PROGRAMS		
063	ORDNANCE ITEMS <\$5M	62,643	62,643
	OTHER PROCUREMENT PROGRAMS		
064	INTELLIGENCE SYSTEMS	12,000	12,000
069	TACTICAL VEHICLES	38,527	38,527
070	WARRIOR SYSTEMS <\$5M	20,215	20,215
073	OPERATIONAL ENHANCEMENTS INTELLIGENCE	7,134	7,134
075	OPERATIONAL ENHANCEMENTS	193,542	211,067
	Unfunded requirement- Joint Task Force Platform Expansion		[15,900]
	Unfunded requirement- Publicly Available Information (PAI) Capability Acceleration		[1,625]
	TOTAL PROCUREMENT, DEFENSE-WIDE	518,026	585,551
	NATIONAL GUARD AND RESERVE EQUIPMENT UNDISTRIBUTED		
007	UNDISTRIBUTED		500,000
	Program increase		[500,000]
	TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT		500,000
	TOTAL PROCUREMENT	10,244,626	11,915,900

1 SEC. 4103. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS.

2

SEC. 4103. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
	SHIPBUILDING AND CONVERSION, NAVY		
	OTHER WARSHIPS		
003	ADVANCE PROCUREMENT (CY)		200,000
	CVN 81 AP		[200,000]
009	DDG-51		1,896,800
	DDG		[1,862,800]
	Ship Signal Exploitation Equipment		[34,000]
010	ADVANCE PROCUREMENT (CY)		45,000
	DDG AP		[45,000]
011	LITTORAL COMBAT SHIP		1,033,000
	LCS		[1,033,000]
	AMPHIBIOUS SHIPS		
012A	AMPHIBIOUS SHIP REPLACEMENT LX(R) ADVANCE PROCUREMENT (CY)		100,000
	Program increase		[100,000]
013	LPD-17		1,786,000
	LPD-30		[1,786,000]
014	EXPEDITIONARY SEA BASE (ESB)		635,000
	ESB		[635,000]
	AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST		
025	SHIP TO SHORE CONNECTOR		312,000
	SSC		[312,000]
026	SERVICE CRAFT		39,000
	Berthing Barge		[39,000]
	TOTAL SHIPBUILDING AND CONVERSION, NAVY		6,046,800
	TOTAL PROCUREMENT		6,046,800

1 **TITLE XLII—RESEARCH, DEVEL-**
 2 **OPMENT, TEST, AND EVALUA-**
 3 **TION**

4 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
 5 **TION.**

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2018 Request	House Authorized
RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY				
BASIC RESEARCH				
001	0601101A	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	12,010	12,010
002	0601102A	DEFENSE RESEARCH SCIENCES	263,590	263,590
003	0601103A	UNIVERSITY RESEARCH INITIATIVES	67,027	67,027
004	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	87,395	87,395
		SUBTOTAL BASIC RESEARCH	430,022	430,022
APPLIED RESEARCH				
005	0602105A	MATERIALS TECHNOLOGY	29,640	29,640
006	0602120A	SENSORS AND ELECTRONIC SURVIVABILITY	35,730	35,730
007	0602122A	TRACTOR HIP	8,627	8,627
008	0602211A	AVIATION TECHNOLOGY	66,086	66,086
009	0602270A	ELECTRONIC WARFARE TECHNOLOGY	27,144	27,144
010	0602303A	MISSILE TECHNOLOGY	43,742	43,742
011	0602307A	ADVANCED WEAPONS TECHNOLOGY	22,785	22,785
012	0602308A	ADVANCED CONCEPTS AND SIMULATION	28,650	28,650
013	0602601A	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	67,232	67,232
014	0602618A	BALLISTICS TECHNOLOGY	85,309	85,309
015	0602622A	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY.	4,004	4,004
016	0602623A	JOINT SERVICE SMALL ARMS PROGRAM	5,615	5,615
017	0602624A	WEAPONS AND MUNITIONS TECHNOLOGY	41,455	41,455
018	0602705A	ELECTRONICS AND ELECTRONIC DEVICES	58,352	58,352
019	0602709A	NIGHT VISION TECHNOLOGY	34,723	34,723
020	0602712A	COUNTERMINE SYSTEMS	26,190	26,190
021	0602716A	HUMAN FACTORS ENGINEERING TECHNOLOGY	24,127	24,127
022	0602720A	ENVIRONMENTAL QUALITY TECHNOLOGY	21,678	21,678
023	0602782A	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	33,123	33,123
024	0602783A	COMPUTER AND SOFTWARE TECHNOLOGY	14,041	14,041
025	0602784A	MILITARY ENGINEERING TECHNOLOGY	67,720	67,720
026	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	20,216	20,216
027	0602786A	WARFIGHTER TECHNOLOGY	39,559	44,559
		Program increase		[5,000]
028	0602787A	MEDICAL TECHNOLOGY	83,434	83,434
		SUBTOTAL APPLIED RESEARCH	889,182	894,182
ADVANCED TECHNOLOGY DEVELOPMENT				
029	0603001A	WARFIGHTER ADVANCED TECHNOLOGY	44,863	44,863
030	0603002A	MEDICAL ADVANCED TECHNOLOGY	67,780	67,780
031	0603003A	AVIATION ADVANCED TECHNOLOGY	160,746	160,746
032	0603004A	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	84,079	84,079
033	0603005A	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY.	125,537	125,537
034	0603006A	SPACE APPLICATION ADVANCED TECHNOLOGY	12,231	12,231
035	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY.	6,466	6,466
036	0603009A	TRACTOR HIKE	28,552	28,552
037	0603015A	NEXT GENERATION TRAINING & SIMULATION SYSTEMS	16,434	16,434
039	0603125A	COMBATING TERRORISM—TECHNOLOGY DEVELOPMENT	26,903	26,903
040	0603130A	TRACTOR NAIL	4,880	4,880
041	0603131A	TRACTOR EGGS	4,326	4,326
042	0603270A	ELECTRONIC WARFARE TECHNOLOGY	31,296	31,296
043	0603313A	MISSILE AND ROCKET ADVANCED TECHNOLOGY	62,850	72,850
		Simulation upgrades for land based anti-ship missile development		[10,000]
044	0603322A	TRACTOR CAGE	12,323	12,323
045	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM.	182,331	182,331
046	0603606A	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY.	17,948	17,948
047	0603607A	JOINT SERVICE SMALL ARMS PROGRAM	5,796	5,796
048	0603710A	NIGHT VISION ADVANCED TECHNOLOGY	47,135	47,135

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049	0603728A	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS.	10,421	10,421
050	0603734A	MILITARY ENGINEERING ADVANCED TECHNOLOGY	32,448	32,448
051	0603772A	ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY.	52,206	52,206
052	0603794A	C3 ADVANCED TECHNOLOGY	33,426	33,426
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	1,070,977	1,080,977
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
053	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	9,634	9,634
055	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	33,949	48,949
		Realign European Reassurance Initiative to Base		[15,000]
056	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV	72,909	72,909
057	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV.	7,135	7,135
058	0603639A	TANK AND MEDIUM CALIBER AMMUNITION	41,452	43,902
		Unfunded requirement—RF countermeasures		[2,450]
059	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV	32,739	54,739
		Unfunded requirement		[22,000]
060	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	10,157	10,157
061	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV	27,733	29,353
		Unfunded requirement		[1,620]
062	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	12,347	12,347
063	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VVAL	10,456	10,456
064	0603790A	NATO RESEARCH AND DEVELOPMENT	2,588	2,588
065	0603801A	AVIATION—ADV DEV	14,055	14,055
066	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	35,333	35,333
067	0603807A	MEDICAL SYSTEMS—ADV DEV	33,491	33,491
068	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT	20,239	45,239
		Enhanced lightweight body armor and combat helmets technology		[25,000]
069	0604017A	ROBOTICS DEVELOPMENT	39,608	39,608
070	0604100A	ANALYSIS OF ALTERNATIVES	9,921	9,921
071	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR	76,728	76,728
072	0604115A	TECHNOLOGY MATURATION INITIATIVES	115,221	100,221
		Program Reduction		[-15,000]
073	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD)	20,000	20,000
074	0604118A	TRACTOR BEAM	10,400	10,400
075	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	164,967	164,967
076	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING.	1,600	1,600
077	0604319A	INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2—INTERCEPT (IFPC2).	11,303	11,303
078	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	56,492	56,492
079	1206308A	ARMY SPACE SYSTEMS INTEGRATION	20,432	20,432
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	890,889	941,959
		SYSTEM DEVELOPMENT & DEMONSTRATION		
080	0604201A	AIRCRAFT AVIONICS	30,153	30,153
081	0604270A	ELECTRONIC WARFARE DEVELOPMENT	71,671	71,671
083	0604290A	MID-TIER NETWORKING VEHICULAR RADIO (MNVr)	10,589	10,589
084	0604321A	ALL SOURCE ANALYSIS SYSTEM	4,774	4,774
085	0604328A	TRACTOR CAGE	17,252	17,252
086	0604601A	INFANTRY SUPPORT WEAPONS	87,643	89,243
		Program increase—soldier enhancement program		[3,000]
		Program reduction- obligation delays		[-5,000]
		Unfunded requirement—air soldier system		[3,600]
087	0604604A	MEDIUM TACTICAL VEHICLES	6,039	6,039
088	0604611A	JAVELIN	21,095	21,095
089	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES	10,507	10,507
090	0604633A	AIR TRAFFIC CONTROL	3,536	3,536
092	0604642A	LIGHT TACTICAL WHEELED VEHICLES	7,000	7,000
093	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV	36,242	36,242
094	0604710A	NIGHT VISION SYSTEMS—ENG DEV	108,504	126,004
		Unfunded requirement		[17,500]
095	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	3,702	3,702
096	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV	43,575	43,575
097	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	28,726	28,726
098	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	18,562	18,562
099	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	8,344	8,344
100	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV.	11,270	11,270
101	0604768A	BRILLIANT ANTI-ARMOR SUBMUNITION (BAT)	10,000	10,000
102	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE	18,566	18,566
103	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	145,360	145,360

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104	0604802A	WEAPONS AND MUNITIONS—ENG DEV	145,232	157,410
		Unfunded requirement		[8,000]
		Unfunded requirement—40mm low velocity M320 cartridge		[4,178]
105	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	90,965	92,965
		Next generation vehicle camouflage technology		[2,000]
106	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV.	9,910	9,910
107	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.	39,238	39,238
108	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV	34,684	34,684
109	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.	164,409	188,409
		Unfunded requirement		[5,000]
		Unfunded requirement—Assured Communications		[19,000]
110	0604820A	RADAR DEVELOPMENT	32,968	32,968
111	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	49,554	49,554
112	0604823A	FIREFINDER	45,605	45,605
113	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL	16,127	23,127
		Program increase- soldier power development initiatives		[7,000]
114	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD	98,600	133,600
		Unfunded requirements		[35,000]
115	0604854A	ARTILLERY SYSTEMS—EMD	1,972	3,972
		Unfunded requirement—IT3 demonstrator		[2,000]
116	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT	81,776	81,776
117	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A)	172,361	172,361
118	0605028A	ARMORED MULTI-PURPOSE VEHICLE (AMPV)	199,778	199,778
119	0605029A	INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C).	4,418	4,418
120	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC)	15,877	15,877
121	0605031A	JOINT TACTICAL NETWORK (JTN)	44,150	44,150
122	0605032A	TRACTOR TIRE	34,670	113,570
		Unfunded requirement		[78,900]
123	0605033A	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EXPEDITIONARY (GBOSS-E).	5,207	5,207
124	0605034A	TACTICAL SECURITY SYSTEM (TSS)	4,727	4,727
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRC)	105,778	105,778
126	0605036A	COMBATING WEAPONS OF MASS DESTRUCTION (CWMD)	6,927	6,927
127	0605037A	EVIDENCE COLLECTION AND DETAINEE PROCESSING	214	214
128	0605038A	NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE (NBCRV) SENSOR SUITE.	16,125	16,125
129	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT	55,165	55,165
130	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	20,076	20,076
131	0605047A	CONTRACT WRITING SYSTEM	20,322	20,322
132	0605049A	MISSILE WARNING SYSTEM MODERNIZATION (MWSM)	55,810	55,810
133	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	30,879	30,879
134	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1	175,069	175,069
135	0605053A	GROUND ROBOTICS	70,760	70,760
137	0605380A	AMF JOINT TACTICAL RADIO SYSTEM (JTRS)	8,965	8,965
138	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM)	34,626	34,626
140	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)	336,420	252,320
		Program Reduction		[-84,100]
143	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP)	6,882	9,382
		Unfunded requirement		[2,500]
144	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	23,467	23,467
145	0605830A	AVIATION GROUND SUPPORT EQUIPMENT	6,930	6,930
146	0210609A	PALADIN INTEGRATED MANAGEMENT (PIM)	6,112	6,112
147	0303032A	TROJAN—RH12	4,431	4,431
150	0304270A	ELECTRONIC WARFARE DEVELOPMENT	14,616	14,616
151	1205117A	TRACTOR BEARS	17,928	17,928
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	3,012,840	3,111,418
		RDT&E MANAGEMENT SUPPORT		
152	0604256A	THREAT SIMULATOR DEVELOPMENT	22,862	22,862
153	0604258A	TARGET SYSTEMS DEVELOPMENT	13,902	13,902
154	0604759A	MAJOR T&E INVESTMENT	102,901	102,901
155	0605103A	RAND ARROYO CENTER	20,140	20,140
156	0605301A	ARMY KWAJALEIN ATOLL	246,663	246,663
157	0605326A	CONCEPTS EXPERIMENTATION PROGRAM	29,820	29,820
159	0605601A	ARMY TEST RANGES AND FACILITIES	307,588	307,588
160	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	49,242	49,242
161	0605604A	SURVIVABILITY/LETHALITY ANALYSIS	41,843	41,843
162	0605606A	AIRCRAFT CERTIFICATION	4,804	4,804
163	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	7,238	7,238
164	0605706A	MATERIEL SYSTEMS ANALYSIS	21,890	21,890
165	0605709A	EXPLOITATION OF FOREIGN ITEMS	12,684	12,684
166	0605712A	SUPPORT OF OPERATIONAL TESTING	51,040	51,040

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167	0605716A	ARMY EVALUATION CENTER	56,246	56,246
168	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG ...	1,829	1,829
169	0605801A	PROGRAMWIDE ACTIVITIES	55,060	55,060
170	0605803A	TECHNICAL INFORMATION ACTIVITIES	33,934	33,934
171	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY.	43,444	43,444
172	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	5,087	5,087
173	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D - MHA	54,679	54,679
174	0606001A	MILITARY GROUND-BASED CREW TECHNOLOGY	7,916	7,916
175	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE	61,254	61,254
176	0303260A	DEFENSE MILITARY DECEPTION INITIATIVE	1,779	1,779
		SUBTOTAL RDT&E MANAGEMENT SUPPORT	1,253,845	1,253,845
		OPERATIONAL SYSTEMS DEVELOPMENT		
178	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM	8,929	8,929
179	0603813A	TRACTOR PULL	4,014	4,014
180	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT	4,094	4,094
181	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.	15,738	15,738
182	0607133A	TRACTOR SMOKE	4,513	4,513
183	0607134A	LONG RANGE PRECISION FIRES (LRPF)	102,014	102,014
184	0607135A	APACHE PRODUCT IMPROVEMENT PROGRAM	59,977	59,977
185	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM	34,416	43,716
		Unfunded requirement—UH-60V development		[9,300]
186	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM	194,567	194,567
187	0607138A	FIXED WING PRODUCT IMPROVEMENT PROGRAM	9,981	9,981
188	0607139A	IMPROVED TURBINE ENGINE PROGRAM	204,304	204,304
189	0607140A	EMERGING TECHNOLOGIES FROM NIE	1,023	1,023
190	0607141A	LOGISTICS AUTOMATION	1,504	1,504
191	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.	10,064	10,064
192	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	38,463	38,463
193	0607665A	FAMILY OF BIOMETRICS	6,159	6,159
194	0607863A	PATRIOT PRODUCT IMPROVEMENT	90,217	90,217
195	0202429A	AEROSTAT JOINT PROJECT—COCOM EXERCISE	6,749	6,749
196	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOC).	33,520	33,520
197	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS	343,175	351,175
		Unfunded requirement—M88A2E1		[8,000]
198	0203740A	MANEUVER CONTROL SYSTEM	6,639	6,639
199	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS	40,784	40,784
200	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.	39,358	39,358
201	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	145	145
202	0203758A	DIGITIZATION	4,803	4,803
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	2,723	17,723
		Realign European Reassurance Initiative to Base		[15,000]
204	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	5,000	5,000
205	0203808A	TRACTOR CARD	37,883	37,883
206	0205402A	INTEGRATED BASE DEFENSE—OPERATIONAL SYSTEM DEV		4,500
		Unfunded requirement—modal passive detection system		[4,500]
207	0205410A	MATERIALS HANDLING EQUIPMENT	1,582	1,582
208	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.	195	195
209	0205456A	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM ...	78,926	78,926
210	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS)	102,807	102,807
213	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES	13,807	13,807
214	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM	132,438	132,438
215	0303141A	GLOBAL COMBAT SUPPORT SYSTEM	64,370	64,370
217	0303150A	WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	10,475	10,475
220	0305172A	COMBINED ADVANCED APPLICATIONS	1,100	1,100
222	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	9,433	16,925
		Realign European Reassurance Initiative to Base		[7,492]
223	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	5,080	20,080
		Realign European Reassurance Initiative to Base		[15,000]
224	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	24,700	24,700
225	0305219A	MQ-1C GRAY EAGLE UAS	9,574	9,574
226	0305232A	RQ-11 UAV	2,191	2,191
227	0305233A	RQ-7 UAV	12,773	12,773
228	0307663A	BIOMETRICS ENABLED INTELLIGENCE	2,537	2,537
229	0310349A	WIN-T INCREMENT 2—INITIAL NETWORKING	4,723	4,723
230	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	60,877	65,877
		Development of improved manufacturing technology for separation, extraction, smelter, sintering, leaching, processing, beneficiation, or production of specialty metals such as lanthanide elements, yttrium or scandium.		[5,000]
231	1203142A	SATCOM GROUND ENVIRONMENT (SPACE)	11,959	11,959
232	1208053A	JOINT TACTICAL GROUND SYSTEM	10,228	10,228

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232A	9999999999	CLASSIFIED PROGRAMS	7,154	7,154
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	1,877,685	1,941,977
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.	9,425,440	9,654,380
		RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY		
		BASIC RESEARCH		
001	0601103N	UNIVERSITY RESEARCH INITIATIVES	118,130	138,130
		Defense University Research Instrumentation Program		[20,000]
002	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	19,438	19,438
003	0601153N	DEFENSE RESEARCH SCIENCES	458,333	458,333
		SUBTOTAL BASIC RESEARCH	595,901	615,901
		APPLIED RESEARCH		
004	0602114N	POWER PROJECTION APPLIED RESEARCH	13,553	13,553
005	0602123N	FORCE PROTECTION APPLIED RESEARCH	125,557	125,557
006	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY	53,936	53,936
007	0602235N	COMMON PICTURE APPLIED RESEARCH	36,450	36,450
008	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	48,649	48,649
009	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	79,598	79,598
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	42,411	42,411
011	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	6,425	6,425
012	0602747N	UNDERSEA WARFARE APPLIED RESEARCH	56,094	56,094
013	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	156,805	156,805
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	32,733	32,733
015	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH.	171,146	171,146
016	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.	62,722	62,722
		SUBTOTAL APPLIED RESEARCH	886,079	886,079
		ADVANCED TECHNOLOGY DEVELOPMENT		
019	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY	26,342	26,342
020	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	9,360	9,360
021	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	154,407	154,407
022	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT.	13,448	13,448
023	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.	231,772	231,772
024	0603680N	MANUFACTURING TECHNOLOGY PROGRAM	57,797	67,797
		Program increase for manufacturing capability industrial partnerships for undersea vehicles.		[10,000]
025	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,878	4,878
027	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS.	64,889	64,889
028	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.	15,164	15,164
029	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	108,285	132,285
		Program increase for railgun tactical demonstrator		[24,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	686,342	720,342
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
030	0603207N	AIR/OCEAN TACTICAL APPLICATIONS	48,365	48,365
031	0603216N	AVIATION SURVIVABILITY	5,566	5,566
033	0603251N	AIRCRAFT SYSTEMS	695	695
034	0603254N	ASW SYSTEMS DEVELOPMENT	7,661	7,661
035	0603261N	TACTICAL AIRBORNE RECONNAISSANCE	3,707	3,707
036	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY	61,381	61,381
037	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES.	154,117	177,117
		LDUVV		[23,000]
038	0603506N	SURFACE SHIP TORPEDO DEFENSE	14,974	14,974
039	0603512N	CARRIER SYSTEMS DEVELOPMENT	9,296	9,296
040	0603525N	PILOT FISH	132,083	132,083
041	0603527N	RETRACT LARCH	15,407	15,407
042	0603536N	RETRACT JUNIPER	122,413	122,413
043	0603542N	RADIOLOGICAL CONTROL	745	745
044	0603553N	SURFACE ASW	1,136	1,136
045	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	100,955	100,955
046	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS	13,834	13,834
047	0603563N	SHIP CONCEPT ADVANCED DESIGN	36,891	36,891
048	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	12,012	12,012
049	0603570N	ADVANCED NUCLEAR POWER SYSTEMS	329,500	329,500

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050	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS	29,953	29,953
051	0603576N	CHALK EAGLE	191,610	191,610
052	0603581N	LITTORAL COMBAT SHIP (LCS)	40,991	40,991
053	0603582N	COMBAT SYSTEM INTEGRATION	24,674	24,674
054	0603595N	OHIO REPLACEMENT	776,158	776,158
055	0603596N	LCS MISSION MODULES	116,871	116,871
056	0603597N	AUTOMATED TEST AND ANALYSIS	8,052	8,052
057	0603599N	FRIGATE DEVELOPMENT	143,450	143,450
058	0603609N	CONVENTIONAL MUNITIONS	8,909	8,909
060	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	1,428	1,428
061	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	53,367	53,367
063	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	8,212	8,212
064	0603721N	ENVIRONMENTAL PROTECTION	20,214	20,214
065	0603724N	NAVY ENERGY PROGRAM	50,623	50,623
066	0603725N	FACILITIES IMPROVEMENT	2,837	2,837
067	0603734N	CHALK CORAL	245,143	245,143
068	0603739N	NAVY LOGISTIC PRODUCTIVITY	2,995	2,995
069	0603746N	RETRACT MAPLE	306,101	306,101
070	0603748N	LINK PLUMERIA	253,675	253,675
071	0603751N	RETRACT ELM	55,691	55,691
072	0603764N	LINK EVERGREEN	48,982	48,982
074	0603790N	NATO RESEARCH AND DEVELOPMENT	9,099	9,099
075	0603795N	LAND ATTACK TECHNOLOGY	33,568	33,568
076	0603851M	JOINT NON-LETHAL WEAPONS TESTING	29,873	29,873
077	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS— DEMVAL	106,391	106,391
078	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	107,310	133,310
		Program increase for railgun tactical demonstrator		[26,000]
079	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80)	83,935	83,935
081	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTER- MEASURES (TADIRCM)	46,844	46,844
083	0604286M	MARINE CORPS ADDITIVE MANUFACTURING TECHNOLOGY DEVELOPMENT	6,200	6,200
085	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE	7,055	7,055
086	0604454N	LX (R)	9,578	9,578
087	0604536N	ADVANCED UNDERSEA PROTOTYPING	66,543	76,543
		XLUVV		[10,000]
089	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	31,315	31,315
090	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ ENGINEERING SUPPORT	42,851	42,851
091	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOP- MENT	160,694	160,694
093	0303354N	ASW SYSTEMS DEVELOPMENT—MIP	8,278	8,278
094	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	7,979	7,979
095	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP	527	527
		SUBTOTAL ADVANCED COMPONENT DEVELOP- MENT & PROTOTYPES.	4,218,714	4,277,714
		SYSTEM DEVELOPMENT & DEMONSTRATION		
096	0603208N	TRAINING SYSTEM AIRCRAFT	16,945	16,945
097	0604212N	OTHER HELO DEVELOPMENT	26,786	26,786
098	0604214N	AV-8B AIRCRAFT—ENG DEV	48,780	48,780
099	0604215N	STANDARDS DEVELOPMENT	2,722	2,722
100	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	5,371	5,371
101	0604218N	AIR/OCEAN EQUIPMENT ENGINEERING	782	782
102	0604221N	P-3 MODERNIZATION PROGRAM	1,361	1,361
103	0604230N	WARFARE SUPPORT SYSTEM	14,167	14,167
104	0604231N	TACTICAL COMMAND SYSTEM	55,695	55,695
105	0604234N	ADVANCED HAWKEYE	292,535	292,535
106	0604245N	H-1 UPGRADES	61,288	61,288
107	0604261N	ACOUSTIC SEARCH SENSORS	37,167	37,167
108	0604262N	V-22A	171,386	186,386
		Unfunded requirement		[15,000]
109	0604264N	AIR CREW SYSTEMS DEVELOPMENT	13,235	23,235
		Air Crew Sensor Improvements		[10,000]
110	0604269N	EA-18	173,488	173,488
111	0604270N	ELECTRONIC WARFARE DEVELOPMENT	54,055	83,055
		Unfunded requirement—EWSA		[5,500]
		Unfunded requirement—Intrepid Tiger II (V)3 UH-1Y jettison capability		[3,000]
		Unfunded requirements—range improvements and upgrades		[20,500]
112	0604273N	EXECUTIVE HELO DEVELOPMENT	451,938	451,938
113	0604274N	NEXT GENERATION JAMMER (NGJ)	632,936	624,136
		Unjustified cost growth		[-8,800]
114	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY)	4,310	4,310
115	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II	66,686	66,686
116	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	390,238	390,238

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117	0604311N	LPD-17 CLASS SYSTEMS INTEGRATION	689	689
118	0604329N	SMALL DIAMETER BOMB (SDB)	112,846	112,846
119	0604366N	STANDARD MISSILE IMPROVEMENTS	158,578	158,578
120	0604373N	AIRBORNE MCM	15,734	15,734
122	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING.	25,445	25,445
124	0604501N	ADVANCED ABOVE WATER SENSORS	87,233	92,233
		SPY-1 Solid State Advancement		[5,000]
125	0604503N	SSN-688 AND TRIDENT MODERNIZATION	130,981	130,981
126	0604504N	AIR CONTROL	75,186	75,186
127	0604512N	SHIPBOARD AVIATION SYSTEMS	177,926	177,926
128	0604518N	COMBAT INFORMATION CENTER CONVERSION	8,062	8,062
129	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	32,090	32,090
130	0604558N	NEW DESIGN SSN	120,087	120,087
131	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM	50,850	50,850
132	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E	67,166	87,166
		CVN 80 DFA		[20,000]
133	0604574N	NAVY TACTICAL COMPUTER RESOURCES	4,817	4,817
134	0604580N	VIRGINIA PAYLOAD MODULE (VPM)	72,861	72,861
135	0604601N	MINE DEVELOPMENT	25,635	25,635
136	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT	28,076	28,076
137	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	7,561	7,561
138	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS.	40,828	40,828
139	0604727N	JOINT STANDOFF WEAPON SYSTEMS	435	435
140	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	161,713	161,713
141	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	212,412	243,412
		OTH Weapon Development		[31,000]
142	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	103,391	103,391
143	0604761N	INTELLIGENCE ENGINEERING	34,855	34,855
144	0604771N	MEDICAL DEVELOPMENT	9,353	9,353
145	0604777N	NAVIGATION/ID SYSTEM	92,546	101,546
		Program increase		[9,000]
146	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD	152,934	152,934
147	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD	108,931	108,931
148	0604810M	JOINT STRIKE FIGHTER FOLLOW ON MODERNIZATION (FOM)—MARINE CORPS.	144,958	144,958
149	0604810N	JOINT STRIKE FIGHTER FOLLOW ON MODERNIZATION (FOM)—NAVY.	143,855	143,855
150	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT	14,865	14,865
151	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT	152,977	152,977
152	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT	3,410	3,410
153	0605212N	CH-53K RDTE	340,758	340,758
154	0605215N	MISSION PLANNING	33,430	33,430
155	0605217N	COMMON AVIONICS	58,163	58,163
156	0605220N	SHIP TO SHORE CONNECTOR (SSC)	22,410	22,410
157	0605327N	T-AO 205 CLASS	1,961	1,961
158	0605414N	UNMANNED CARRIER AVIATION (UCA)	222,208	222,208
159	0605450N	JOINT AIR-TO-GROUND MISSILE (JAGM)	15,473	15,473
160	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA)	11,795	11,795
161	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III	181,731	181,731
162	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION.	178,993	178,993
163	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION.	20,710	20,710
164	0204202N	DDG-1000	140,500	140,500
168	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS	28,311	28,311
170	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	4,502	4,502
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	6,362,102	6,472,302
		MANAGEMENT SUPPORT		
171	0604256N	THREAT SIMULATOR DEVELOPMENT	91,819	91,819
172	0604258N	TARGET SYSTEMS DEVELOPMENT	23,053	23,053
173	0604759N	MAJOR T&E INVESTMENT	52,634	59,634
		Program increase		[7,000]
174	0605126N	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION.	141	141
175	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY	3,917	3,917
176	0605154N	CENTER FOR NAVAL ANALYSES	50,432	50,432
179	0605804N	TECHNICAL INFORMATION SERVICES	782	782
180	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	94,562	94,562
181	0605856N	STRATEGIC TECHNICAL SUPPORT	4,313	4,313
182	0605861N	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT	1,104	1,104
183	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT	105,666	105,666
184	0605864N	TEST AND EVALUATION SUPPORT	373,667	413,667
		Program increase		[40,000]
185	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY	20,298	20,298

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186	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	17,341	17,341
188	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT	21,751	21,751
189	0605898N	MANAGEMENT HQ—R&D	44,279	44,279
190	0606355N	WARFARE INNOVATION MANAGEMENT	28,841	28,841
191	0902498N	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES).	1,749	1,749
194	1206867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	9,408	9,408
		SUBTOTAL MANAGEMENT SUPPORT	945,757	992,757
OPERATIONAL SYSTEMS DEVELOPMENT				
196	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	92,571	103,571
		CEC IFF Mode 5 Acceleration		[11,000]
197	0607700N	DEPLOYABLE JOINT COMMAND AND CONTROL	3,137	3,137
198	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	135,219	135,219
199	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM	36,242	36,242
200	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	12,053	12,053
201	0101402N	NAVY STRATEGIC COMMUNICATIONS	18,221	18,221
203	0204136N	F/A-18 SQUADRONS	224,470	213,470
		Program reduction- delayed procurement rates		[-11,000]
204	0204163N	FLEET TELECOMMUNICATIONS (TACTICAL)	33,525	33,525
205	0204228N	SURFACE SUPPORT	24,829	24,829
206	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMP).	133,617	142,617
		Tomahawk Modernization		[9,000]
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM	38,972	50,572
		Realign European Reassurance Initiative to Base		[11,600]
208	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).	3,940	3,940
209	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	54,645	54,645
210	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	66,518	76,518
		Modernization of Barking Sands Tactical Underwater Range		[10,000]
211	0204574N	CRYPTOLOGIC DIRECT SUPPORT	1,155	1,155
212	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT	51,040	51,040
213	0205601N	HARM IMPROVEMENT	87,989	97,989
		Unfunded requirement—AARGM Derivative Program		[10,000]
214	0205604N	TACTICAL DATA LINKS	89,852	89,852
215	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION	29,351	29,351
216	0205632N	MK-48 ADCAP	68,553	68,553
217	0205633N	AVIATION IMPROVEMENTS	119,099	119,099
218	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS	127,445	127,445
219	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS	123,825	120,325
		Excess growth—tactical radio systems		[-3,500]
220	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S).	7,343	7,343
221	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS.	66,009	66,009
222	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT	25,258	25,258
223	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP).	30,886	30,886
224	0206629M	AMPHIBIOUS ASSAULT VEHICLE	58,728	58,728
225	0207161N	TACTICAL AIM MISSILES	42,884	51,884
		Unfunded requirement—AIM-9X Blk II Systems Improvement program.		[9,000]
226	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	25,364	25,364
232	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES).	24,271	24,271
233	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM	50,269	50,269
236	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES	6,352	6,352
237	0305204N	TACTICAL UNMANNED AERIAL VEHICLES	7,770	7,770
238	0305205N	UAS INTEGRATION AND INTEROPERABILITY	39,736	39,736
239	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	12,867	12,867
240	0305208N	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	46,150	46,150
241	0305220N	MQ-4C TRITON	84,115	84,115
242	0305231N	MQ-8 UAV	62,656	62,656
243	0305232M	RQ-11 UAV	2,022	2,022
245	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASLO)	4,835	4,835
246	0305239M	RQ-21A	8,899	8,899
247	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT	99,020	99,020
248	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)	18,578	11,478
		Program reduction		[-7,100]
249	0305421N	RQ-4 MODERNIZATION	229,404	229,404
250	0308601N	MODELING AND SIMULATION SUPPORT	5,238	5,238
251	0702207N	DEPOT MAINTENANCE (NON-IF)	38,227	38,227
252	0708730N	MARITIME TECHNOLOGY (MARITECH)	4,808	4,808
253	1203109N	SATELLITE COMMUNICATIONS (SPACE)	37,836	37,836
253A	999999999	CLASSIFIED PROGRAMS	1,364,347	1,364,347
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	3,980,140	4,019,140

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TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.			17,675,035	17,984,235
RESEARCH, DEVELOPMENT, TEST & EVAL, AF				
BASIC RESEARCH				
001	0601102F	DEFENSE RESEARCH SCIENCES	342,919	342,919
002	0601103F	UNIVERSITY RESEARCH INITIATIVES	147,923	147,923
003	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES	14,417	14,417
SUBTOTAL BASIC RESEARCH			505,259	505,259
APPLIED RESEARCH				
004	0602102F	MATERIALS	124,264	124,264
005	0602201F	AEROSPACE VEHICLE TECHNOLOGIES	124,678	129,678
		Program increase		[5,000]
006	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH	108,784	108,784
007	0602203F	AEROSPACE PROPULSION	192,695	197,695
		Educational Partnership Agreements		[5,000]
008	0602204F	AEROSPACE SENSORS	152,782	152,782
009	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEADQUARTERS ACTIVITIES.	8,353	8,353
010	0602601F	SPACE TECHNOLOGY	116,503	116,503
011	0602602F	CONVENTIONAL MUNITIONS	112,195	112,195
012	0602605F	DIRECTED ENERGY TECHNOLOGY	132,993	132,993
013	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS	167,818	167,818
014	0602890F	HIGH ENERGY LASER RESEARCH	43,049	43,049
SUBTOTAL APPLIED RESEARCH			1,284,114	1,294,114
ADVANCED TECHNOLOGY DEVELOPMENT				
015	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS	37,856	47,856
		Metals affordability research		[10,000]
016	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	22,811	22,811
017	0603203F	ADVANCED AEROSPACE SENSORS	40,978	40,978
018	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO	115,966	115,966
019	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY	104,499	109,499
		Program Increase for Robust Electrical Power System		[5,000]
020	0603270F	ELECTRONIC COMBAT TECHNOLOGY	60,551	60,551
021	0603401F	ADVANCED SPACECRAFT TECHNOLOGY	58,910	58,910
022	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	10,433	10,433
023	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT.	33,635	33,635
024	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY	167,415	167,415
025	0603605F	ADVANCED WEAPONS TECHNOLOGY	45,502	45,502
026	0603680F	MANUFACTURING TECHNOLOGY PROGRAM	46,450	46,450
027	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION.	49,011	49,011
SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.			794,017	809,017
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
028	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT	5,652	8,352
		Unfunded requirement—OSINT exploitation and fusion		[1,200]
		Unfunded requirement—SIGINT Tactical Analysis Reporting Gateway.		[1,500]
030	0603742F	COMBAT IDENTIFICATION TECHNOLOGY	24,397	24,397
031	0603790F	NATO RESEARCH AND DEVELOPMENT	3,851	3,851
033	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL	10,736	10,736
034	0603859F	POLLUTION PREVENTION—DEM/VAL	2	2
035	0604015F	LONG RANGE STRIKE—BOMBER	2,003,580	2,003,580
036	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT	65,458	65,458
037	0604257F	ADVANCED TECHNOLOGY AND SENSORS	68,719	94,919
		Unfunded requirement—ASARS-2B		[11,500]
		Unfunded requirement—Hyperspectral Chip Development		[14,700]
038	0604288F	NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP	7,850	7,850
039	0604317F	TECHNOLOGY TRANSFER	3,295	3,295
040	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.	17,365	17,365
041	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS	32,253	32,253
044	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	26,222	26,222
046	0604858F	TECH TRANSITION PROGRAM	840,650	935,650
		Program Increase		[10,000]
		Unfunded Requirement		[70,000]
		Unfunded requirement—Long-Endurance Aerial Platform (LEAP) Ahead Prototyping.		[15,000]
047	0605230F	GROUND BASED STRATEGIC DETERRENT	215,721	215,721
049	0207110F	NEXT GENERATION AIR DOMINANCE	294,746	421,746
		Unfunded Requirement		[127,000]

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050	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR)	10,645	10,645
052	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA)	41,509	41,509
053	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	226,287	226,287
054	0306415F	ENABLED CYBER ACTIVITIES	16,687	16,687
055	0408011F	SPECIAL TACTICS / COMBAT CONTROL	4,500	4,500
056	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	15,867	15,867
057	1203164F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIP- MENT) (SPACE). Demonstration of Backup and Complementary PNT Capabilities of GPS.	253,939	263,939 [10,000]
058	1203710F	EO/IR WEATHER SYSTEMS	10,000	10,000
059	1206422F	WEATHER SYSTEM FOLLOW-ON	112,088	112,088
060	1206425F	SPACE SITUATION AWARENESS SYSTEMS	34,764	34,764
061	1206434F	MIDTERM POLAR MILSATCOM SYSTEM	63,092	63,092
062	1206438F	SPACE CONTROL TECHNOLOGY	7,842	7,842
063	1206730F	SPACE SECURITY AND DEFENSE PROGRAM	41,385	41,385
064	1206760F	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)	18,150	18,150
065	1206761F	PROTECTED TACTICAL SERVICE (PTS)	24,201	24,201
066	1206855F	PROTECTED SATCOM SERVICES (PSCS)—AGGREGATED	16,000	16,000
067	1206857F	OPERATIONALLY RESPONSIVE SPACE	87,577	117,577
		Responsive Launch vehicles, infrastructure, and small sats		[30,000]
		SUBTOTAL ADVANCED COMPONENT DEVELOP- MENT & PROTOTYPES.	4,605,030	4,895,930
		SYSTEM DEVELOPMENT & DEMONSTRATION		
068	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	5,100	5,100
069	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT	101,203	101,203
070	0604222F	NUCLEAR WEAPONS SUPPORT	3,009	3,009
071	0604270F	ELECTRONIC WARFARE DEVELOPMENT	2,241	2,241
072	0604281F	TACTICAL DATA NETWORKS ENTERPRISE	38,250	38,250
073	0604287F	PHYSICAL SECURITY EQUIPMENT	19,739	19,739
074	0604329F	SMALL DIAMETER BOMB (SDB)—EMD	38,979	38,979
078	0604429F	AIRBORNE ELECTRONIC ATTACK	7,091	7,091
080	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT	46,540	46,540
081	0604604F	SUBMUNITIONS	2,705	2,705
082	0604617F	AGILE COMBAT SUPPORT	31,240	34,240
		Joint Expeditionary Airfield Damage Repair		[3,000]
084	0604706F	LIFE SUPPORT SYSTEMS	9,060	9,060
085	0604735F	COMBAT TRAINING RANGES	87,350	87,350
086	0604800F	F-35—EMD	292,947	292,947
088	0604932F	LONG RANGE STANDOFF WEAPON	451,290	451,290
089	0604933F	ICBM FUZE MODERNIZATION	178,991	178,991
090	0605030F	JOINT TACTICAL NETWORK CENTER (JTNC)	12,736	12,736
091	0605031F	JOINT TACTICAL NETWORK (JTN)	9,319	9,319
092	0605213F	F-22 MODERNIZATION INCREMENT 3.2B	13,600	13,600
094	0605221F	KC-46	93,845	0
		Under execution		[-93,845]
095	0605223F	ADVANCED PILOT TRAINING	105,999	105,999
096	0605229F	COMBAT RESCUE HELICOPTER	354,485	354,485
100	0605458F	AIR & SPACE OPS CENTER 10.2 RDT&E	119,745	49,745
		Program reduction		[-70,000]
101	0605931F	B-2 DEFENSIVE MANAGEMENT SYSTEM	194,570	194,570
102	0101125F	NUCLEAR WEAPONS MODERNIZATION	91,237	91,237
103	0207171F	F-15 EPAWSS	209,847	209,847
104	0207328F	STAND IN ATTACK WEAPON	3,400	3,400
105	0207701F	FULL COMBAT MISSION TRAINING	16,727	16,727
109	0307581F	JSTARS RECAP	417,201	417,201
110	0401310F	C-32 EXECUTIVE TRANSPORT RECAPITALIZATION	6,017	6,017
111	0401319F	PRESIDENTIAL AIRCRAFT RECAPITALIZATION (PAR)	434,069	434,069
112	0701212F	AUTOMATED TEST SYSTEMS	18,528	18,528
113	1203176F	COMBAT SURVIVOR EVADER LOCATOR	24,967	24,967
114	1203940F	SPACE SITUATION AWARENESS OPERATIONS	10,029	10,029
115	1206421F	COUNTERSPACE SYSTEMS	66,370	66,370
116	1206425F	SPACE SITUATION AWARENESS SYSTEMS	48,448	48,448
117	1206426F	SPACE FENCE	35,937	35,937
118	1206431F	ADVANCED EHF MILSATCOM (SPACE)	145,610	145,610
119	1206432F	POLAR MILSATCOM (SPACE)	33,644	33,644
120	1206433F	WIDEBAND GLOBAL SATCOM (SPACE)	14,263	14,263
121	1206441F	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD	311,844	311,844
122	1206442F	EVOLVED SBIRS	71,018	71,018
123	1206853F	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE) — EMD.	297,572	297,572
		SUBTOTAL SYSTEM DEVELOPMENT & DEM- ONSTRATION.	4,476,762	4,315,917
		MANAGEMENT SUPPORT		
124	0604256F	THREAT SIMULATOR DEVELOPMENT	35,405	35,405
125	0604759F	MAJOR T&E INVESTMENT	82,874	87,874

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		Unfunded requirement		[5,000]
126	0605101F	RAND PROJECT AIR FORCE	34,346	34,346
128	0605712F	INITIAL OPERATIONAL TEST & EVALUATION	15,523	15,523
129	0605807F	TEST AND EVALUATION SUPPORT	678,289	739,089
		Program Increase		[32,400]
		Testing, evaluation, and certification of additional suppliers for ar- resting gear systems for fighter aircraft.		[1,000]
		Unfunded requirement		[27,400]
130	0605826F	ACQ WORKFORCE- GLOBAL POWER	219,809	219,809
131	0605827F	ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS	223,179	223,179
132	0605828F	ACQ WORKFORCE- GLOBAL REACH	138,556	138,556
133	0605829F	ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS	221,393	221,393
134	0605830F	ACQ WORKFORCE- GLOBAL BATTLE MGMT	152,577	152,577
135	0605831F	ACQ WORKFORCE- CAPABILITY INTEGRATION	196,561	196,561
136	0605832F	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY	28,322	28,322
137	0605833F	ACQ WORKFORCE- NUCLEAR SYSTEMS	126,611	126,611
140	0605898F	MANAGEMENT HQ—R&D	9,154	9,154
141	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT.	135,507	135,507
142	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUP- PORT.	28,720	28,720
143	0606017F	REQUIREMENTS ANALYSIS AND MATURATION	35,453	110,453
		Unfunded requirement		[50,000]
		Unfunded requirement—Penetrating Counter air (PCA) Risk Re- duction.		[25,000]
146	0308602F	ENTEPRISE INFORMATION SERVICES (EIS)	29,049	29,049
147	0702806F	ACQUISITION AND MANAGEMENT SUPPORT	14,980	14,980
148	0804731F	GENERAL SKILL TRAINING	1,434	1,434
150	1001004F	INTERNATIONAL ACTIVITIES	4,569	4,569
151	1206116F	SPACE TEST AND TRAINING RANGE DEVELOPMENT	25,773	25,773
152	1206392F	SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE	169,887	169,887
153	1206398F	SPACE & MISSILE SYSTEMS CENTER—MHA	9,531	9,531
154	1206860F	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	20,975	20,975
155	1206864F	SPACE TEST PROGRAM (STP)	25,398	25,398
		SUBTOTAL MANAGEMENT SUPPORT	2,663,875	2,804,675
		OPERATIONAL SYSTEMS DEVELOPMENT		
157	0604222F	NUCLEAR WEAPONS SUPPORT	27,579	27,579
158	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	5,776	5,776
159	0604445F	WIDE AREA SURVEILLANCE	16,247	16,247
161	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS) ..	21,915	21,915
162	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	33,150	33,150
163	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	66,653	66,653
164	0605278F	HC/MC-130 RECAP RDT&E	38,579	38,579
165	0606018F	NC3 INTEGRATION	12,636	12,636
166	0101113F	B-52 SQUADRONS	111,910	111,910
167	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM)	463	463
168	0101126F	B-1B SQUADRONS	62,471	62,471
169	0101127F	B-2 SQUADRONS	193,108	193,108
170	0101213F	MINUTEMAN SQUADRONS	210,845	210,845
		Increase ICBM Cryptography Upgrade II		[20,000]
		Reduce MM Ground and Communications Equipment		[-10,000]
		Reduce MM Support Equipment		[-10,000]
171	0101313F	INTEGRATED STRATEGIC PLANNING AND ANALYSIS NET- WORK (ISPAN)—USSSTRATCOM.	25,736	25,736
173	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	6,272	70,272
		Enhances E-4B cyber security		[64,000]
174	0101324F	INTEGRATED STRATEGIC PLANNING & ANALYSIS NET- WORK.	11,032	11,032
176	0102110F	UH-1N REPLACEMENT PROGRAM	108,617	108,617
177	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MOD- ERNIZATION PROGRAM.	3,347	3,347
179	0205219F	MQ-9 UAV	201,394	201,394
182	0207131F	A-10 SQUADRONS	17,459	17,459
183	0207133F	F-16 SQUADRONS	246,578	271,578
		Unfunded requirement—MIDS-JTRS software changes		[25,000]
184	0207134F	F-15E SQUADRONS	320,271	320,271
185	0207136F	MANNED DESTRUCTIVE SUPPRESSION	15,106	35,106
		HTS pod block upgrade program		[20,000]
186	0207138F	F-22A SQUADRONS	610,942	610,942
187	0207142F	F-35 SQUADRONS	334,530	334,530
188	0207161F	TACTICAL AIM MISSILES	34,952	34,952
189	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	61,322	61,322
191	0207227F	COMBAT RESCUE—PARARESCUE	693	693
193	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT	1,714	1,714
194	0207253F	COMPASS CALL	14,040	14,040
195	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	109,243	109,243
197	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	29,932	29,932

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198	0207410F	AIR & SPACE OPERATIONS CENTER (AOC)	26,956	26,956
199	0207412F	CONTROL AND REPORTING CENTER (CRC)	2,450	2,450
200	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	151,726	151,726
201	0207418F	TACTICAL AIRBORNE CONTROL SYSTEMS	3,656	3,656
203	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	13,420	13,420
204	0207444F	TACTICAL AIR CONTROL PARTY-MOD	10,623	10,623
205	0207448F	C2ISR TACTICAL DATA LINK	1,754	1,754
206	0207452F	DCAPES	17,382	17,382
207	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS	2,307	2,307
208	0207590F	SEEK EAGLE	25,397	25,397
209	0207601F	USAF MODELING AND SIMULATION	10,175	10,175
210	0207605F	WARGAMING AND SIMULATION CENTERS	12,839	12,839
211	0207697F	DISTRIBUTED TRAINING AND EXERCISES	4,190	4,190
212	0208006F	MISSION PLANNING SYSTEMS	85,531	85,531
213	0208007F	TACTICAL DECEPTION	3,761	3,761
214	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS	35,693	35,693
215	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS	20,964	20,964
218	0301017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)	3,549	3,549
219	0301112F	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES)	4,371	4,371
227	0301401F	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS.	3,721	3,721
228	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) ...	35,467	35,467
230	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NET- WORK (MEECN).	48,841	48,841
231	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM	42,973	42,973
232	0303141F	GLOBAL COMBAT SUPPORT SYSTEM	105	105
233	0303142F	GLOBAL FORCE MANAGEMENT—DATA INITIATIVE	2,147	2,147
236	0304260F	AIRBORNE SIGINT ENTERPRISE	121,948	121,948
237	0304310F	COMMERCIAL ECONOMIC ANALYSIS	3,544	3,544
240	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY	1,542	1,542
241	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	4,453	4,453
243	0305111F	WEATHER SERVICE	26,654	31,654
		Commercial weather pilot program		[5,000]
244	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCALs).	6,306	7,806
		Unfunded requirement—ground based sense and avoid		[1,500]
245	0305116F	AERIAL TARGETS	21,295	21,295
248	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES	415	415
250	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	3,867	3,867
257	0305202F	DRAGON U-2	34,486	34,486
259	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS	4,450	17,250
		WAMI Technology Upgrades		[12,800]
260	0305207F	MANNED RECONNAISSANCE SYSTEMS	14,269	14,269
261	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	27,501	39,001
		Unfunded requirement		[11,500]
262	0305220F	RQ-4 UAV	214,849	214,849
263	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING	18,842	18,842
265	0305238F	NATO AGS	44,729	44,729
266	0305240F	SUPPORT TO DCGS ENTERPRISE	26,349	26,349
269	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND AR- CHITECTURES.	3,491	3,491
271	0305881F	RAPID CYBER ACQUISITION	4,899	4,899
275	0305984F	PERSONNEL RECOVERY COMMAND & CTRL (PRC2)	2,445	2,445
276	0307577F	INTELLIGENCE MISSION DATA (IMD)	8,684	8,684
278	0401115F	C-130 AIRLIFT SQUADRON	10,219	10,219
279	0401119F	C-5 AIRLIFT SQUADRONS (IF)	22,758	22,758
280	0401130F	C-17 AIRCRAFT (IF)	34,287	34,287
281	0401132F	C-130J PROGRAM	26,821	26,821
282	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)	5,283	5,283
283	0401218F	KC-135S	9,942	9,942
284	0401219F	KC-10S	7,933	7,933
285	0401314F	OPERATIONAL SUPPORT AIRLIFT	6,681	6,681
286	0401318F	CV-22	22,519	22,519
287	0401840F	AMC COMMAND AND CONTROL SYSTEM	3,510	3,510
288	0408011F	SPECIAL TACTICS / COMBAT CONTROL	8,090	8,090
289	0702207F	DEPOT MAINTENANCE (NON-IF)	1,528	1,528
290	0708055F	MAINTENANCE, REPAIR & OVERHAUL SYSTEM	31,677	31,677
291	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	33,344	33,344
292	0708611F	SUPPORT SYSTEMS DEVELOPMENT	9,362	9,362
293	0804743F	OTHER FLIGHT TRAINING	2,074	2,074
294	0808716F	OTHER PERSONNEL ACTIVITIES	107	107
295	0901202F	JOINT PERSONNEL RECOVERY AGENCY	2,006	2,006
296	0901218F	CIVILIAN COMPENSATION PROGRAM	3,780	3,780
297	0901220F	PERSONNEL ADMINISTRATION	7,472	7,472
298	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY	1,563	1,563
299	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVEL- OPMENT.	91,211	91,211
300	1201921F	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES	14,255	14,255

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301	1202247F	AF TENCAP	31,914	31,914
302	1203001F	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)	32,426	32,426
303	1203110F	SATELLITE CONTROL NETWORK (SPACE)	18,808	21,308
		Program increase		[2,500]
305	1203165F	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS)	10,029	10,029
306	1203173F	SPACE AND MISSILE TEST AND EVALUATION CENTER	25,051	25,051
307	1203174F	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT	11,390	11,390
308	1203179F	INTEGRATED BROADCAST SERVICE (IBS)	8,747	8,747
309	1203182F	SPACELIFT RANGE SYSTEM (SPACE)	10,549	10,549
310	1203265F	GPS III SPACE SEGMENT	243,435	243,435
311	1203400F	SPACE SUPERIORITY INTELLIGENCE	12,691	12,691
312	1203614F	JSPOC MISSION SYSTEM	99,455	99,455
313	1203620F	NATIONAL SPACE DEFENSE CENTER	18,052	18,052
314	1203699F	SHARED EARLY WARNING (SEW)	1,373	1,373
315	1203906F	NCMC—TWAA SYSTEM	5,000	5,000
316	1203913F	NUDET DETECTION SYSTEM (SPACE)	31,508	31,508
317	1203940F	SPACE SITUATION AWARENESS OPERATIONS	99,984	99,984
318	1206423F	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT	510,938	510,938
318A	9999999999	CLASSIFIED PROGRAMS	14,938,002	14,974,002
		Program increase		[36,000]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	20,585,302	20,763,602
		UNDISTRIBUTED		
319	0901560F	UNDISTRIBUTED		-195,900
		Bomber Modernization—Excess to Need		[-195,900]
		SUBTOTAL UNDISTRIBUTED		-195,900
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	34,914,359	35,192,614
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		BASIC RESEARCH		
001	0601000BR	DTRA BASIC RESEARCH	37,201	37,201
002	0601101E	DEFENSE RESEARCH SCIENCES	432,347	432,347
003	0601110D8Z	BASIC RESEARCH INITIATIVES	40,612	40,612
004	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE	43,126	43,126
005	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM	74,298	74,298
006	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS	25,865	35,865
		Program Increase		[10,000]
007	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	43,898	43,898
		SUBTOTAL BASIC RESEARCH	697,347	707,347
		APPLIED RESEARCH		
008	0602000D8Z	JOINT MUNITIONS TECHNOLOGY	19,111	19,111
009	0602115E	BIOMEDICAL TECHNOLOGY	109,360	109,360
011	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM	49,748	49,748
012	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES	49,226	49,226
013	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY	392,784	392,784
014	0602383E	BIOLOGICAL WARFARE DEFENSE	13,014	13,014
015	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	201,053	201,053
016	0602668D8Z	CYBER SECURITY RESEARCH	14,775	14,775
017	0602702E	TACTICAL TECHNOLOGY	343,776	343,776
018	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY	224,440	224,440
019	0602716E	ELECTRONICS TECHNOLOGY	295,447	295,447
020	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH	157,908	157,908
021	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH	8,955	8,955
022	1160401BB	SOF TECHNOLOGY DEVELOPMENT	34,493	34,493
		SUBTOTAL APPLIED RESEARCH	1,914,090	1,914,090
		ADVANCED TECHNOLOGY DEVELOPMENT		
023	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY	25,627	25,627
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	76,230	81,230
		Program increase—conventional EOD equipment		[5,000]
025	0603133D8Z	FOREIGN COMPARATIVE TESTING	24,199	24,199
026	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT	268,607	268,607
027	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT ...	12,996	12,996
029	0603178C	WEAPONS TECHNOLOGY	5,495	60,595
		Restore funding for directed energy prioritization in DoD's BMD efforts.		[55,100]

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031	0603180C	ADVANCED RESEARCH	20,184	20,184
032	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	18,662	18,662
035	0603286E	ADVANCED AEROSPACE SYSTEMS	155,406	155,406
036	0603287E	SPACE PROGRAMS AND TECHNOLOGY	247,435	247,435
037	0603288D8Z	ANALYTIC ASSESSMENTS	13,154	13,154
038	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	37,674	30,674
		Program decrease		[-7,000]
039	0603291D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA ..	15,000	15,000
040	0603294C	COMMON KILL VEHICLE TECHNOLOGY	252,879	252,879
041	0603342D8W	DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUX)	29,594	29,594
042	0603375D8Z	TECHNOLOGY INNOVATION	59,863	24,863
		Unjustified growth		[-35,000]
043	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	145,359	145,359
044	0603527D8Z	RETRACT LARCH	171,120	171,120
045	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY	14,389	14,389
046	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS	105,871	105,871
047	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES	12,661	12,661
048	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	136,159	136,159
049	0603680S	MANUFACTURING TECHNOLOGY PROGRAM	40,511	40,511
050	0603699D8Z	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT	57,876	49,876
		SOCOM ATL effort		[-8,000]
051	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	10,611	10,611
053	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	71,832	81,832
		Environmental resiliency		[10,000]
054	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	219,803	219,803
055	0603727D8Z	JOINT WARFIGHTING PROGRAM	6,349	6,349
056	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES	79,173	79,173
057	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	106,787	106,787
058	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY	439,386	439,386
059	0603767E	SENSOR TECHNOLOGY	210,123	210,123
060	0603769D8Z	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.	11,211	11,211
062	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE	15,047	15,047
063	0603826D8Z	QUICK REACTION SPECIAL PROJECTS	69,203	69,203
064	0603833D8Z	ENGINEERING SCIENCE & TECHNOLOGY	25,395	25,395
065	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY	89,586	89,586
066	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	38,403	38,403
067	0303310D8Z	CWMD SYSTEMS	33,382	33,382
068	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT	72,605	72,605
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	3,445,847	3,465,947
		ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES		
069	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	32,937	32,937
070	0603600D8Z	WALKOFF	101,714	101,714
072	0603821D8Z	ACQUISITION ENTERPRISE DATA & INFORMATION SERVICES.	2,198	2,198
073	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	54,583	54,583
074	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT.	230,162	230,162
075	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT.	828,097	850,093
		Improve Discrimination Capability for GMD		[21,996]
076	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEVAL.	148,518	148,518
077	0603884C	BALLISTIC MISSILE DEFENSE SENSORS	247,345	326,207
		Funding increase to accelerate development and deployment of interim and perm MD enhancements for HL.		[21,000]
		Improve Discrimination Capability for GMD		[57,862]
078	0603890C	BMD ENABLING PROGRAMS	449,442	478,884
		GMD Discrimination		[23,342]
		Improve High Fidelity Modeling and Simulation for GMD		[6,100]
079	0603891C	SPECIAL PROGRAMS—MDA	320,190	320,190
080	0603892C	AEGIS BMD	852,052	852,052
083	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI.	430,115	430,115
084	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT.	48,954	48,954
085	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	53,265	53,265
086	0603906C	REGARDING TRENCH	9,113	9,113
087	0603907C	SEA BASED X-BAND RADAR (SBX)	130,695	130,695

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Line	Program Element	Item	FY 2018 Request	House Authorized
088	0603913C	ISRAELI COOPERATIVE PROGRAMS	105,354	105,354
089	0603914C	BALLISTIC MISSILE DEFENSE TEST	305,791	305,791
090	0603915C	BALLISTIC MISSILE DEFENSE TARGETS	410,425	410,425
091	0603920D8Z	HUMANITARIAN DEMINING	10,837	10,837
092	0603923D8Z	COALITION WARFARE	10,740	10,740
093	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,837	3,837
094	0604115C	TECHNOLOGY MATURATION INITIATIVES	128,406	258,406
		Acceleration of kinetic and nonkinetic boost phase BMD		[100,000]
		Program increase		[30,000]
095	0604132D8Z	MISSILE DEFEAT PROJECT	98,369	98,369
096	0604181C	HYPERSONIC DEFENSE	75,300	75,300
097	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES	1,175,832	1,153,832
		Program decrease		[-22,000]
098	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS	83,626	83,626
099	0604331D8Z	RAPID PROTOTYPING PROGRAM	100,000	100,000
101	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	3,967	3,967
102	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA).	3,833	3,833
104	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	23,638	23,638
105	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR)	357,659	357,659
106	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS	465,530	545,530
		C3 Booster Development		[80,000]
107	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	36,239	36,239
108	0604878C	AEGIS BMD TEST	134,468	160,819
		To provide AAW at Aegis Ashore sites, consistent w/ FY16 and FY17 NDAAs.		[26,351]
109	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST	84,239	84,239
110	0604880C	LAND-BASED SM-3 (LBSM3)	30,486	97,761
		To provide AAW at Aegis Ashore sites, consistent w/ FY16 and FY17 NDAAs.		[67,275]
111	0604881C	AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT	9,739	9,739
112	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST	76,757	76,757
113	0604894C	MULTI-OBJECT KILL VEHICLE	6,500	6,500
114	0303191D8Z	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM	2,902	2,902
115	0305103C	CYBER SECURITY INITIATIVE	986	986
116	1206893C	SPACE TRACKING & SURVEILLANCE SYSTEM	34,907	34,907
117	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS ..	16,994	16,994
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.	7,736,741	8,148,667
		SYSTEM DEVELOPMENT AND DEMONSTRATION		
118	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	12,536	12,536
119	0604165D8Z	PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT	201,749	201,749
120	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD	406,789	406,789
122	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS).	15,358	15,358
123	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.	6,241	6,241
124	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT	12,322	12,322
125	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE	4,893	4,893
126	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM	3,162	3,162
127	0605027D8Z	OUS(D) IT DEVELOPMENT INITIATIVES	21,353	21,353
128	0605070S	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION.	6,266	6,266
129	0605075D8Z	DCMO POLICY AND INTEGRATION	2,810	2,810
130	0605080S	DEFENSE AGENCY INITIATIVES (DAD)—FINANCIAL SYSTEM	24,436	24,436
131	0605090S	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS)	13,475	13,475
133	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES.	11,870	11,870
134	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS	61,084	61,084
135	0303141K	GLOBAL COMBAT SUPPORT SYSTEM	2,576	2,576
136	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEM).	3,669	3,669
137	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	8,230	8,230
		SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION.	818,819	818,819
		MANAGEMENT SUPPORT		
138	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS)	6,941	6,941
139	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	4,851	4,851
140	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).	211,325	211,325
141	0604942D8Z	ASSESSMENTS AND EVALUATIONS	30,144	50,144

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Line	Program Element	Item	FY 2018 Request	House Authorized
		Program increase for cyber vulnerability assessments and hardening.		[20,000]
142	0605001E	MISSION SUPPORT	63,769	63,769
143	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	91,057	91,057
144	0605104D8Z	TECHNICAL STUDIES, SUPPORT AND ANALYSIS	22,386	22,386
145	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO)	36,581	36,581
147	0605142D8Z	SYSTEMS ENGINEERING	37,622	37,622
148	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD	5,200	5,200
149	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY	5,232	5,232
150	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	12,583	12,583
151	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE)	31,451	31,451
152	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	104,348	104,348
161	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER	2,372	2,372
162	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS	24,365	24,365
163	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	54,145	54,145
164	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION	30,356	30,356
165	0605804D8Z	DEVELOPMENT TEST AND EVALUATION	20,571	20,571
166	0605898E	MANAGEMENT HQ—R&D	14,017	14,017
167	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	4,187	4,187
168	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS	3,992	3,992
169	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS	1,000	1,000
170	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI)	2,551	2,551
171	0204571J	JOINT STAFF ANALYTICAL SUPPORT	7,712	7,712
174	0303166J	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES	673	673
175	0303260D8Z	DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO)	1,006	1,006
177	0305172K	COMBINED ADVANCED APPLICATIONS	16,998	16,998
180	0305245D8Z	INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS	18,992	18,992
181	0306310D8Z	CWMD SYSTEMS: RDT&E MANAGEMENT SUPPORT	1,231	1,231
183	0804767J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—MHA	44,500	44,500
184	0901598C	MANAGEMENT HQ—MDA	29,947	29,947
187	0903235K	JOINT SERVICE PROVIDER (JSP)	5,113	5,113
187A	9999999999	CLASSIFIED PROGRAMS	63,312	63,312
		SUBTOTAL MANAGEMENT SUPPORT	1,010,530	1,030,530
		OPERATIONAL SYSTEM DEVELOPMENT		
188	0604130V	ENTERPRISE SECURITY SYSTEM (ESS)	4,565	4,565
189	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA	1,871	1,871
190	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHASIS)	298	298
191	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	10,882	15,882
		Program increase for increase analytical support		[5,000]
192	0607310D8Z	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT	7,222	7,222
193	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS)	14,450	14,450
194	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT)	45,677	45,677
195	0208043J	PLANNING AND DECISION AID SYSTEM (PDAS)	3,037	3,037
196	0208045K	C4I INTEROPERABILITY	59,490	59,490
198	0301144K	JOINT/ALLIED COALITION INFORMATION SHARING	6,104	6,104
202	0302016K	NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT	1,863	1,863
203	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION	21,564	21,564
204	0303126K	LONG-HAUL COMMUNICATIONS—DCS	15,428	15,428
205	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN)	15,855	15,855
206	0303135G	PUBLIC KEY INFRASTRUCTURE (PKI)	4,811	4,811
207	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI)	33,746	33,746
208	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM	9,415	19,415
		Cyber Scholarship Program		[10,000]
209	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM	227,652	235,652
		Program increase to support cyber defense education of reservists and the National Guard		[8,000]
210	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM	42,687	42,687
211	0303153K	DEFENSE SPECTRUM ORGANIZATION	8,750	8,750
214	0303228K	JOINT INFORMATION ENVIRONMENT (JIE)	4,689	4,689
216	0303430K	FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY	50,000	50,000
222	0305103K	CYBER SECURITY INITIATIVE	1,686	1,686
227	0305186D8Z	POLICY R&D PROGRAMS	6,526	6,526

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
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Line	Program Element	Item	FY 2018 Request	House Authorized
228	0305199D8Z	NET CENTRICITY	18,455	18,455
230	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	5,496	5,496
233	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	3,049	3,049
236	0305327V	INSIDER THREAT	5,365	5,365
237	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM	2,071	2,071
243	0307577D8Z	INTELLIGENCE MISSION DATA (IMD)	13,111	13,111
245	0708012S	PACIFIC DISASTER CENTERS	1,770	1,770
246	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM	2,924	2,924
248	1105219BB	MQ-9 UAV	37,863	37,863
251	1160403BB	AVIATION SYSTEMS	259,886	267,386
		Per SOCOM requested realignment		[7,500]
252	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT	8,245	8,245
253	1160408BB	OPERATIONAL ENHANCEMENTS	79,455	79,455
254	1160431BB	WARRIOR SYSTEMS	45,935	45,935
255	1160432BB	SPECIAL PROGRAMS	1,978	1,978
256	1160434BB	UNMANNED ISR	31,766	31,766
257	1160480BB	SOF TACTICAL VEHICLES	2,578	2,578
258	1160483BB	MARITIME SYSTEMS	42,315	55,115
		Per SOCOM requested realignment		[12,800]
259	1160489BB	GLOBAL VIDEO SURVEILLANCE ACTIVITIES	4,661	4,661
260	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE	12,049	12,049
261	1203610K	TELEPORT PROGRAM	642	642
261A	9999999999	CLASSIFIED PROGRAMS	3,689,646	3,689,646
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT	4,867,528	4,910,828
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	20,490,902	20,996,228
		OPERATIONAL TEST & EVAL, DEFENSE MANAGEMENT SUPPORT		
001	0605118OTE	OPERATIONAL TEST AND EVALUATION	83,503	83,503
002	0605131OTE	LIVE FIRE TEST AND EVALUATION	59,500	59,500
003	0605814OTE	OPERATIONAL TEST ACTIVITIES AND ANALYSES	67,897	67,897
		SUBTOTAL MANAGEMENT SUPPORT	210,900	210,900
		TOTAL OPERATIONAL TEST & EVAL, DEFENSE	210,900	210,900
		TOTAL RDT&E	82,716,636	84,038,357

1 SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-
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SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
006	0602120A	SENSORS AND ELECTRONIC SURVIVABILITY		v
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
055	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	15,000	0
		Realign European Reassurance Initiative to Base		[-15,000]
058	0603639A	TANK AND MEDIUM CALIBER AMMUNITION		4,000
		Unfunded requirement—JLTV lethality 30mm upgrade		[4,000]
060	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	3,000	3,000
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	18,000	7,000
		SYSTEM DEVELOPMENT & DEMONSTRATION		
080	0604201A	AIRCRAFT AVIONICS		12,000
		Unfunded requirement—A-PNT measures		[12,000]
122	0605032A	TRACTOR TIRE	5,000	5,000
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRC)	21,540	21,540
132	0605049A	MISSILE WARNING SYSTEM MODERNIZATION (MWSM)		155,000
		Unfunded requirements—LIMWS		[155,000]
133	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	30,100	30,100
147	0303032A	TROJAN—RH12	1,200	1,200
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	57,840	224,840

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
OPERATIONAL SYSTEMS DEVELOPMENT				
183	0607134A	LONG RANGE PRECISION FIRES (LRPF)		56,731
		Unfunded requirement		[42,731]
		Unfunded requirement—CDAEM Bridging Strategy		[14,000]
191	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.		8,000
		Unfunded requirement—M282 warhead qualification		[8,000]
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM ...	15,000	0
		Realign European Reassurance Initiative to Base		[-15,000]
222	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	7,492	0
		Realign European Reassurance Initiative to Base		[-7,492]
223	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	15,000	0
		Realign European Reassurance Initiative to Base		[-15,000]
228	0307665A	BIOMETRICS ENABLED INTELLIGENCE	6,036	6,036
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	43,528	70,767
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.	119,368	302,607
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
041	0603527N	RETRACT LARCH	22,000	22,000
081	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM).	5,710	5,710
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	27,710	27,710
OPERATIONAL SYSTEMS DEVELOPMENT				
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM	11,600	0
		Realign European Reassurance Initiative to Base		[-11,600]
211	0204574N	CRYPTOLOGIC DIRECT SUPPORT	1,200	1,200
253A	9999999999	CLASSIFIED PROGRAMS	89,855	89,855
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	102,655	91,055
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.	130,365	118,765
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
029	0603438F	SPACE CONTROL TECHNOLOGY	7,800	7,800
053	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	5,400	5,400
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	13,200	13,200
OPERATIONAL SYSTEMS DEVELOPMENT				
196	0207277F	ISR INNOVATIONS	5,750	5,750
214	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS	4,000	4,000
286	0401318F	CV-22		14,000
		Unfunded requirement—common electrical interface		[7,000]
		Unfunded requirement—intelligence broadcast system		[7,000]
318A	9999999999	CLASSIFIED PROGRAMS	112,408	112,408
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	122,158	136,158
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	135,358	149,358
ADVANCED TECHNOLOGY DEVELOPMENT				
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	25,000	25,000
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	25,000	25,000
ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES				
088	0603913C	ISRAELI COOPERATIVE PROGRAMS		507,646
		Additional Cooperative funds, consistent with Title XVI authorizations.		[507,646]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.		507,646
OPERATIONAL SYSTEM DEVELOPMENT				
253	1160408BB	OPERATIONAL ENHANCEMENTS	1,920	3,920
		Unfunded Requirement- Publicly Available Information (PAI) Capability Acceleration.		[2,000]
256	1160434BB	UNMANNED ISR	3,000	3,000
261A	9999999999	CLASSIFIED PROGRAMS	196,176	196,176
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT ...	201,096	203,096

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS
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Line	Program Element	Item	FY 2018 Request	House Authorized
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	226,096	735,742
		TOTAL RDT&E	611,187	1,306,472

1 SEC. 4203. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-
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SEC. 4203. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
		RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY		
		ADVANCED TECHNOLOGY DEVELOPMENT		
042	0603270A	ELECTRONIC WARFARE TECHNOLOGY		3,000
		Multi-Domain Battle Exercise Capability		[3,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.		3,000
		SYSTEM DEVELOPMENT & DEMONSTRATION		
085	0604328A	TRACTOR CAGE		13,000
		Unfunded Requirement		[13,000]
117	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A) ..		15,000
		Unfunded Requirement		[15,000]
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.		28,000
		OPERATIONAL SYSTEMS DEVELOPMENT		
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM ...		26,000
		Unfunded requirement—Stinger PIP		[26,000]
213	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES		21,845
		Unfunded Requirement		[21,845]
214	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM		7,021
		Unfunded Requirement		[7,021]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT		54,866
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.		85,866
		RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY		
		APPLIED RESEARCH		
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH ...		15,000
		AGOR SLEP		[15,000]
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH ..		23,500
		MS-177A Maritime Sensor		[23,500]
		SUBTOTAL APPLIED RESEARCH		38,500
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.		38,500
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF		
		APPLIED RESEARCH		
007	0602203F	AEROSPACE PROPULSION		2,500
		Unfunded Requirement		[2,500]
012	0602605F	DIRECTED ENERGY TECHNOLOGY		8,300
		Unfunded Requirement		[8,300]
		SUBTOTAL APPLIED RESEARCH		10,800
		ADVANCED TECHNOLOGY DEVELOPMENT		
018	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO		5,700
		Unfunded requirement		[5,700]
019	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY		13,500
		Unfunded requirement		[13,500]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.		19,200
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		

SEC. 4203. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
041	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS		10,200
		Unfunding requirement		[10,200]
062	1206438F	SPACE CONTROL TECHNOLOGY		56,900
		AF UPL		[56,900]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.		67,100
		OPERATIONAL SYSTEMS DEVELOPMENT		
230	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN)		11,000
		AF UPL—support for AEHF terminals		[11,000]
302	1203001F	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)		58,400
		AF UPL—FAB-T testing activities		[7,400]
		AF UPL—POTUS voice conference configuration		[31,900]
		AF UPL—spares for testing		[6,600]
		AF UPL—spares for testing		[12,500]
312	1203614F	JSPOC MISSION SYSTEM		24,250
		AF UPL—BMC2 software		[24,250]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT		93,650
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.		190,750
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES		
075	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT		351,000
		Increase GBI magazine capacity at Fort Greely		[208,000]
		Procure 3 additional EKVs		[45,000]
		Procure 7 additional boosters		[98,000]
117	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS		27,500
		Initiates BMDS Global Sensors AoA recommendations for space sensor architecture.		[27,500]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.		378,500
		SYSTEM DEVELOPMENT AND DEMONSTRATION		
137A	0604XXX	RESEARCH AND DEVELOPMENT OF MILITARY RESPONSE OPTIONS FOR RUSSIAN INF TREATY VIOLATION		50,000
		Program increase		[50,000]
		SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION.		50,000
		MANAGEMENT SUPPORT		
151	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE)		30,000
		PROJECT Maven		[30,000]
		SUBTOTAL MANAGEMENT SUPPORT		30,000
		OPERATIONAL SYSTEM DEVELOPMENT		
236	0305327V	INSIDER THREAT		5,000
		Defense Insider Threat Management and Analysis Center		[5,000]
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT ...		5,000
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.		463,500
		TOTAL RDT&E		778,616

1 **TITLE XLIII—OPERATION AND**
2 **MAINTENANCE**
3 **SEC. 4301. OPERATION AND MAINTENANCE.**

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
	OPERATION & MAINTENANCE, ARMY		
	OPERATING FORCES		
010	MANEUVER UNITS	1,455,366	2,193,657

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
	Improve unit training and maintenance readiness		[54,700]
	Realign European Reassurance Initiative to Base		[683,591]
020	MODULAR SUPPORT BRIGADES	105,147	112,847
	Execute the National Military Strategy		[7,700]
030	ECHELONS ABOVE BRIGADE	604,117	692,417
	Improve training readiness		[88,300]
040	THEATER LEVEL ASSETS	793,217	820,517
	Decisive Action training and operations		[27,300]
050	LAND FORCES OPERATIONS SUPPORT	1,169,478	1,207,178
	Combat Training Center Operations and Maintenance		[37,700]
060	AVIATION ASSETS	1,496,503	1,674,803
	Aviation and ISR Maintenance Requirements		[28,200]
	Realign European Reassurance Initiative to Base		[150,100]
070	FORCE READINESS OPERATIONS SUPPORT	3,675,901	3,767,870
	Maintenance of organizational clothing and equipment		[26,500]
	Realign European Reassurance Initiative to Base		[8,969]
	SOUTHCOM—Maritime Patrol Aircraft Expansion		[38,500]
	SOUTHCOM—Mission and Other Ship Operations		[18,000]
080	LAND FORCES SYSTEMS READINESS	466,720	466,720
090	LAND FORCES DEPOT MAINTENANCE	1,443,516	1,594,265
	Depot maintenance of hardware and munitions		[46,600]
	Realign European Reassurance Initiative to Base		[104,149]
100	BASE OPERATIONS SUPPORT	8,080,357	8,142,264
	C4I / Cyber capabilities enabling support		[13,200]
	Realign European Reassurance Initiative to Base		[48,707]
110	FACILITIES SUSTAINMENT, RESTORATION & MOD- ERNIZATION	3,401,155	3,433,155
	Realign European Reassurance Initiative to Base		[32,000]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	443,790	443,790
140	ADDITIONAL ACTIVITIES		135,150
	Realign European Reassurance Initiative to Base		[126,250]
	Training, supplies, spares, and repair site support		[8,900]
180	US AFRICA COMMAND	225,382	225,382
190	US EUROPEAN COMMAND	141,352	185,602
	Realign European Reassurance Initiative to Base		[44,250]
200	US SOUTHERN COMMAND	190,811	194,311
	Mission and Other Ship Operations		[3,500]
210	US FORCES KOREA	59,578	59,578
	SUBTOTAL OPERATING FORCES	23,752,390	25,349,506
MOBILIZATION			
220	STRATEGIC MOBILITY	346,667	347,791
	Sustainment of strategically positioned assets enabling force projection		[1,124]
230	ARMY PREPOSITIONED STOCKS	422,108	483,846
	Realign European Reassurance Initiative to Base		[56,500]
	Sustain Army War Reserve Secondary Items for deployed forces		[5,238]
240	INDUSTRIAL PREPAREDNESS	7,750	7,750
	SUBTOTAL MOBILIZATION	776,525	839,387
TRAINING AND RECRUITING			
250	OFFICER ACQUISITION	137,556	137,556
260	RECRUIT TRAINING	58,872	58,872
270	ONE STATION UNIT TRAINING	58,035	58,035
280	SENIOR RESERVE OFFICERS TRAINING CORPS	505,089	505,089
290	SPECIALIZED SKILL TRAINING	1,015,541	1,018,685
	Leadership development and training		[3,144]
300	FLIGHT TRAINING	1,124,115	1,124,115
310	PROFESSIONAL DEVELOPMENT EDUCATION	220,688	220,688
320	TRAINING SUPPORT	618,164	621,690
	Department of the Army directed training		[3,526]
330	RECRUITING AND ADVERTISING	613,586	613,586
340	EXAMINING	171,223	171,223
350	OFF-DUTY AND VOLUNTARY EDUCATION	214,738	214,738
360	CIVILIAN EDUCATION AND TRAINING	195,099	195,099
370	JUNIOR RESERVE OFFICER TRAINING CORPS	176,116	176,116
	SUBTOTAL TRAINING AND RECRUITING	5,108,822	5,115,492
ADMIN & SRVWIDE ACTIVITIES			

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
390	SERVICEWIDE TRANSPORTATION	555,502	709,552
	Logistics associated with increased end strength		[57,900]
	Realign European Reassurance Initiative to Base		[96,150]
400	CENTRAL SUPPLY ACTIVITIES	894,208	905,657
	Realign European Reassurance Initiative to Base		[11,449]
410	LOGISTIC SUPPORT ACTIVITIES	715,462	715,462
420	AMMUNITION MANAGEMENT	446,931	446,931
430	ADMINISTRATION	493,616	493,616
440	SERVICEWIDE COMMUNICATIONS	2,084,922	2,102,822
	Annual maintenance of Enterprise License Agreements		[17,900]
450	MANPOWER MANAGEMENT	259,588	259,588
460	OTHER PERSONNEL SUPPORT	326,387	326,387
470	OTHER SERVICE SUPPORT	1,087,602	1,078,602
	Program decrease		[-9,000]
480	ARMY CLAIMS ACTIVITIES	210,514	210,514
490	REAL ESTATE MANAGEMENT	243,584	243,584
500	FINANCIAL MANAGEMENT AND AUDIT READINESS	284,592	292,992
	DISA migration cost and system support		[8,400]
510	INTERNATIONAL MILITARY HEADQUARTERS	415,694	415,694
520	MISC. SUPPORT OF OTHER NATIONS	46,856	46,856
565	CLASSIFIED PROGRAMS	1,242,222	1,313,047
	Army Analytics Group		[5,000]
	Realign European Reassurance Initiative to Base		[65,825]
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	9,307,680	9,561,304
	UNDISTRIBUTED		
570	UNDISTRIBUTED		-426,100
	Excessive standard price for fuel		[-20,600]
	Foreign Currency adjustments		[-146,400]
	Historical unobligated balances		[-259,100]
	SUBTOTAL UNDISTRIBUTED		-426,100
	TOTAL OPERATION & MAINTENANCE, ARMY	38,945,417	40,439,589
	OPERATION & MAINTENANCE, ARMY RES		
	OPERATING FORCES		
010	MODULAR SUPPORT BRIGADES	11,461	11,461
020	ECHELONS ABOVE BRIGADE	577,410	577,410
030	THEATER LEVEL ASSETS	117,298	117,298
040	LAND FORCES OPERATIONS SUPPORT	552,016	552,016
050	AVIATION ASSETS	80,302	81,461
	Increase aviation readiness		[1,159]
060	FORCE READINESS OPERATIONS SUPPORT	399,035	399,258
	Pay and allowances for career development training		[223]
070	LAND FORCES SYSTEMS READINESS	102,687	102,687
080	LAND FORCES DEPOT MAINTENANCE	56,016	56,016
090	BASE OPERATIONS SUPPORT	599,947	599,947
100	FACILITIES SUSTAINMENT, RESTORATION & MOD- ERNIZATION	273,940	273,940
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS	22,909	22,909
	SUBTOTAL OPERATING FORCES	2,793,021	2,794,403
	ADMIN & SRVWD ACTIVITIES		
120	SERVICEWIDE TRANSPORTATION	11,116	11,116
130	ADMINISTRATION	17,962	17,962
140	SERVICEWIDE COMMUNICATIONS	18,550	20,950
	Annual maintenance of Enterprise License Agreements		[2,400]
150	MANPOWER MANAGEMENT	6,166	6,166
160	RECRUITING AND ADVERTISING	60,027	60,027
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	113,821	116,221
	UNDISTRIBUTED		
190	UNDISTRIBUTED		-2,500
	Excessive standard price for fuel		[-2,500]
	SUBTOTAL UNDISTRIBUTED		-2,500
	TOTAL OPERATION & MAINTENANCE, ARMY RES	2,906,842	2,908,124

OPERATION & MAINTENANCE, ARNG

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
OPERATING FORCES			
010	MANEUVER UNITS	777,883	810,983
	Unit training and maintenance readiness		[33,100]
020	MODULAR SUPPORT BRIGADES	190,639	190,639
030	ECHELONS ABOVE BRIGADE	807,557	819,457
	Improve training readiness		[11,900]
040	THEATER LEVEL ASSETS	85,476	93,376
	Decisive Action training and operations		[7,900]
050	LAND FORCES OPERATIONS SUPPORT	36,672	38,897
	Aviation contract support for rotary wing aircraft		[2,225]
060	AVIATION ASSETS	956,381	974,581
	Increase aviation readiness		[18,200]
070	FORCE READINESS OPERATIONS SUPPORT	777,756	777,941
	Pay and allowances for career development training		[185]
080	LAND FORCES SYSTEMS READINESS	51,506	51,506
090	LAND FORCES DEPOT MAINTENANCE	244,942	244,942
100	BASE OPERATIONS SUPPORT	1,144,726	1,144,726
110	FACILITIES SUSTAINMENT, RESTORATION & MOD- ERNIZATION	781,895	781,895
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	999,052	999,052
	SUBTOTAL OPERATING FORCES	6,854,485	6,927,995
ADMIN & SRVWD ACTIVITIES			
130	SERVICEWIDE TRANSPORTATION	7,703	7,703
140	ADMINISTRATION	79,236	81,236
	Department of Defense State Partnership Program		[2,000]
150	SERVICEWIDE COMMUNICATIONS	85,160	94,760
	Annual maintenance of Enterprise License Agreements		[9,600]
160	MANPOWER MANAGEMENT	8,654	8,654
170	OTHER PERSONNEL SUPPORT	268,839	268,839
180	REAL ESTATE MANAGEMENT	3,093	3,093
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	452,685	464,285
UNDISTRIBUTED			
190	UNDISTRIBUTED		-10,700
	Excessive standard price for fuel		[-10,700]
	SUBTOTAL UNDISTRIBUTED		-10,700
	TOTAL OPERATION & MAINTENANCE, ARNG	7,307,170	7,381,580
OPERATION & MAINTENANCE, NAVY			
OPERATING FORCES			
010	MISSION AND OTHER FLIGHT OPERATIONS	5,544,165	5,570,915
	Cbt logistics Mnt for TAO-187		[22,000]
	Realign European Reassurance Initiative to Base		[4,750]
020	FLEET AIR TRAINING	2,075,000	2,075,000
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	46,801	46,801
040	AIR OPERATIONS AND SAFETY SUPPORT	119,624	119,624
050	AIR SYSTEMS SUPPORT	552,536	594,536
	Fund aviation spt to max executable		[42,000]
060	AIRCRAFT DEPOT MAINTENANCE	1,088,482	1,088,482
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	40,584	40,584
080	AVIATION LOGISTICS	723,786	843,786
	Fund aviation logistics to max executable		[120,000]
090	MISSION AND OTHER SHIP OPERATIONS	4,067,334	4,071,011
	Realign European Reassurance Initiative to Base		[3,677]
100	SHIP OPERATIONS SUPPORT & TRAINING	977,701	977,701
110	SHIP DEPOT MAINTENANCE	7,165,858	7,175,358
	Western Pacific Ship Repair		[9,500]
120	SHIP DEPOT OPERATIONS SUPPORT	2,193,851	2,193,851
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE	1,288,094	1,299,494
	Logistics support for legacy C41 systems		[6,000]
	Realign European Reassurance Initiative to Base		[5,400]
150	SPACE SYSTEMS AND SURVEILLANCE	206,678	211,078
	Realign European Reassurance Initiative to Base		[4,400]
160	WARFARE TACTICS	621,581	622,581
	Operational Range and Environmental Compliance		[1,000]
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	370,681	370,681
180	COMBAT SUPPORT FORCES	1,437,966	1,460,950
	Coastal Riverine Force meet operational requirements		[7,000]

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
	COMPACFLT C41 Upgrade		[10,000]
	Realign European Reassurance Initiative to Base		[5,984]
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT	162,705	162,705
210	COMBATANT COMMANDERS CORE OPERATIONS	65,108	65,108
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT ..	86,892	155,992
	Joint Training Capability and Exercise Programs		[64,100]
	No-Notice Agile Logistics Exercise		[5,000]
230	MILITARY INFORMATION SUPPORT OPERATIONS	8,427	8,427
240	CYBERSPACE ACTIVITIES	385,212	385,212
260	FLEET BALLISTIC MISSILE	1,278,456	1,278,456
280	WEAPONS MAINTENANCE	745,680	751,980
	Munitions wholeness		[5,000]
	Realign European Reassurance Initiative to Base		[1,300]
290	OTHER WEAPON SYSTEMS SUPPORT	380,016	380,016
300	ENTERPRISE INFORMATION	914,428	914,428
310	SUSTAINMENT, RESTORATION AND MODERNIZATION	1,905,679	1,905,679
320	BASE OPERATING SUPPORT	4,333,688	4,356,688
	Operational range clearance		[11,000]
	Port Operations Service Craft Maintenance		[12,000]
	SUBTOTAL OPERATING FORCES	38,787,013	39,127,124
	MOBILIZATION		
330	SHIP PREPOSITIONING AND SURGE	417,450	427,450
	Strategic sealift management		[10,000]
360	SHIP ACTIVATIONS/INACTIVATIONS	198,341	198,341
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS	66,849	66,849
390	COAST GUARD SUPPORT	21,870	21,870
	SUBTOTAL MOBILIZATION	704,510	714,510
	TRAINING AND RECRUITING		
400	OFFICER ACQUISITION	143,924	143,924
410	RECRUIT TRAINING	8,975	8,975
420	RESERVE OFFICERS TRAINING CORPS	144,708	144,708
430	SPECIALIZED SKILL TRAINING	812,708	812,708
450	PROFESSIONAL DEVELOPMENT EDUCATION	180,448	182,448
	Naval Sea Cadets		[2,000]
460	TRAINING SUPPORT	234,596	234,596
470	RECRUITING AND ADVERTISING	177,517	177,517
480	OFF-DUTY AND VOLUNTARY EDUCATION	103,154	103,154
490	CIVILIAN EDUCATION AND TRAINING	72,216	72,216
500	JUNIOR ROTC	53,262	53,262
	SUBTOTAL TRAINING AND RECRUITING	1,931,508	1,933,508
	ADMIN & SRVWD ACTIVITIES		
510	ADMINISTRATION	1,135,429	1,126,429
	Program decrease		[-9,000]
530	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT ...	149,365	149,365
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	386,749	386,749
590	SERVICEWIDE TRANSPORTATION	165,301	165,301
610	PLANNING, ENGINEERING, AND PROGRAM SUPPORT	311,616	311,616
620	ACQUISITION, LOGISTICS, AND OVERSIGHT	665,580	665,580
660	INVESTIGATIVE AND SECURITY SERVICES	659,143	659,143
775	CLASSIFIED PROGRAMS	543,193	553,193
	Research and Technology Protection		[10,000]
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	4,016,376	4,017,376
	UNDISTRIBUTED		
780	UNDISTRIBUTED		-356,800
	Excessive standard price for fuel		[-143,600]
	Foreign Currency adjustments		[-35,300]
	Historical unobligated balances		[-177,900]
	SUBTOTAL UNDISTRIBUTED		-356,800
	TOTAL OPERATION & MAINTENANCE, NAVY	45,439,407	45,435,718
	OPERATION & MAINTENANCE, MARINE CORPS		
	OPERATING FORCES		
010	OPERATIONAL FORCES	967,949	1,132,682
	Realign European Reassurance Initiative to Base		[164,733]

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
020	FIELD LOGISTICS	1,065,090	1,065,090
030	DEPOT MAINTENANCE	286,635	286,635
040	MARITIME PREPOSITIONING	85,577	85,577
050	CYBERSPACE ACTIVITIES	181,518	181,518
060	SUSTAINMENT, RESTORATION & MODERNIZATION	785,264	785,264
070	BASE OPERATING SUPPORT	2,196,252	2,196,252
	SUBTOTAL OPERATING FORCES	5,568,285	5,733,018
	TRAINING AND RECRUITING		
080	RECRUIT TRAINING	16,163	16,163
090	OFFICER ACQUISITION	1,154	1,154
100	SPECIALIZED SKILL TRAINING	100,398	100,398
110	PROFESSIONAL DEVELOPMENT EDUCATION	46,474	46,474
120	TRAINING SUPPORT	405,039	405,039
130	RECRUITING AND ADVERTISING	201,601	201,601
140	OFF-DUTY AND VOLUNTARY EDUCATION	32,045	32,045
150	JUNIOR ROTC	24,394	24,394
	SUBTOTAL TRAINING AND RECRUITING	827,268	827,268
	ADMIN & SRVWD ACTIVITIES		
160	SERVICEWIDE TRANSPORTATION	28,827	28,827
170	ADMINISTRATION	378,683	375,683
	Program decrease		[-3,000]
190	ACQUISITION AND PROGRAM MANAGEMENT	77,684	77,684
215	CLASSIFIED PROGRAMS	52,661	52,661
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	537,855	534,855
	UNDISTRIBUTED		
220	UNDISTRIBUTED		-38,000
	Excessive standard price for fuel		[-1,800]
	Foreign Currency adjustments		[-11,400]
	Historical unobligated balances		[-24,800]
	SUBTOTAL UNDISTRIBUTED		-38,000
	TOTAL OPERATION & MAINTENANCE, MA- RINE CORPS	6,933,408	7,057,141
	OPERATION & MAINTENANCE, NAVY RES OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	596,876	596,876
020	INTERMEDIATE MAINTENANCE	5,902	5,902
030	AIRCRAFT DEPOT MAINTENANCE	94,861	94,861
040	AIRCRAFT DEPOT OPERATIONS SUPPORT	381	381
050	AVIATION LOGISTICS	13,822	13,822
060	SHIP OPERATIONS SUPPORT & TRAINING	571	571
070	COMBAT COMMUNICATIONS	16,718	16,718
080	COMBAT SUPPORT FORCES	118,079	118,079
090	CYBERSPACE ACTIVITIES	308	308
100	ENTERPRISE INFORMATION	28,650	28,650
110	SUSTAINMENT, RESTORATION AND MODERNIZATION	86,354	86,354
120	BASE OPERATING SUPPORT	103,596	103,596
	SUBTOTAL OPERATING FORCES	1,066,118	1,066,118
	ADMIN & SRVWD ACTIVITIES		
130	ADMINISTRATION	1,371	1,371
140	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	13,289	13,289
160	ACQUISITION AND PROGRAM MANAGEMENT	3,229	3,229
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	17,889	17,889
	UNDISTRIBUTED		
180	UNDISTRIBUTED		-9,800
	Excessive standard price for fuel		[-9,800]
	SUBTOTAL UNDISTRIBUTED		-9,800
	TOTAL OPERATION & MAINTENANCE, NAVY RES	1,084,007	1,074,207
	OPERATION & MAINTENANCE, MC RESERVE OPERATING FORCES		
010	OPERATING FORCES	103,468	103,468

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
020	DEPOT MAINTENANCE	18,794	18,794
030	SUSTAINMENT, RESTORATION AND MODERNIZATION	32,777	32,777
040	BASE OPERATING SUPPORT	111,213	111,213
	SUBTOTAL OPERATING FORCES	266,252	266,252
ADMIN & SRVWD ACTIVITIES			
060	ADMINISTRATION	12,585	12,585
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	12,585	12,585
UNDISTRIBUTED			
080	UNDISTRIBUTED		-300
	Excessive standard price for fuel		[-300]
	SUBTOTAL UNDISTRIBUTED		-300
	TOTAL OPERATION & MAINTENANCE, MC RESERVE	278,837	278,537
OPERATION & MAINTENANCE, AIR FORCE OPERATING FORCES			
010	PRIMARY COMBAT FORCES	694,702	727,802
	Adversarial Air Training- mission qualification		[10,200]
	B-2 Replenishment spares		[9,000]
	PACAF Contingency response group		[4,200]
	Rocket system launch program		[8,000]
	Training equipment shortfalls		[1,700]
020	COMBAT ENHANCEMENT FORCES	1,392,326	1,547,048
	Battlefield airman equipment assembly		[8,300]
	Personnel recovery requirements		[500]
	Realign European Reassurance Initiative to Base		[96,522]
	TARP contractor specialist		[800]
	Training equipment shortfalls		[6,000]
	Training specialist contract		[400]
	Unified capabilities		[42,200]
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	1,128,640	1,179,940
	F-35 maintenance instructors		[49,700]
	Readiness decision support enterprise		[1,600]
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE	2,755,367	2,873,088
	Aircraft depot level repairables		[92,100]
	Battlefield airman equipment		[7,100]
	Realign European Reassurance Initiative to Base		[18,521]
050	FACILITIES SUSTAINMENT, RESTORATION & MOD- ERNIZATION	3,292,553	3,315,253
	Realign European Reassurance Initiative to Base		[22,700]
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUP- PORT	6,555,186	6,756,965
	Aircraft depot level repairables		[177,700]
	E4B maintenance personnel		[1,000]
	EC-130H service life extension		[12,000]
	Realign European Reassurance Initiative to Base		[4,279]
	Sustain C-37B		[6,800]
070	FLYING HOUR PROGRAM	4,135,330	4,201,997
	Realign European Reassurance Initiative to Base		[66,667]
080	BASE SUPPORT	5,985,232	6,090,537
	Application hosting/MSO		[27,000]
	Cloud migration		[25,600]
	Enterprise sves in FY18		[39,000]
	Realign European Reassurance Initiative to Base		[13,705]
090	GLOBAL C3I AND EARLY WARNING	847,516	977,216
	Aviation readiness shortfalls		[2,000]
	Cyber readiness shortfalls		[35,300]
	Cyber security readiness shortfalls		[57,500]
	Realign European Reassurance Initiative to Base		[2,000]
	Space based readiness shortfalls		[32,900]
100	OTHER COMBAT OPS SPT PROGRAMS	1,131,817	1,253,379
	Anti-terrorism force protection		[10,000]
	Cyber readiness shortfalls		[4,000]
	Cyber training readiness shortfalls		[11,000]
	EOD training and readiness shortfalls		[5,400]
	Installation processing nodes		[51,400]
	ISR sustainment and readiness		[9,800]

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
	PACAF- restore contingency response group		[10,100]
	Realign European Reassurance Initiative to Base		[19,562]
	Tailored OPIR intel products		[300]
120	LAUNCH FACILITIES	175,457	175,457
130	SPACE CONTROL SYSTEMS	353,458	541,758
	Command and Control sustainment and readiness		[47,100]
	Operationalizing commercial SSA		[15,000]
	Space based sustainment and readiness shortfalls		[126,200]
160	US NORTHCOM/NORAD	189,891	189,891
170	US STRATCOM	534,236	534,236
180	US CYBERCOM	357,830	357,830
190	US CENTCOM	168,208	168,208
200	US SOCOM	2,280	2,280
210	US TRANSCOM	533	533
215	CLASSIFIED PROGRAMS	1,091,655	1,091,655
	SUBTOTAL OPERATING FORCES	30,792,217	31,985,073
	MOBILIZATION		
220	AIRLIFT OPERATIONS	1,570,697	1,577,097
	C-37B flying hours		[1,800]
	Realign European Reassurance Initiative to Base		[4,600]
230	MOBILIZATION PREPAREDNESS	130,241	288,311
	Basic Expeditionary Airfield Resources PACOM		[22,600]
	BEAR PACOM		[22,600]
	BEAR PACOM spares		[2,900]
	PACAF Contingency response group		[10,100]
	Realign European Reassurance Initiative to Base		[99,870]
	SUBTOTAL MOBILIZATION	1,700,938	1,865,408
	TRAINING AND RECRUITING		
270	OFFICER ACQUISITION	113,722	113,722
280	RECRUIT TRAINING	24,804	24,804
290	RESERVE OFFICERS TRAINING CORPS (ROTC)	95,733	95,733
320	SPECIALIZED SKILL TRAINING	395,476	395,476
330	FLIGHT TRAINING	501,599	501,599
340	PROFESSIONAL DEVELOPMENT EDUCATION	287,500	287,500
350	TRAINING SUPPORT	91,384	91,384
370	RECRUITING AND ADVERTISING	166,795	166,795
380	EXAMINING	4,134	4,134
390	OFF-DUTY AND VOLUNTARY EDUCATION	222,691	222,691
400	CIVILIAN EDUCATION AND TRAINING	171,974	171,974
410	JUNIOR ROTC	60,070	60,070
	SUBTOTAL TRAINING AND RECRUITING	2,135,882	2,135,882
	ADMIN & SRVWD ACTIVITIES		
420	LOGISTICS OPERATIONS	805,453	808,453
	Realign European Reassurance Initiative to Base		[3,000]
430	TECHNICAL SUPPORT ACTIVITIES	127,379	127,379
470	ADMINISTRATION	911,283	911,283
480	SERVICEMAN COMMUNICATIONS	432,172	422,172
	Program decrease		[-10,000]
490	OTHER SERVICEMAN ACTIVITIES	1,175,658	1,166,658
	Program decrease		[-9,000]
500	CIVIL AIR PATROL	26,719	29,819
	Civil Air Patrol		[3,100]
530	INTERNATIONAL SUPPORT	76,878	76,878
535	CLASSIFIED PROGRAMS	1,244,653	1,244,653
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	4,800,195	4,787,295
	UNDISTRIBUTED		
540	UNDISTRIBUTED		-389,600
	Excessive standard price for fuel		[-135,400]
	Foreign Currency adjustments		[-84,300]
	Historical unobligated balances		[-169,900]
	SUBTOTAL UNDISTRIBUTED		-389,600
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	39,429,232	40,384,058
	OPERATION & MAINTENANCE, AF RESERVE		

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
OPERATING FORCES			
010	PRIMARY COMBAT FORCES	1,801,007	1,801,007
020	MISSION SUPPORT OPERATIONS	210,642	210,642
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	403,867	403,867
040	FACILITIES SUSTAINMENT, RESTORATION & MOD- ERNIZATION	124,951	124,951
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUP- PORT	240,835	258,635
	C-17 CLS workload		[5,700]
	C-17 depot-level repairable		[12,100]
060	BASE SUPPORT	371,878	371,878
	SUBTOTAL OPERATING FORCES	3,153,180	3,170,980
ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
070	ADMINISTRATION	74,153	74,153
080	RECRUITING AND ADVERTISING	19,522	19,522
090	MILITARY MANPOWER AND PERS MGMT (ARPC)	12,765	12,765
100	OTHER PERS SUPPORT (DISABILITY COMP)	7,495	7,495
110	AUDIOVISUAL	392	392
	SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES	114,327	114,327
UNDISTRIBUTED			
120	UNDISTRIBUTED		-21,900
	Excessive standard price for fuel		[-21,900]
	SUBTOTAL UNDISTRIBUTED		-21,900
	TOTAL OPERATION & MAINTENANCE, AF RE-SERVE	3,267,507	3,263,407
OPERATION & MAINTENANCE, ANG			
OPERATING FORCES			
010	AIRCRAFT OPERATIONS	3,175,055	3,265,955
	Additional training man days		[54,900]
	Two C-130 simulators		[36,000]
020	MISSION SUPPORT OPERATIONS	746,082	801,682
	Additional training man days		[37,100]
	Restore support operations		[18,500]
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	867,063	867,063
040	FACILITIES SUSTAINMENT, RESTORATION & MOD- ERNIZATION	325,090	325,090
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUP- PORT	1,100,829	1,152,129
	C-130 propulsion improvements		[16,100]
	Maintenance for RC-26 a/c		[28,700]
	Sustain DCGS		[6,500]
060	BASE SUPPORT	583,664	593,464
	Additional training man days		[9,800]
	SUBTOTAL OPERATING FORCES	6,797,783	7,005,383
ADMINISTRATION AND SERVICE-WIDE ACTIVITIES			
070	ADMINISTRATION	44,955	44,955
080	RECRUITING AND ADVERTISING	97,230	97,230
	SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES	142,185	142,185
UNDISTRIBUTED			
090	UNDISTRIBUTED		-43,300
	Excessive standard price for fuel		[-43,300]
	SUBTOTAL UNDISTRIBUTED		-43,300
	TOTAL OPERATION & MAINTENANCE, ANG	6,939,968	7,104,268
OPERATION AND MAINTENANCE, DEFENSE-WIDE			
OPERATING FORCES			
010	JOINT CHIEFS OF STAFF	440,853	440,853
020	JOINT CHIEFS OF STAFF—CE2T2	551,511	551,511
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES	5,008,274	5,104,244
	Realign European Reassurance Initiative to Base		[95,970]
	SUBTOTAL OPERATING FORCES	6,000,638	6,096,608

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
TRAINING AND RECRUITING			
050	DEFENSE ACQUISITION UNIVERSITY	144,970	144,970
060	JOINT CHIEFS OF STAFF	84,402	84,402
080	SPECIAL OPERATIONS COMMAND/TRAINING AND RE- CRUITING	379,462	379,462
	SUBTOTAL TRAINING AND RECRUITING	608,834	608,834
ADMIN & SRVWIDE ACTIVITIES			
090	CIVIL MILITARY PROGRAMS	183,000	209,500
	National Guard Youth Challenge		[1,500]
	STARBASE		[20,000]
	World War I Centennial Commission		[5,000]
110	DEFENSE CONTRACT AUDIT AGENCY	597,836	597,836
120	DEFENSE CONTRACT MANAGEMENT AGENCY	1,439,010	1,439,010
130	DEFENSE HUMAN RESOURCES ACTIVITY	807,754	807,754
140	DEFENSE INFORMATION SYSTEMS AGENCY	2,009,702	2,009,702
160	DEFENSE LEGAL SERVICES AGENCY	24,207	24,207
170	DEFENSE LOGISTICS AGENCY	400,422	414,922
	Procurement Technical Assistance Program (PTAP)		[14,500]
180	DEFENSE MEDIA ACTIVITY	217,585	215,454
	Program decrease		[-2,500]
	Realign European Reassurance Initiative to Base		[369]
190	DEFENSE PERSONNEL ACCOUNTING AGENCY	131,268	131,268
200	DEFENSE SECURITY COOPERATION AGENCY	722,496	872,496
	Realign European Reassurance Initiative to Base		[150,000]
210	DEFENSE SECURITY SERVICE	683,665	703,665
	Joint Acquisition Protection and Exploitation Cell (JAPEC) ...		[20,000]
230	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION	34,712	34,712
240	DEFENSE THREAT REDUCTION AGENCY	542,604	517,604
	Efficiencies from DTRA/JIDO integration		[-25,000]
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	2,794,389	2,844,389
	Impact Aid		[50,000]
270	MISSILE DEFENSE AGENCY	504,058	504,058
290	OFFICE OF ECONOMIC ADJUSTMENT	57,840	57,840
300	OFFICE OF THE SECRETARY OF DEFENSE	1,488,344	1,515,110
	Implementation of Military Housing Fall Prevention		[16,000]
	Implementation of transparency of Defense Business System Data		[25,000]
	Program decrease		[-17,234]
	Support for Commission to Assess the Threat from Electro- magnetic Pulse Attacks and Events		[3,000]
310	SPECIAL OPERATIONS COMMAND/ADMIN & SVC-WIDE AC- TIVITIES	94,273	94,273
320	WASHINGTON HEADQUARTERS SERVICES	436,776	436,776
325	CLASSIFIED PROGRAMS	14,806,404	14,861,724
	Realign European Reassurance Initiative to Base		[55,320]
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	27,976,345	28,292,300
UNDISTRIBUTED			
330	UNDISTRIBUTED		-204,900
	Excessive standard price for fuel		[-6,500]
	Foreign Currency adjustments		[-19,400]
	Historical unobligated balances		[-179,000]
	SUBTOTAL UNDISTRIBUTED		-204,900
	TOTAL OPERATION AND MAINTENANCE, DE- FENSE-WIDE	34,585,817	34,792,842
MISCELLANEOUS APPROPRIATIONS			
010	US COURT OF APPEALS FOR THE ARMED FORCES, DE- FENSE	14,538	14,538
020	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID ...	104,900	104,900
030	COOPERATIVE THREAT REDUCTION	324,600	324,600
050	ENVIRONMENTAL RESTORATION, ARMY	215,809	215,809
	Department of Defense Cleanup and Removal of Petroleum, Oil, and Lubricant associated with the Prinz Eugen		[6,000]
	Program decrease		[-6,000]
060	ENVIRONMENTAL RESTORATION, NAVY	281,415	323,649
	PFOA/PFOS Remediation		[30,000]

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
	Program increase		[12,234]
070	ENVIRONMENTAL RESTORATION, AIR FORCE	293,749	323,749
	PFOA/PFOS Remediation		[30,000]
080	ENVIRONMENTAL RESTORATION, DEFENSE	9,002	9,002
090	ENVIRONMENTAL RESTORATION FORMERLY USED SITES	208,673	208,673
	TOTAL MISCELLANEOUS APPROPRIATIONS	1,452,686	1,524,920
	TOTAL OPERATION & MAINTENANCE	188,570,298	192,294,497

1 SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS

2 CONTINGENCY OPERATIONS.

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
	OPERATION & MAINTENANCE, ARMY		
	OPERATING FORCES		
010	MANEUVER UNITS	828,225	144,634
	Realign European Reassurance Initiative to Base		[-683,591]
030	ECHELONS ABOVE BRIGADE	25,474	25,474
040	THEATER LEVEL ASSETS	1,778,644	1,778,644
050	LAND FORCES OPERATIONS SUPPORT	260,575	260,575
060	AVIATION ASSETS	284,422	134,322
	Realign European Reassurance Initiative to Base		[-150,100]
070	FORCE READINESS OPERATIONS SUPPORT	2,784,525	2,775,556
	Realign European Reassurance Initiative to Base		[-8,969]
080	LAND FORCES SYSTEMS READINESS	502,330	502,330
090	LAND FORCES DEPOT MAINTENANCE	104,149	0
	Realign European Reassurance Initiative to Base		[-104,149]
100	BASE OPERATIONS SUPPORT	80,249	31,542
	Realign European Reassurance Initiative to Base		[-48,707]
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	32,000	0
	Realign European Reassurance Initiative to Base		[-32,000]
140	ADDITIONAL ACTIVITIES	6,151,378	6,025,128
	Realign European Reassurance Initiative to Base		[-126,250]
150	COMMANDERS EMERGENCY RESPONSE PROGRAM	5,000	5,000
160	RESET	864,926	864,926
180	US AFRICA COMMAND	186,567	186,567
190	US EUROPEAN COMMAND	44,250	0
	Realign European Reassurance Initiative to Base		[-44,250]
	SUBTOTAL OPERATING FORCES	13,932,714	12,734,698
	MOBILIZATION		
230	ARMY PREPOSITIONED STOCKS	56,500	0
	Realign European Reassurance Initiative to Base		[-56,500]
	SUBTOTAL MOBILIZATION	56,500	0
	ADMIN & SRVWIDE ACTIVITIES		
390	SERVICEWIDE TRANSPORTATION	755,029	658,879
	Realign European Reassurance Initiative to Base		[-96,150]
400	CENTRAL SUPPLY ACTIVITIES	16,567	5,118
	Realign European Reassurance Initiative to Base		[-11,449]
410	LOGISTIC SUPPORT ACTIVITIES	6,000	6,000
420	AMMUNITION MANAGEMENT	5,207	5,207
460	OTHER PERSONNEL SUPPORT	107,091	107,091
490	REAL ESTATE MANAGEMENT	165,280	165,280
565	CLASSIFIED PROGRAMS	1,082,015	1,016,190
	Realign European Reassurance Initiative to Base		[-65,825]
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	2,137,189	1,963,765
	TOTAL OPERATION & MAINTENANCE, ARMY	16,126,403	14,698,463

OPERATION & MAINTENANCE, ARMY RES

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
OPERATING FORCES			
020	ECHELONS ABOVE BRIGADE	4,179	19,822
	Training and operations of USAR early deploying units		[15,643]
030	THEATER LEVEL ASSETS		4,718
	Training and operations of USAR early deploying units		[4,718]
040	LAND FORCES OPERATIONS SUPPORT	2,132	15,050
	Training and operations of USAR early deploying units		[12,918]
060	FORCE READINESS OPERATIONS SUPPORT	779	779
090	BASE OPERATIONS SUPPORT	17,609	17,609
	SUBTOTAL OPERATING FORCES	24,699	57,978
	TOTAL OPERATION & MAINTENANCE, ARMY RES	24,699	57,978
OPERATION & MAINTENANCE, ARNG			
OPERATING FORCES			
010	MANEUVER UNITS	41,731	41,731
020	MODULAR SUPPORT BRIGADES	762	762
030	ECHELONS ABOVE BRIGADE	11,855	11,855
040	THEATER LEVEL ASSETS	204	204
060	AVIATION ASSETS	27,583	27,583
070	FORCE READINESS OPERATIONS SUPPORT	5,792	5,792
100	BASE OPERATIONS SUPPORT	18,507	18,507
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	937	937
	SUBTOTAL OPERATING FORCES	107,371	107,371
ADMIN & SRVWD ACTIVITIES			
150	SERVICEWIDE COMMUNICATIONS	740	740
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	740	740
	TOTAL OPERATION & MAINTENANCE, ARNG	108,111	108,111
AFGHANISTAN SECURITY FORCES FUND			
MINISTRY OF DEFENSE			
010	SUSTAINMENT	2,660,855	2,660,855
020	INFRASTRUCTURE	21,000	21,000
030	EQUIPMENT AND TRANSPORTATION	684,786	684,786
040	TRAINING AND OPERATIONS	405,117	405,117
	SUBTOTAL MINISTRY OF DEFENSE	3,771,758	3,771,758
MINISTRY OF INTERIOR			
050	SUSTAINMENT	955,574	955,574
060	INFRASTRUCTURE	39,595	39,595
070	EQUIPMENT AND TRANSPORTATION	75,976	75,976
080	TRAINING AND OPERATIONS	94,612	94,612
	SUBTOTAL MINISTRY OF INTERIOR	1,165,757	1,165,757
	TOTAL AFGHANISTAN SECURITY FORCES FUND	4,937,515	4,937,515
COUNTER-ISIS TRAIN & EQUIP FUND			
COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)			
010	IRAQ	1,269,000	1,269,000
020	SYRIA	500,000	500,000
	SUBTOTAL COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)	1,769,000	1,769,000
	TOTAL COUNTER-ISIS TRAIN & EQUIP FUND	1,769,000	1,769,000
OPERATION & MAINTENANCE, NAVY			
OPERATING FORCES			
010	MISSION AND OTHER FLIGHT OPERATIONS	412,710	407,960
	Realign European Reassurance Initiative to Base		[-4,750]
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	1,750	1,750
040	AIR OPERATIONS AND SAFETY SUPPORT	2,989	2,989
050	AIR SYSTEMS SUPPORT	144,030	144,030
060	AIRCRAFT DEPOT MAINTENANCE	211,196	211,196
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	1,921	1,921
080	AVIATION LOGISTICS	102,834	102,834
090	MISSION AND OTHER SHIP OPERATIONS	855,453	851,776
	Realign European Reassurance Initiative to Base		[-3,677]

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
100	SHIP OPERATIONS SUPPORT & TRAINING	19,627	19,627
110	SHIP DEPOT MAINTENANCE	2,483,179	2,548,179
	Repairs related to USS Fitzgerald		[65,000]
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE	58,886	53,486
	Realign European Reassurance Initiative to Base		[-5,400]
150	SPACE SYSTEMS AND SURVEILLANCE	4,400	0
	Realign European Reassurance Initiative to Base		[-4,400]
160	WARFARE TACTICS	21,550	21,550
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	21,104	21,104
180	COMBAT SUPPORT FORCES	605,936	599,952
	Realign European Reassurance Initiative to Base		[-5,984]
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUP- PORT	11,433	11,433
280	WEAPONS MAINTENANCE	325,011	323,711
	Realign European Reassurance Initiative to Base		[-1,300]
290	OTHER WEAPON SYSTEMS SUPPORT	9,598	9,598
310	SUSTAINMENT, RESTORATION AND MODERNIZATION	31,898	31,898
320	BASE OPERATING SUPPORT	228,246	228,246
	SUBTOTAL OPERATING FORCES	5,553,751	5,593,240
MOBILIZATION			
360	SHIP ACTIVATIONS/INACTIVATIONS	1,869	1,869
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS	11,905	11,905
390	COAST GUARD SUPPORT	161,885	161,885
	SUBTOTAL MOBILIZATION	175,659	175,659
TRAINING AND RECRUITING			
430	SPECIALIZED SKILL TRAINING	43,369	43,369
	SUBTOTAL TRAINING AND RECRUITING	43,369	43,369
ADMIN & SRVWD ACTIVITIES			
510	ADMINISTRATION	3,217	3,217
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	7,356	7,356
590	SERVICEWIDE TRANSPORTATION	67,938	67,938
620	ACQUISITION, LOGISTICS, AND OVERSIGHT	9,446	9,446
660	INVESTIGATIVE AND SECURITY SERVICES	1,528	1,528
775	CLASSIFIED PROGRAMS	12,751	12,751
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	102,236	102,236
	TOTAL OPERATION & MAINTENANCE, NAVY	5,875,015	5,914,504
OPERATION & MAINTENANCE, MARINE CORPS			
OPERATING FORCES			
010	OPERATIONAL FORCES	710,790	546,057
	Realign European Reassurance Initiative to Base		[-164,733]
020	FIELD LOGISTICS	242,150	242,150
030	DEPOT MAINTENANCE	52,000	52,000
070	BASE OPERATING SUPPORT	17,529	17,529
	SUBTOTAL OPERATING FORCES	1,022,469	857,736
TRAINING AND RECRUITING			
120	TRAINING SUPPORT	29,421	29,421
	SUBTOTAL TRAINING AND RECRUITING	29,421	29,421
ADMIN & SRVWD ACTIVITIES			
160	SERVICEWIDE TRANSPORTATION	61,600	61,600
215	CLASSIFIED PROGRAMS	3,150	3,150
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	64,750	64,750
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS	1,116,640	951,907
OPERATION & MAINTENANCE, NAVY RES			
OPERATING FORCES			
030	AIRCRAFT DEPOT MAINTENANCE	14,964	14,964
080	COMBAT SUPPORT FORCES	9,016	9,016
	SUBTOTAL OPERATING FORCES	23,980	23,980
	TOTAL OPERATION & MAINTENANCE, NAVY RES	23,980	23,980

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
OPERATION & MAINTENANCE, MC RESERVE			
OPERATING FORCES			
010	OPERATING FORCES	2,548	2,548
040	BASE OPERATING SUPPORT	819	819
	SUBTOTAL OPERATING FORCES	3,367	3,367
	TOTAL OPERATION & MAINTENANCE, MC RE-SERVE	3,367	3,367
OPERATION & MAINTENANCE, AIR FORCE			
OPERATING FORCES			
010	PRIMARY COMBAT FORCES	248,235	248,235
020	COMBAT ENHANCEMENT FORCES	1,394,962	1,298,440
	Realign European Reassurance Initiative to Base		[-96,522]
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	5,450	5,450
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE	699,860	719,339
	Realign European Reassurance Initiative to Base		[-18,521]
	Restoration of Damaged U-2 Aircraft		[38,000]
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	113,131	90,431
	Realign European Reassurance Initiative to Base		[-22,700]
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT ..	2,039,551	2,035,272
	Realign European Reassurance Initiative to Base		[-4,279]
070	FLYING HOUR PROGRAM	2,059,363	1,992,696
	Realign European Reassurance Initiative to Base		[-66,667]
080	BASE SUPPORT	1,088,946	1,075,241
	Realign European Reassurance Initiative to Base		[-13,705]
090	GLOBAL C3I AND EARLY WARNING	15,274	13,274
	Realign European Reassurance Initiative to Base		[-2,000]
100	OTHER COMBAT OPS SPT PROGRAMS	198,090	178,528
	Realign European Reassurance Initiative to Base		[-19,562]
120	LAUNCH FACILITIES	385	385
130	SPACE CONTROL SYSTEMS	22,020	22,020
160	US NORTHCOM/NORAD	381	381
170	US STRATCOM	698	698
180	US CYBERCOM	35,239	35,239
190	US CENTCOM	159,520	159,520
200	US SOCOM	19,000	19,000
215	CLASSIFIED PROGRAMS	58,098	58,098
	SUBTOTAL OPERATING FORCES	8,158,203	7,952,247
MOBILIZATION			
220	AIRLIFT OPERATIONS	1,430,316	1,425,716
	Realign European Reassurance Initiative to Base		[-4,600]
230	MOBILIZATION PREPAREDNESS	213,827	113,957
	Realign European Reassurance Initiative to Base		[-99,870]
	SUBTOTAL MOBILIZATION	1,644,143	1,539,673
TRAINING AND RECRUITING			
270	OFFICER ACQUISITION	300	300
280	RECRUIT TRAINING	298	298
290	RESERVE OFFICERS TRAINING CORPS (ROTC)	90	90
320	SPECIALIZED SKILL TRAINING	25,675	25,675
330	FLIGHT TRAINING	879	879
340	PROFESSIONAL DEVELOPMENT EDUCATION	1,114	1,114
350	TRAINING SUPPORT	1,426	1,426
	SUBTOTAL TRAINING AND RECRUITING	29,782	29,782
ADMIN & SRVWD ACTIVITIES			
420	LOGISTICS OPERATIONS	151,847	148,847
	Realign European Reassurance Initiative to Base		[-3,000]
430	TECHNICAL SUPPORT ACTIVITIES	8,744	8,744
470	ADMINISTRATION	6,583	6,583
480	SERVICEWIDE COMMUNICATIONS	129,508	129,508
490	OTHER SERVICEWIDE ACTIVITIES	84,110	84,110
530	INTERNATIONAL SUPPORT	120	120
535	CLASSIFIED PROGRAMS	53,255	53,255
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	434,167	431,167

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
TOTAL OPERATION & MAINTENANCE, AIR FORCE			
		10,266,295	9,952,869
OPERATION & MAINTENANCE, AF RESERVE OPERATING FORCES			
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	52,323	52,323
060	BASE SUPPORT	6,200	6,200
	SUBTOTAL OPERATING FORCES	58,523	58,523
TOTAL OPERATION & MAINTENANCE, AF RESERVE			
		58,523	58,523
OPERATION & MAINTENANCE, ANG OPERATING FORCES			
020	MISSION SUPPORT OPERATIONS	3,468	3,468
060	BASE SUPPORT	11,932	11,932
	SUBTOTAL OPERATING FORCES	15,400	15,400
TOTAL OPERATION & MAINTENANCE, ANG			
		15,400	15,400
OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES			
010	JOINT CHIEFS OF STAFF	4,841	4,841
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES	3,305,234	3,236,404
	Realign European Reassurance Initiative to Base		[-95,970]
	Unfunded Requirement- Joint Task Force Platform Expansion		[6,300]
	Unfunded Requirement- Publicly Available Information (PAI) Capability Acceleration		[20,840]
	SUBTOTAL OPERATING FORCES	3,310,075	3,241,245
ADMIN & SRVWIDE ACTIVITIES			
110	DEFENSE CONTRACT AUDIT AGENCY	9,853	9,853
120	DEFENSE CONTRACT MANAGEMENT AGENCY	21,317	21,317
140	DEFENSE INFORMATION SYSTEMS AGENCY	64,137	64,137
160	DEFENSE LEGAL SERVICES AGENCY	115,000	115,000
180	DEFENSE MEDIA ACTIVITY	13,255	12,886
	Realign European Reassurance Initiative to Base		[-369]
200	DEFENSE SECURITY COOPERATION AGENCY	2,312,000	2,012,000
	Realign European Reassurance Initiative to Base		[-150,000]
	Transfer of funds to Ukraine Security Assistance		[-150,000]
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	31,000	31,000
300	OFFICE OF THE SECRETARY OF DEFENSE	34,715	34,715
320	WASHINGTON HEADQUARTERS SERVICES	3,179	3,179
325	CLASSIFIED PROGRAMS	1,797,549	1,742,229
	Realign European Reassurance Initiative to Base		[-55,320]
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	4,402,005	4,046,316
TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE			
		7,712,080	7,287,561
UKRAINE SECURITY ASSISTANCE			
UKRAINE SECURITY ASSISTANCE			
010	UKRAINE SECURITY ASSISTANCE		150,000
	Transfer from DSCA		[150,000]
	SUBTOTAL UKRAINE SECURITY ASSISTANCE		150,000
TOTAL UKRAINE SECURITY ASSISTANCE			
			150,000
TOTAL OPERATION & MAINTENANCE		48,037,028	45,929,178

1 **SEC. 4303. OPERATION AND MAINTENANCE FOR OVERSEAS**
 2 **CONTINGENCY OPERATIONS FOR BASE RE-**
 3 **QUIREMENTS.**

SEC. 4303. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
 (In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
OPERATION & MAINTENANCE, ARMY OPERATING FORCES			
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		629,047
	Demolition of excess facilities		[50,000]
	Restore restoration and modernization shortfalls		[154,500]
	Restore sustainment shortfalls		[424,547]
	SUBTOTAL OPERATING FORCES		629,047
	TOTAL OPERATION & MAINTENANCE, ARMY		629,047
OPERATION & MAINTENANCE, ARMY RES OPERATING FORCES			
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		82,619
	Demolition of excess facilities		[25,000]
	Restore restoration and modernization shortfalls		[12,300]
	Restore sustainment shortfalls		[45,319]
	SUBTOTAL OPERATING FORCES		82,619
	TOTAL OPERATION & MAINTENANCE, ARMY RES		82,619
OPERATION & MAINTENANCE, ARNG OPERATING FORCES			
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		173,900
	Demolition of excess facilities		[25,000]
	Restore restoration and modernization shortfalls		[35,200]
	Restore sustainment shortfalls		[113,700]
	SUBTOTAL OPERATING FORCES		173,900
	TOTAL OPERATION & MAINTENANCE, ARNG		173,900
OPERATION & MAINTENANCE, NAVY OPERATING FORCES			
310	SUSTAINMENT, RESTORATION AND MODERNIZATION		414,200
	Demolition of excess facilities		[50,000]
	Restore restoration and modernization shortfalls		[87,200]
	Restore sustainment shortfalls		[277,000]
	SUBTOTAL OPERATING FORCES		414,200
	TOTAL OPERATION & MAINTENANCE, NAVY		414,200
OPERATION & MAINTENANCE, MARINE CORPS OPERATING FORCES			
060	SUSTAINMENT, RESTORATION & MODERNIZATION		217,487
	Demolition of excess facilities		[50,000]
	Restore restoration and modernization shortfalls		[35,300]
	Restore sustainment shortfalls		[132,187]
	SUBTOTAL OPERATING FORCES		217,487
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS		217,487
OPERATION & MAINTENANCE, NAVY RES OPERATING FORCES			
110	SUSTAINMENT, RESTORATION AND MODERNIZATION		11,500
	Restore restoration and modernization shortfalls		[1,500]
	Restore sustainment shortfalls		[10,000]
	SUBTOTAL OPERATING FORCES		11,500

SEC. 4303. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
	TOTAL OPERATION & MAINTENANCE, NAVY RES		11,500
	OPERATION & MAINTENANCE, MC RESERVE		
	OPERATING FORCES		
030	SUSTAINMENT, RESTORATION AND MODERNIZATION		7,246
	Restore restoration and modernization shortfalls		[3,900]
	Restore sustainment shortfalls		[3,346]
	SUBTOTAL OPERATING FORCES		7,246
	TOTAL OPERATION & MAINTENANCE, MC RE-SERVE		7,246
	OPERATION & MAINTENANCE, AIR FORCE		
	OPERATING FORCES		
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		507,700
	Demolition of excess facilities		[50,000]
	Restore restoration and modernization shortfalls		[153,300]
	Restore sustainment shortfalls		[304,400]
	SUBTOTAL OPERATING FORCES		507,700
	TOTAL OPERATION & MAINTENANCE, AIR FORCE		507,700
	OPERATION & MAINTENANCE, AF RESERVE		
	OPERATING FORCES		
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		15,300
	Restore restoration and modernization shortfalls		[5,600]
	Restore sustainment shortfalls		[9,700]
	SUBTOTAL OPERATING FORCES		15,300
	TOTAL OPERATION & MAINTENANCE, AF RESERVE		15,300
	OPERATION & MAINTENANCE, ANG		
	OPERATING FORCES		
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		47,600
	Restore restoration and modernization shortfalls		[14,600]
	Restore sustainment shortfalls		[33,000]
	SUBTOTAL OPERATING FORCES		47,600
	TOTAL OPERATION & MAINTENANCE, ANG		47,600
	TOTAL OPERATION & MAINTENANCE		2,106,599

1 **TITLE XLIV—MILITARY**
2 **PERSONNEL**
3 **SEC. 4401. MILITARY PERSONNEL.**

SEC. 4401. MILITARY PERSONNEL
(In Thousands of Dollars)

Item	FY 2018 Request	House Authorized
Military Personnel Appropriations	133,881,636	134,066,025
Military Personnel Pay Raise		[206,400]
Realign European Reassurance Initiative to Base ...		[214,289]
Freeze BAH reduction for Military Housing Privatization Initiative		[125,000]
Historical unobligated balances		[-363,300]

SEC. 4401. MILITARY PERSONNEL
(In Thousands of Dollars)

Item	FY 2018 Request	House Authorized
Department of Defense State Partnership Program		[2,000]
Medicare-Eligible Retiree Health Fund Contributions	7,804,427	7,804,427
Total, Military Personnel	141,686,063	141,870,452

1 **SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**2 **GENCY OPERATIONS.**

SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Item	FY 2018 Request	House Authorized
Military Personnel Appropriations	4,276,276	4,061,987
Realign European Reassurance Initiative to Base		[-214,289]

3 **SEC. 4403. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**4 **GENCY OPERATIONS FOR BASE REQUIRE-**5 **MENTS.**

SEC. 4403. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS FOR
BASE REQUIREMENTS.
(In Thousands of Dollars)

Item	FY 2018 Request	House Authorized
Military Personnel Appropriations		1,017,700
Increase Active Army end strength by 10k		[829,400]
Increase Army National Guard end strength by 4k		[105,500]
Increase Army Reserve end strength by 3k		[82,800]
Medicare-Eligible Retiree Health Fund Contributions		44,140
Accrual payment associated with increased Army end strength		[44,140]
Total, Military Personnel		1,061,840

1 **TITLE XLV—OTHER**
 2 **AUTHORIZATIONS**

3 **SEC. 4501. OTHER AUTHORIZATIONS.**

SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)		
Item	FY 2018 Request	House Authorized
WORKING CAPITAL FUND, ARMY		
INDUSTRIAL OPERATIONS	43,140	43,140
SUPPLY MANAGEMENT—ARMY	40,636	90,747
Realign European Reassurance Initiative to Base		[50,111]
TOTAL WORKING CAPITAL FUND, ARMY	83,776	133,887
WORKING CAPITAL FUND, AIR FORCE		
SUPPLY MANAGEMENT	66,462	66,462
TOTAL WORKING CAPITAL FUND, AIR FORCE	66,462	66,462
WORKING CAPITAL FUND, DECA		
COMMISSARY OPERATIONS	1,389,340	1,344,340
Civilian Personnel Compensation and Benefits		[-20,000]
Commissary operations		[-25,000]
TOTAL WORKING CAPITAL FUND, DECA	1,389,340	1,344,340
WORKING CAPITAL FUND, DEFENSE-WIDE		
SUPPLY CHAIN MANAGEMENT—DEFENSE	47,018	47,018
TOTAL WORKING CAPITAL FUND, DEFENSE- WIDE	47,018	47,018
NATIONAL DEFENSE SEALIFT FUND		
LG MED SPD RO/RO MAINTENANCE	135,800	135,800
DOD MOBILIZATION ALTERATIONS	11,197	11,197
TAH MAINTENANCE	54,453	54,453
RESEARCH AND DEVELOPMENT	18,622	18,622
READY RESERVE FORCES	289,255	296,255
Strategic Sealift SLEP		[7,000]
TOTAL NATIONAL DEFENSE SEALIFT FUND	509,327	516,327
CHEM AGENTS & MUNITIONS DESTRUCTION		
CHEM DEMILITARIZATION—O&M	104,237	104,237
CHEM DEMILITARIZATION—RDT&E	839,414	839,414
CHEM DEMILITARIZATION—PROC	18,081	18,081
TOTAL CHEM AGENTS & MUNITIONS DE- STRUCTION	961,732	961,732
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVI- TIES, DEFENSE	674,001	691,001
Administrative Overhead		[-2,000]
SOUTHCOM ISR		[21,000]
Travel, Infrastructure, Support		[-2,000]
DRUG DEMAND REDUCTION PROGRAM	116,813	116,813
TOTAL DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF	790,814	807,814
OFFICE OF THE INSPECTOR GENERAL		
OPERATION AND MAINTENANCE	334,087	334,087
RDT&E	2,800	2,800
TOTAL OFFICE OF THE INSPECTOR GEN- ERAL	336,887	336,887

SEC. 4501. OTHER AUTHORIZATIONS
(In Thousands of Dollars)

Item	FY 2018 Request	House Authorized
DEFENSE HEALTH PROGRAM		
OPERATION & MAINTENANCE		
IN-HOUSE CARE	9,457,768	9,475,768
Maintenance of inpatient capabilities of OCONUS		
MTFs		[10,000]
Pre-mobilization health care under section 12304b		[8,000]
PRIVATE SECTOR CARE	15,317,732	15,317,732
CONSOLIDATED HEALTH SUPPORT	2,193,045	2,193,045
INFORMATION MANAGEMENT	1,803,733	1,803,733
MANAGEMENT ACTIVITIES	330,752	321,752
Program decrease		[-9,000]
EDUCATION AND TRAINING	737,730	737,730
BASE OPERATIONS/COMMUNICATIONS	2,255,163	2,255,163
RDT&E		
RESEARCH	9,796	9,796
EXPLORATORY DEVELOPMENT	64,881	64,881
ADVANCED DEVELOPMENT	246,268	276,268
Program increase for hypoxia research		[5,000]
Research of chronic traumatic encephalopathy		[25,000]
DEMONSTRATION/VALIDATION	99,039	99,039
ENGINEERING DEVELOPMENT	170,602	170,602
MANAGEMENT AND SUPPORT	69,191	69,191
CAPABILITIES ENHANCEMENT	13,438	13,438
PROCUREMENT		
INITIAL OUTFITTING	26,978	26,978
REPLACEMENT & MODERNIZATION	360,831	360,831
THEATER MEDICAL INFORMATION PROGRAM		
JOINT OPERATIONAL MEDICINE INFORMATION SYSTEM	8,326	8,326
DOD HEALTHCARE MANAGEMENT SYSTEM MODERNIZATION	499,193	499,193
UNDISTRIBUTED		
UNDISTRIBUTED		-149,600
Foreign Currency adjustments		[-15,500]
Historical unobligated balances		[-134,100]
TOTAL DEFENSE HEALTH PROGRAM	33,664,466	33,545,866
TOTAL OTHER AUTHORIZATIONS	37,849,822	37,760,333

1 **SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CON-**
2 **TINGENCY OPERATIONS.**

SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Item	FY 2018 Request	House Authorized
WORKING CAPITAL FUND, ARMY		
INDUSTRIAL OPERATIONS		
SUPPLY MANAGEMENT—ARMY	50,111	-50,111
Realign European Reassurance Initiative to Base		[-50,111]
TOTAL WORKING CAPITAL FUND, ARMY	50,111	-50,111
WORKING CAPITAL FUND, DEFENSE-WIDE		
ENERGY MANAGEMENT—DEFENSE	70,000	70,000
SUPPLY CHAIN MANAGEMENT—DEFENSE	28,845	28,845

SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Item	FY 2018 Request	House Authorized
TOTAL WORKING CAPITAL FUND, DEFENSE- WIDE	98,845	98,845
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	196,300	196,300
TOTAL DRUG INTERDICTION & CTR-DRUG AC- TIVITIES, DEF	196,300	196,300
OFFICE OF THE INSPECTOR GENERAL		
OPERATION AND MAINTENANCE	24,692	24,692
TOTAL OFFICE OF THE INSPECTOR GENERAL	24,692	24,692
DEFENSE HEALTH PROGRAM OPERATION & MAINTENANCE		
IN-HOUSE CARE	61,857	61,857
PRIVATE SECTOR CARE	331,968	331,968
CONSOLIDATED HEALTH SUPPORT	1,980	1,980
TOTAL DEFENSE HEALTH PROGRAM	395,805	395,805
TOTAL OTHER AUTHORIZATIONS	765,753	715,642

1 **TITLE XLVI—MILITARY**
2 **CONSTRUCTION**
3 **SEC. 4601. MILITARY CONSTRUCTION.**

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
	Alabama			
Army	Fort Rucker	Training Support Facility	38,000	38,000
	Arizona			
Army	Davis-Monthan AFB	General Instruction Building	22,000	22,000
Army	Fort Huachuca	Ground Transport Equipment Building	30,000	30,000
	California			
Army	Fort Irwin	Land Acquisition	3,000	3,000
	Colorado			
Army	Fort Carson	Ammunition Supply Point	21,000	21,000
Army	Fort Carson	Battlefield Weather Facility	8,300	8,300
	Florida			
Army	Eglin AFB	Multipurpose Range Complex	18,000	18,000
	Georgia			
Army	Fort Benning	Air Traffic Control Tower	0	10,800
Army	Fort Benning	Training Support Facility	28,000	28,000
Army	Fort Gordon	Access Control Point	33,000	33,000
Army	Fort Gordon	Automation-Aided Instructional Building	18,500	18,500
	Germany			
Army	Stuttgart	Commissary	40,000	40,000
Army	Wiesbaden	Administrative Building	43,000	43,000
	Hawaii			
Army	Fort Shafter	Command and Control Facility, Iner 3	90,000	90,000
	Indiana			
Army	Crane Army Ammuni- tion Plant	Shipping and Receiving Building	24,000	24,000
	Korea			
Army	Kunsan AB	Unmanned Aerial Vehicle Hangar	53,000	53,000
	New York			
Army	U.S. Military Academy	Cemetery	22,000	22,000
	South Carolina			
Army	Fort Jackson	Reception Barracks Complex, Ph1	60,000	60,000
Army	Shaw AFB	Mission Training Complex	25,000	25,000
	Texas			

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
Army	Camp Bullis	Vehicle Maintenance Shop	13,600	13,600
Army	Fort Hood	Vehicle Maintenance Shop	0	33,000
Army	Fort Hood, Texas	Battalion Headquarters Complex	37,000	37,000
Army	Turkey			
Army	Turkey Various	Forward Operating Site	6,400	0
Army	Virginia			
Army	Fort Belvoir	Secure Admin/Operations Facility, Iner 3	14,124	14,124
Army	Joint Base Langley-Eustis	Aircraft Maintenance Instructional Bldg	34,000	34,000
Army	Joint Base Myer-Henderson	Security Fence	20,000	20,000
Army	Washington			
Army	Joint Base Lewis-McChord	Confinement Facility	66,000	66,000
Army	Yakima	Fire Station	19,500	19,500
Army	Worldwide Unspecified			
Army	Unspecified Worldwide Locations	Host Nation Support	28,700	28,700
Army	Unspecified Worldwide Locations	Planning and Design	72,770	72,770
Army	Unspecified Worldwide Locations	Prior Year Savings: Unspecified Minor Construction, Army.	0	-10,000
Army	Unspecified Worldwide Locations	Unspecified Minor Construction	31,500	41,500
Military Construction, Army Total			920,394	957,794
Navy	Arizona			
Navy	Yuma	Enlisted Dining Facility & Community Bldgs	36,358	36,358
Navy	California			
Navy	Barstow	Combat Vehicle Repair Facility	36,539	36,539
Navy	Camp Pendleton	Ammunition Supply Point Upgrade	61,139	61,139
Navy	Coronado	Undersea Rescue Command Operations Building ...		36,000
Navy	Lemoore	F/A 18 Avionics Repair Facility Replacement	60,828	60,828
Navy	Miramar	Aircraft Maintenance Hangar (Inc 2)	39,600	39,600
Navy	Miramar	F-35 Simulator Facility	0	47,600
Navy	Twentynine Palms	Potable Water Treatment/Blending Facility	55,099	55,099
Navy	District of Columbia			
Navy	NSA Washington	Electronics Science and Technology Laboratory	37,882	37,882
Navy	NSA Washington	Washington Navy Yard AT/FP	60,000	14,810
Navy	Djibouti			
Navy	Camp Lemonnier	Aircraft Parking Apron Expansion	13,390	0
Navy	Florida			
Navy	Mayport	Advanced Wastewater Treatment Plant (AWWTP)	74,994	74,994
Navy	Mayport	Missile Magazines	9,824	9,824
Navy	Georgia			
Navy	Albany	Combat Vehicle Warehouse	0	43,300
Navy	Greece			
Navy	Souda Bay	Strategic Aircraft Parking Apron Expansion	22,045	22,045
Navy	Guam			
Navy	Joint Region Marianas	Aircraft Maintenance Hangar #2	75,233	75,233
Navy	Joint Region Marianas	Corrosion Control Hangar	66,747	66,747
Navy	Joint Region Marianas	MALS Facilities	49,431	49,431
Navy	Joint Region Marianas	Navy-Commercial Tie-in Hardening	37,180	37,180
Navy	Joint Region Marianas	Water Well Field	56,088	56,088
Navy	Hawaii			
Navy	Joint Base Pearl Harbor-Hickam	Sewer Lift Station & Relief Sewer Line	73,200	73,200
Navy	Kaneohe Bay	LHD Pad Conversions MV-22 Landing Pads	19,012	19,012
Navy	Wahiawa	Communications/Crypto Facility	65,864	65,864
Navy	Japan			
Navy	Iwakuni	KC-130J Enlisted Aircrew Trainer Facility	21,860	21,860
Navy	Maine			
Navy	Kittery	Paint, Blast, and Rubber Facility	61,692	61,692
Navy	North Carolina			
Navy	Camp Lejeune	Bachelor Enlisted Quarters	37,983	37,983
Navy	Camp Lejeune	Water Treatment Plant Replacement Hadnot Pt ...	65,784	65,784
Navy	Marine Corps Air Station Cherry Point	F-35B Vertical Lift Fan Test Facility	15,671	15,671
Navy	Virginia			
Navy	Dam Neck	ISR Operations Facility Expansion	29,262	29,262
Navy	Joint Expeditionary Base Little Creek—Story	ACU-4 Electrical Upgrades	2,596	2,596
Navy	Norfolk	Chambers Field Magazine Recap PH 1	34,665	34,665
Navy	Portsmouth	Ship Repair Training Facility	72,990	72,990
Navy	Yorktown	Bachelor Enlisted Quarters	36,358	36,358
Navy	Washington			

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Navy	Indian Island	Missile Magazines	44,440	44,440
	Worldwide Unspecified			
Navy	Unspecified Worldwide Locations	Planning and Design	219,069	219,069
Navy	Unspecified Worldwide Locations	Prior Year Savings: Unspecified Minor Construction.	0	-10,000
Navy	Unspecified Worldwide Locations	Unspecified Minor Construction	23,842	23,842
Military Construction, Navy Total			1,616,665	1,674,985
Alaska				
AF	Eielson AFB	F-35A ADAL Conventional Munitions Facility	2,500	2,500
AF	Eielson AFB	F-35A Age Facility / Fillstand	21,000	21,000
AF	Eielson AFB	F-35A Consolidated Munitions Admin Facility	27,000	27,000
AF	Eielson AFB	F-35A Extend Utiliduct to South Loop	48,000	48,000
AF	Eielson AFB	F-35A OSS/Weapons/Intel Facility	11,800	11,800
AF	Eielson AFB	F-35A R-11 Fuel Truck Shelter	9,600	9,600
AF	Eielson AFB	F-35A Satellite Dining Facility	8,000	8,000
AF	Eielson AFB	Repair Central Heat/Power Plant Boiler PH 4	41,000	41,000
Australia				
AF	Darwin	APR—Bulk Fuel Storage Tanks	76,000	76,000
California				
AF	Travis Air Force Base	KC-46A ADAL B14 Fuel Cell Hangar	0	1,400
AF	Travis Air Force Base	KC-46A Aircraft 3-Bay Maintenance Hangar	0	107,000
AF	Travis Air Force Base	KC-46A Alter B181/185/187 Squad Ops/AMU	0	6,400
AF	Travis Air Force Base	KC-46A Alter B811 Corrosion Control Hangar	0	7,700
Colorado				
AF	Buckley Air Force Base	SBIRS Operations Facility	38,000	38,000
AF	Fort Carson, Colorado	13 ASOS Expansion	13,000	13,000
AF	U.S. Air Force Academy	Air Force Cyberworx	30,000	30,000
Florida				
AF	Eglin AFB	F-35A Armament Research Fac Addition (B614)	8,700	8,700
AF	Eglin AFB	Long-Range Stand-Off Acquisition Fac	38,000	38,000
AF	Eglin AFB	Dormitories (288 RM)	0	44,000
AF	MacDill AFB	KC-135 Beddown OG/MXG HQ	8,100	8,100
AF	Tyndall AFB	Fire Station	0	17,000
Georgia				
AF	Robins AFB	Commercial Vehicle Visitor Control Facility	9,800	9,800
Italy				
AF	Aviano AB	Guardian Angel Operations Facility	27,325	0
Kansas				
AF	McConnell AFB	Combat Arms Facility	17,500	17,500
Mariana Islands				
AF	Tinian	APR Land Acquisition	12,900	12,900
Maryland				
AF	Joint Base Andrews	PAR Land Acquisition	17,500	17,500
AF	Joint Base Andrews	Presidential Aircraft Recap Complex	254,000	124,000
Massachusetts				
AF	Hanscom AFB	Vandenberg Gate Complex	11,400	11,400
Nevada				
AF	Nellis AFB	Red Flag 5th Gen Facility Addition	23,000	23,000
AF	Nellis AFB	Virtual Warfare Center Operations Facility	38,000	38,000
New Jersey				
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B1749 for ATGL & LST Servicing.	0	2,000
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B1816 for Supply	0	6,900
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B2319 for Boom Operator Trainer.	0	6,100
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B2324 Regional Mx Training Fac	0	18,000
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B3209 for Fuselage Trainer	0	3,300
AF	McGuire-Dix-Lakehurst	KC-46A Add to B1837 for Body Tanks Storage ...	0	2,300
AF	McGuire-Dix-Lakehurst	KC-46A Aerospace Ground Equipment Storage ...	0	4,100
AF	McGuire-Dix-Lakehurst	KC-46A Alter Apron & Fuel Hydrants	0	17,000
AF	McGuire-Dix-Lakehurst	KC-46A Alter Bldgs for Ops and TFI AMU-AMXS.	0	9,000
AF	McGuire-Dix-Lakehurst	KC-46A Alter Facilities for Maintenance	0	5,800
AF	McGuire-Dix-Lakehurst	KC-46A Two-Bay General Purpose Maintenance Hangar.	0	72,000

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	New Mexico			
AF	Cannon AFB	Dangerous Cargo Pad Relocate CATM	42,000	42,000
AF	Holloman AFB	RPA Fixed Ground Control Station Facility	4,250	4,250
AF	Kirtland Air Force Base	Fire Station	0	9,300
	North Dakota			
AF	Minot AFB	Indoor Firing Range	27,000	27,000
	Oklahoma			
AF	Altus AFB	KC-46A FTU Fuselage Trainer Phase 2	4,900	4,900
	Qatar			
AF	Al Udeid, Qatar	Consolidated Squadron Operations Facility	15,000	0
	Texas			
AF	Joint Base San Antonio	Air Traffic Control Tower	10,000	10,000
AF	Joint Base San Antonio	BMT Classrooms/Dining Facility 4	38,000	38,000
AF	Joint Base San Antonio	BMT Recruit Dormitory 7	90,130	90,130
AF	Joint Base San Antonio	Camp Bullis Dining Facility	18,500	18,500
	Turkey			
AF	Incirlik AB	Dormitory—216 PN	25,997	0
	United Kingdom			
AF	Royal Air Force Fairford	EIC RC-135 Infrastructure	2,150	2,150
AF	Royal Air Force Fairford	EIC RC-135 Intel and Squad Ops Facility	38,000	38,000
AF	Royal Air Force Fairford	EIC RC-135 Runway Overrun Reconfiguration	5,500	5,500
AF	Royal Air Force Lakenheath	Consolidated Corrosion Control Facility	20,000	20,000
AF	Royal Air Force Lakenheath	F-35A 6-Bay Hangar	24,000	24,000
AF	Royal Air Force Lakenheath	F-35A F-15 Parking	10,800	10,800
AF	Royal Air Force Lakenheath	F-35A Field Training Detachment Facility	12,492	12,492
AF	Royal Air Force Lakenheath	F-35A Flight Simulator Facility	22,000	22,000
AF	Royal Air Force Lakenheath	F-35A Infrastructure	6,700	6,700
AF	Royal Air Force Lakenheath	F-35A Squadron Operations and AMU	41,000	41,000
	Utah			
AF	Hill AFB	UTTR Consolidated Mission Control Center	28,000	28,000
	Worldwide			
AF	Unspecified Worldwide Locations	KC-46A Main Operating Base 4	269,000	0
	Worldwide Unspecified			
AF	Unspecified Worldwide Locations	Planning and Design	97,852	97,852
AF	Various Worldwide Locations	Unspecified Minor Construction	31,400	31,400
	Wyoming			
AF	F. E. Warren AFB	Consolidated HELO/TRF OPS/AMU and Alert Facility.	62,000	62,000
	Military Construction, Air Force Total		1,738,796	1,610,774
	California			
Def-Wide	Camp Pendleton	Ambulatory Care Center Replacement	26,400	26,400
Def-Wide	Camp Pendleton	SOF Marine Battalion Company/Team Facilities	9,958	9,958
Def-Wide	Camp Pendleton	SOF Motor Transport Facility Expansion	7,284	7,284
Def-Wide	Coronado	SOF Basic Training Command	96,077	96,077
Def-Wide	Coronado	SOF Logistics Support Unit One Ops Fac. #3	46,175	46,175
Def-Wide	Coronado	SOF Seal Team Ops Facility	66,218	66,218
Def-Wide	Coronado	SOF Seal Team Ops Facility	50,265	50,265
	Colorado			
Def-Wide	Schriever AFB	Ambulatory Care Center/Dental Add./Alt.	10,200	10,200
	CONUS Classified			
Def-Wide	Classified Location	Battalion Complex, PH 1	64,364	64,364
	Florida			
Def-Wide	Eglin AFB	SOF Simulator Facility	5,000	5,000
Def-Wide	Eglin AFB	Upgrade Open Storage Yard	4,100	4,100
Def-Wide	Hurlburt Field	SOF Combat Aircraft Parking Apron	34,700	34,700
Def-Wide	Hurlburt Field	SOF Simulator & Fuselage Trainer Facility	11,700	11,700
	Georgia			
Def-Wide	Fort Gordon	Blood Donor Center Replacement	10,350	10,350

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	Germany			
Def-Wide	Rhine Ordnance Barracks	Medical Center Replacement Iner 7	106,700	106,700
Def-Wide	Spangdahlem AB	Spangdahlem Elementary School Replacement	79,141	79,141
Def-Wide	Stuttgart	Robinson Barracks Elem. School Replacement	46,609	46,609
	Greece			
Def-Wide	Souda Bay	Construct Hydrant System	18,100	18,100
	Guam			
Def-Wide	Andersen AFB	Construct Truck Load & Unload Facility	23,900	23,900
	Hawaii			
Def-Wide	Kunua	NSAH Kunua Tunnel Entrance	5,000	5,000
	Italy			
Def-Wide	Sigonella	Construct Hydrant System	22,400	0
Def-Wide	Vicenza	Vicenza High School Replacement	62,406	62,406
	Japan			
Def-Wide	Iwakuni	Construct Bulk Storage Tanks PH 1	30,800	30,800
Def-Wide	Kadena AB	SOF Maintenance Hangar	3,972	3,972
Def-Wide	Kadena AB	SOF Special Tactics Operations Facility	27,573	27,573
Def-Wide	Okinawa	Replace Mooring System	11,900	11,900
Def-Wide	Sasebo	Upgrade Fuel Wharf	45,600	45,600
Def-Wide	Torri Commo Station	SOF Tactical Equipment Maintenance Fac	25,323	25,323
Def-Wide	Yokota AB	Airfield Apron	10,800	10,800
Def-Wide	Yokota AB	Hangar/Aircraft Maintenance Unit	12,034	12,034
Def-Wide	Yokota AB	Operations and Warehouse Facilities	8,590	8,590
Def-Wide	Yokota AB	Simulator Facility	2,189	2,189
	Maryland			
Def-Wide	Bethesda Naval Hospital	Medical Center Addition/Alteration Iner 2	123,800	123,800
Def-Wide	Fort Meade	NSAW Recapitalize Building #2 Iner 3	313,968	313,968
	Missouri			
Def-Wide	Fort Leonard Wood	Blood Processing Center Replacement	11,941	0
Def-Wide	Fort Leonard Wood	Hospital Replacement	250,000	150,000
Def-Wide	St Louis	Next NGA West (N2W) Complex	381,000	200,000
	New Mexico			
Def-Wide	Cannon AFB	SOF C-130 AGE Facility	8,228	8,228
	North Carolina			
Def-Wide	Camp Lejeune	Ambulatory Care Center Addition/Alteration	15,300	15,300
Def-Wide	Camp Lejeune	Ambulatory Care Center/Dental Clinic	21,400	21,400
Def-Wide	Camp Lejeune	Ambulatory Care Center/Dental Clinic	22,000	22,000
Def-Wide	Camp Lejeune	SOF Human Performance Training Center	10,800	10,800
Def-Wide	Camp Lejeune	SOF Motor Transport Maintenance Expansion	20,539	20,539
Def-Wide	Fort Bragg	SOF Human Performance Training Ctr	20,260	20,260
Def-Wide	Fort Bragg	SOF Support Battalion Admin Facility	13,518	13,518
Def-Wide	Fort Bragg	SOF Tactical Equipment Maintenance Facility	20,000	20,000
Def-Wide	Fort Bragg	SOF Telecomm Reliability Improvements	4,000	4,000
Def-Wide	Seymour Johnson AFB	Construct Tanker Truck Delivery System	20,000	20,000
	Puerto Rico			
Def-Wide	Punta Borinquen	Ramey Unit School Replacement	61,071	61,071
	South Carolina			
Def-Wide	Shaw AFB	Consolidate Fuel Facilities	22,900	22,900
	Texas			
Def-Wide	Fort Bliss	Blood Processing Center	8,300	0
Def-Wide	Fort Bliss	Hospital Replacement Iner 8	251,330	251,330
	United Kingdom			
Def-Wide	Menwith Hill Station	RAFMH Main Gate Rehabilitation	11,000	11,000
	Utah			
Def-Wide	Hill AFB	Replace POL Facilities	20,000	20,000
	Virginia			
Def-Wide	Joint Expeditionary Base Little Creek—Story	SOF SATEC Range Expansion	23,000	23,000
	Norfolk			
Def-Wide	Norfolk	Replace Hazardous Materials Warehouse	18,500	18,500
Def-Wide	Pentagon	Pentagon Corr 8 Pedestrian Access Control Pt	8,140	8,140
Def-Wide	Pentagon	S.E. Safety Traffic and Parking Improvements	28,700	28,700
Def-Wide	Pentagon	Security Updates	13,260	13,260
Def-Wide	Portsmouth	Replace Hazardous Materials Warehouse	22,500	22,500
	Worldwide Unspecified			
Def-Wide	Unspecified Worldwide Locations	Contingency Construction	10,000	0
Def-Wide	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	150,000	150,000
Def-Wide	Unspecified Worldwide Locations	ERCIP Design	10,000	10,000
Def-Wide	Unspecified Worldwide Locations	Exercise Related Minor Construction	11,490	11,490
Def-Wide	Unspecified Worldwide Locations	Planning & Design	23,012	23,012
Def-Wide	Unspecified Worldwide Locations	Planning & Design MDA East Coast Site	0	10,000

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Def-Wide	Unspecified Worldwide Locations	Planning and Design	26,147	26,147
Def-Wide	Unspecified Worldwide Locations	Planning and Design	39,746	39,746
Def-Wide	Unspecified Worldwide Locations	Planning and Design	1,942	1,942
Def-Wide	Unspecified Worldwide Locations	Planning and Design	1,150	1,150
Def-Wide	Unspecified Worldwide Locations	Planning and Design	40,220	40,220
Def-Wide	Unspecified Worldwide Locations	Planning and Design	20,000	20,000
Def-Wide	Unspecified Worldwide Locations	Planning and Design	13,500	13,500
Def-Wide	Unspecified Worldwide Locations	Prior Year Savings: Defense Wide Unspecified Minor Construction.	0	-27,440
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	3,000	3,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	7,384	7,384
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	3,000	3,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	3,000	3,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	8,000	8,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	2,039	2,039
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	10,000	10,000
Military Construction, Defense-Wide Total			3,114,913	2,763,832
Worldwide Unspecified				
NATO	NATO Security Investment Program	NATO Security Investment Program	154,000	177,932
NATO	NATO Security Investment Program	Prior Year Savings: NATO Security Investment Program.	0	-25,000
NATO Security Investment Program Total			154,000	152,932
Delaware				
Army NG	New Castle	Combined Support Maintenance Shop	36,000	36,000
Idaho				
Army NG	MTC Gowen	Enlisted Barracks Transient Training	0	9,000
Army NG	Orehard Training Area	Digital Air/Ground Integration Range	22,000	22,000
Maine				
Army NG	Presque Isle	National Guard Readiness Center	17,500	17,500
Maryland				
Army NG	Sykesville	National Guard Readiness Center	19,000	19,000
Minnesota				
Army NG	Arden Hills	National Guard Readiness Center	39,000	39,000
Missouri				
Army NG	Springfield	Aircraft Maintenance Center	0	32,000
New Mexico				
Army NG	Las Cruces	National Guard Readiness Center Addition	8,600	8,600
Virginia				
Army NG	Fort Belvoir	Readiness Center Add/Alt	0	15,000
Army NG	Fort Pickett	Training Aids Center	4,550	4,550
Washington				
Army NG	Turnwater	National Guard Readiness Center	31,000	31,000
Worldwide Unspecified				
Army NG	Unspecified Worldwide Locations	Planning and Design	16,271	16,271
Army NG	Unspecified Worldwide Locations	Unspecified Minor Construction	16,731	16,731
Military Construction, Army National Guard Total			210,652	266,652
California				
Army Res	Fallbrook	Army Reserve Center	36,000	36,000
Puerto Rico				
Army Res	Agnadilla	Army Reserve Center	12,400	12,400
Army Res	Fort Buchanan	Reserve Center	0	26,000
Washington				
Army Res	Lewis-McCord	Reserve Center	0	30,000
Wisconsin				
Army Res	Fort McCoy	AT/MOB Dining Facility--1428 PN	13,000	13,000

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Army Res	Worldwide Unspecified Unspecified Worldwide Locations	Planning and Design	6,887	6,887
Army Res	Unspecified Worldwide Locations	Unspecified Minor Construction	5,425	5,425
Military Construction, Army Reserve Total			73,712	129,712
N/MC Res	California Lemoore	Naval Operational Support Center Lemoore	17,330	17,330
N/MC Res	Georgia Fort Gordon	Naval Operational Support Center Fort Gordon	17,797	17,797
N/MC Res	New Jersey McGuire-Dix-Lakehurst	Aircraft Apron, Taxiway & Support Facilities	11,573	11,573
N/MC Res	Texas Fort Worth	KC130-J EACTS Facility	12,637	12,637
N/MC Res	Worldwide Unspecified Unspecified Worldwide Locations	Planning & Design	4,430	4,430
N/MC Res	Unspecified Worldwide Locations	Unspecified Minor Construction	1,504	1,504
Military Construction, Naval Reserve Total			65,271	65,271
Air NG	California March AFB	TFI Construct RPA Flight Training Unit	15,000	15,000
Air NG	Colorado Peterson AFB	Space Control Facility	8,000	8,000
Air NG	Connecticut Bradley IAP	Construct Base Entry Complex	7,000	7,000
Air NG	Indiana Fort Wayne International Airport	Add to Building 764 for Weapons Release	0	1,900
Air NG	Hulman Regional Airport	Construct Small Arms Range	0	8,000
Air NG	Kentucky Louisville IAP	Add/Alter Response Forces Facility	9,000	9,000
Air NG	Mississippi Jackson International Airport	Construct Small Arms Range	0	8,000
Air NG	Missouri Rosecrans Memorial Airport	Replace Communications Facility	10,000	10,000
Air NG	New York Hancock Field	Add to Flight Training Unit, Building 641	6,800	6,800
Air NG	Ohio Rickenbacker International Airport	Construct Small Arms Range	0	8,000
Air NG	Toledo Express Airport	NORTHCOM—Construct Alert Hangar	15,000	15,000
Air NG	Oklahoma Tulsa International Airport	Construct Small Arms Range	0	8,000
Air NG	Oregon Klamath Falls IAP	Construct Corrosion Control Hangar	10,500	10,500
Air NG	Klamath Falls IAP	Construct Indoor Range	8,000	8,000
Air NG	South Dakota Joe Foss Field	Aircraft Maintenance Shops	12,000	12,000
Air NG	Tennessee McGhee-Tyson Airport	Replace KC-135 Maintenance Hangar and Shops	25,000	25,000
Air NG	Wisconsin Dane County Regional Airport/Truax Field	Construct Small Arms Range	0	8,000
Air NG	Worldwide Unspecified Unspecified Worldwide Locations	Planning and Design	18,000	18,000
Air NG	Unspecified Worldwide Locations	Unspecified Minor Construction	17,191	17,191
Military Construction, Air National Guard Total			161,491	203,391
AF Res	Florida Patrick AFB	Guardian Angel Facility	25,000	25,000
AF Res	Georgia Robins Air Force Base	Consolidated Mission Complex Phase 2	0	32,000
AF Res	Guam Joint Region Marianas	Reserve Medical Training Facility	5,200	5,200
	Hawaii			

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AF Res	Joint Base Pearl Harbor-Hickam Massachusetts	Consolidated Training Facility	5,500	5,500
AF Res	Westover ARB Minnesota	Indoor Small Arms Range	10,000	10,000
AF Res	Minneapolis- St Paul IAP North Carolina	Indoor Small Arms Range	0	9,000
AF Res	Seymour Johnson AFB Texas	KC-46A ADAL for Alt Mission Storage	6,400	6,400
AF Res	NAS JRB Fort Worth Utah	Munitions Training/Admin Facility	0	3,100
AF Res	Hill AFB Worldwide Unspecified	Add/Alter Life Support Facility	3,100	3,100
AF Res	Unspecified Worldwide Locations	Planning & Design	4,725	4,725
AF Res	Unspecified Worldwide Locations	Unspecified Minor Construction	3,610	3,610
Military Construction, Air Force Reserve Total			63,535	107,635
Georgia				
FH Con Army	Fort Gordon	Family Housing New Construction	6,100	6,100
Germany				
FH Con Army	Baumholder	Construction Improvements	34,156	34,156
FH Con Army	South Camp Vilseck	Family Housing New Construction (36 Units)	22,445	22,445
Korea				
FH Con Army	Camp Humphreys Kwajalein	Family Housing New Construction Iner 2	34,402	34,402
FH Con Army	Kwajalein Atoll Massachusetts	Family Housing Replacement Construction	31,000	31,000
FH Con Army	Natick Worldwide Unspecified	Family Housing Replacement Construction	21,000	21,000
FH Con Army	Unspecified Worldwide Locations	Planning & Design	33,559	33,559
FH Con Army	Unspecified Worldwide Locations	Prior Year Savings: Family Housing Construction, Army.	0	-18,000
Family Housing Construction, Army Total			182,662	164,662
Worldwide Unspecified				
FH Ops Army	Unspecified Worldwide Locations	Furnishings	12,816	12,816
FH Ops Army	Unspecified Worldwide Locations	Housing Privatization Support	20,893	20,893
FH Ops Army	Unspecified Worldwide Locations	Leasing	148,538	148,538
FH Ops Army	Unspecified Worldwide Locations	Maintenance	57,708	57,708
FH Ops Army	Unspecified Worldwide Locations	Management	37,089	37,089
FH Ops Army	Unspecified Worldwide Locations	Miscellaneous	400	400
FH Ops Army	Unspecified Worldwide Locations	Services	8,930	8,930
FH Ops Army	Unspecified Worldwide Locations	Utilities	60,251	60,251
Family Housing Operation And Maintenance, Army Total			346,625	346,625
Bahrain Island				
FH Con Navy	SW Asia Mariana Islands	Construct on-Base GFOQ	2,138	2,138
FH Con Navy	Guam Worldwide Unspecified	Replace Andersen Housing PH II	40,875	40,875
FH Con Navy	Unspecified Worldwide Locations	Construction Improvements	36,251	36,251
FH Con Navy	Unspecified Worldwide Locations	Planning & Design	4,418	4,418
FH Con Navy	Unspecified Worldwide Locations	Prior Year Savings: Family Housing Construction, N/MC.	0	-8,000
Family Housing Construction, Navy And Marine Corps Total			83,682	75,682
Worldwide Unspecified				
FH Ops Navy	Unspecified Worldwide Locations	Furnishings	14,529	14,529
FH Ops Navy	Unspecified Worldwide Locations	Housing Privatization Support	27,587	27,587

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FH Ops Navy	Unspecified Worldwide Locations	Leasing	61,921	61,921
FH Ops Navy	Unspecified Worldwide Locations	Maintenance	95,104	95,104
FH Ops Navy	Unspecified Worldwide Locations	Management	50,989	50,989
FH Ops Navy	Unspecified Worldwide Locations	Miscellaneous	336	336
FH Ops Navy	Unspecified Worldwide Locations	Services	15,649	15,649
FH Ops Navy	Unspecified Worldwide Locations	Utilities	62,167	62,167
Family Housing Operation And Maintenance, Navy And Marine Corps Total			328,282	328,282
FH Con AF	Worldwide Unspecified Unspecified Worldwide Locations	Construction Improvements	80,617	80,617
FH Con AF	Unspecified Worldwide Locations	Planning & Design	4,445	4,445
FH Con AF	Unspecified Worldwide Locations	Prior Year Savings: Family Housing Construction	0	-20,000
Family Housing Construction, Air Force Total			85,062	65,062
FH Ops AF	Worldwide Unspecified Unspecified Worldwide Locations	Furnishings	29,424	29,424
FH Ops AF	Unspecified Worldwide Locations	Housing Privatization	21,569	21,569
FH Ops AF	Unspecified Worldwide Locations	Leasing	16,818	16,818
FH Ops AF	Unspecified Worldwide Locations	Maintenance	134,189	134,189
FH Ops AF	Unspecified Worldwide Locations	Management	53,464	53,464
FH Ops AF	Unspecified Worldwide Locations	Miscellaneous	1,839	1,839
FH Ops AF	Unspecified Worldwide Locations	Services	13,517	13,517
FH Ops AF	Unspecified Worldwide Locations	Utilities	47,504	47,504
Family Housing Operation And Maintenance, Air Force Total			318,324	318,324
FH Ops DW	Worldwide Unspecified Unspecified Worldwide Locations	Furnishings	407	407
FH Ops DW	Unspecified Worldwide Locations	Furnishings	641	641
FH Ops DW	Unspecified Worldwide Locations	Furnishings	6	6
FH Ops DW	Unspecified Worldwide Locations	Leasing	12,390	12,390
FH Ops DW	Unspecified Worldwide Locations	Leasing	39,716	39,716
FH Ops DW	Unspecified Worldwide Locations	Maintenance	567	567
FH Ops DW	Unspecified Worldwide Locations	Maintenance	655	655
FH Ops DW	Unspecified Worldwide Locations	Management	319	319
FH Ops DW	Unspecified Worldwide Locations	Services	14	14
FH Ops DW	Unspecified Worldwide Locations	Utilities	268	268
FH Ops DW	Unspecified Worldwide Locations	Utilities	4,100	4,100
FH Ops DW	Unspecified Worldwide Locations	Utilities	86	86
Family Housing Operation And Maintenance, Defense-Wide Total			59,169	59,169
FHIF	Worldwide Unspecified Unspecified Worldwide Locations	Administrative Expenses—FHIF	2,726	2,726

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
DOD Family Housing Improvement Fund Total			2,726	2,726
UHIF	Worldwide Unspecified Unaccompanied Housing Improvement Fund	Administrative Expenses—UHIF	623	623
Unaccompanied Housing Improvement Fund Total			623	623
BRAC	Worldwide Unspecified Base Realignment & Closure, Army	Base Realignment and Closure	58,000	58,000
Base Realignment and Closure—Army Total			58,000	58,000
BRAC	Worldwide Unspecified Base Realignment & Closure, Navy	Base Realignment & Closure	93,474	128,474
BRAC	Unspecified Worldwide Locations	DON-100: Planning, Design and Management	8,428	8,428
BRAC	Unspecified Worldwide Locations	DON-101: Various Locations	23,753	23,753
BRAC	Unspecified Worldwide Locations	DON-138: NAS Brunswick, ME	647	647
BRAC	Unspecified Worldwide Locations	DON-157: MCSA Kansas City, MO	40	40
BRAC	Unspecified Worldwide Locations	DON-172: NWS Seal Beach, Concord, CA	5,355	5,355
BRAC	Unspecified Worldwide Locations	DON-84: JRB Willow Grove & Cambria Reg AP ..	4,737	4,737
BRAC	Unspecified Worldwide Locations	Undistributed	7,210	7,210
Base Realignment and Closure—Navy Total			143,644	178,644
BRAC	Worldwide Unspecified Unspecified Worldwide Locations	DOD BRAC Activities—Air Force	54,223	54,223
Base Realignment and Closure—Air Force Total			54,223	54,223
Total, Military Construction			9,782,451	9,585,000

1 **SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CON-**
 2 **TINGENCY OPERATIONS.**

SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
Army	Cuba Guantanamo Bay	OCO: Barracks	115,000	115,000
Army	Turkey Various Locations	Forward Operating Site	0	6,400
Army	Worldwide Unspecified Unspecified Worldwide Locations	ERI: Planning and Design	15,700	15,700
Army	Unspecified Worldwide Locations	OCO: Planning and Design	9,000	9,000
Military Construction, Army Total			139,700	146,100
Navy	Djibouti Camp Lemonnier	Aircraft Parking Apron Expansion	0	13,390
Navy	Worldwide Unspecified Unspecified Worldwide Locations	ERI: Planning and Design	18,500	18,500
Military Construction, Navy Total			18,500	31,890
AF	Estonia Amari Air Base	ERI: POL Capacity Phase II	4,700	4,700
AF	Amari Air Base	ERI: Tactical Fighter Aircraft Parking Apron	9,200	9,200

SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
	Hungary			
AF	Keeskemet AB	ERI: Airfield Upgrades	12,900	0
AF	Keeskemet AB	ERI: Construct Parallel Taxiway	30,000	0
AF	Keeskemet AB	ERI: Increase POL Storage Capacity	12,500	0
	Iceland			
AF	Keflavik	ERI: Airfield Upgrades	14,400	14,400
	Italy			
AF	Aviano AB	Guardian Angel Operations Facility	0	27,325
	Jordan			
AF	Azraq	OCO: MSAB Development	143,000	143,000
	Latvia			
AF	Lielvarde Air Base	ERI: Expand Strategic Ramp Parking	3,850	3,850
	Luxembourg			
AF	Sanem	ERI: ECAOS Deployable Airbase System Storage	67,400	67,400
	Norway			
AF	Rygge	ERI: Replace/Expand Quick Reaction Alert Pad	10,300	0
	Qatar			
AF	Al Udeid	Consolidated Squadron Operations Facility	0	15,000
	Romania			
AF	Campia Turzii	ERI: Upgrade Utilities Infrastructure	2,950	2,950
	Slovakia			
AF	Malacky	ERI: Airfield Upgrades	4,000	0
AF	Malacky	ERI: Increase POL Storage Capacity	20,000	0
AF	Sliac Airport	ERI: Airfield Upgrades	22,000	0
	Turkey			
AF	Incirlik AB	Dormitory—216PN	0	25,997
AF	Incirlik AB	OCO: Relocate Base Main Access Control Point	14,600	14,600
AF	Incirlik AB	OCO: Replace Perimeter Fence	8,100	8,100
	Worldwide Unspecified			
AF	Unspecified Worldwide Locations	ERI: Planning and Design	56,630	56,630
AF	Unspecified Worldwide Locations	OCO—Planning and Design	41,500	41,500
	Military Construction, Air Force Total		478,030	434,652
	Italy			
Def-Wide	Signonella	Construct Hydrant System	0	22,400
	Worldwide Unspecified			
Def-Wide	Unspecified Worldwide Locations	ERI: Planning and Design	1,900	1,900
	Military Construction, Defense-Wide Total		1,900	24,300
	Total, Military Construction		638,130	636,942

1 **TITLE XLVII—DEPARTMENT OF**
 2 **ENERGY NATIONAL SECURITY**
 3 **PROGRAMS**
 4 **SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY**
 5 **PROGRAMS.**

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2018 Request	House Authorized
Discretionary Summary By Appropriation		
Energy And Water Development, And Related Agencies		
Appropriation Summary:		
Energy Programs		
Nuclear Energy	133,000	133,000
Atomic Energy Defense Activities		
National nuclear security administration:		
Weapons activities	10,239,344	10,423,544

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2018 Request	House Authorized
Defense nuclear nonproliferation	1,793,310	1,873,310
Naval reactors	1,479,751	1,479,751
Federal salaries and expenses	418,595	407,595
Total, National nuclear security administration	13,931,000	14,184,200
Environmental and other defense activities:		
Defense environmental cleanup	5,537,186	5,607,186
Other defense activities	815,512	818,512
Defense nuclear waste disposal	30,000	30,000
Total, Environmental & other defense activities	6,382,698	6,455,698
Total, Atomic Energy Defense Activities	20,313,698	20,639,898
Total, Discretionary Funding	20,446,698	20,772,898
Nuclear Energy		
Idaho sitewide safeguards and security	133,000	133,000
Total, Nuclear Energy	133,000	133,000
Weapons Activities		
Directed stockpile work		
Life extension programs		
B61 Life extension program	788,572	788,572
W76 Life extension program	224,134	224,134
W88 Alteration program	332,292	332,292
W80-4 Life extension program	399,090	399,090
Total, Life extension programs	1,744,088	1,744,088
Stockpile systems		
B61 Stockpile systems	59,729	59,729
W76 Stockpile systems	51,400	51,400
W78 Stockpile systems	60,100	60,100
W80 Stockpile systems	80,087	80,087
B83 Stockpile systems	35,762	35,762
W87 Stockpile systems	83,200	83,200
W88 Stockpile systems	131,576	131,576
Total, Stockpile systems	501,854	501,854
Weapons dismantlement and disposition		
Operations and maintenance	52,000	52,000
Stockpile services		
Production support	470,400	470,400
Research and development support	31,150	31,150
R&D certification and safety	196,840	196,840
Management, technology, and production	285,400	285,400
Total, Stockpile services	983,790	983,790
Strategic materials		
Uranium sustainment	20,579	20,579
Plutonium sustainment	210,367	210,367
Tritium sustainment	198,152	198,152
Domestic uranium enrichment	60,000	60,000
Strategic materials sustainment	206,196	206,196
Total, Strategic materials	695,294	695,294
Total, Directed stockpile work	3,977,026	3,977,026
Research, development, test and evaluation (RDT&E)		
Science		
Advanced certification	57,710	57,710
Primary assessment technologies	89,313	89,313
Dynamic materials properties	122,347	122,347
Advanced radiography	37,600	37,600
Secondary assessment technologies	76,833	74,833
Program decrease		[-2,000]
Academic alliances and partnerships	52,963	52,963
Enhanced Capabilities for Subcritical Experiments	50,755	50,755
Total, Science	487,521	485,521
Engineering		
Enhanced surety	39,717	39,717
Weapon systems engineering assessment technology	23,029	23,029

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2018 Request	House Authorized
Nuclear survivability	45,230	49,230
Program increase		[4,000]
Enhanced surveillance	45,147	45,147
Stockpile Responsiveness	40,000	40,000
Total, Engineering	193,123	197,123
Inertial confinement fusion ignition and high yield		
Ignition	79,575	76,575
Program decrease		[-3,000]
Support of other stockpile programs	23,565	23,565
Diagnostics, cryogenics and experimental support	77,915	77,915
Pulsed power inertial confinement fusion	7,596	7,596
Joint program in high energy density laboratory plasmas	9,492	9,492
Facility operations and target production	334,791	331,791
Program decrease		[-3,000]
Total, Inertial confinement fusion and high yield	532,934	526,934
Advanced simulation and computing		
Advanced simulation and computing	709,244	709,244
Construction:		
18-D-670, Exascale Class Computer Cooling Equipment, LNL	22,000	22,000
18-D-620, Exascale Computing Facility Modernization Project	3,000	3,000
Total, Construction	25,000	25,000
Total, Advanced simulation and computing	734,244	734,244
Advanced manufacturing		
Additive manufacturing	12,000	12,000
Component manufacturing development	38,644	38,644
Processing technology development	29,896	29,896
Total, Advanced manufacturing	80,540	80,540
Total, RDT&E	2,028,362	2,024,362
Infrastructure and operations (formerly RTBF)		
Operations of facilities	868,000	868,000
Safety and environmental operations	116,000	116,000
Maintenance and repair of facilities	360,000	395,000
Program increase to address high-priority preventative maintenance through FIRR		[35,000]
Recapitalization	427,342	542,342
Program increase to address high-priority deferred maintenance through FIRR		[115,000]
Construction:		
18-D-670, Material Staging Facility, PX	0	5,200
Project initiation		[5,200]
18-D-660, Fire Station, Y-12	28,000	28,000
18-D-650, Tritium Production Capability, SRS	6,800	6,800
17-D-640 U1a Complex Enhancements Project, NNSS	22,100	22,100
17-D-630 Expand Electrical Distribution System, LLNL	6,000	6,000
16-D-515 Albuquerque complex project	98,000	98,000
15-D-613 Emergency Operations Center, Y-12	7,000	7,000
07-D-220 Radioactive liquid waste treatment facility upgrade project, LANL	2,100	2,100
07-D-220-04 Transuranic liquid waste facility, LANL	17,895	17,895
06-D-141 Uranium processing facility Y-12, Oak Ridge, TN	663,000	663,000
04-D-125 Chemistry and metallurgy research facility replacement project, LANL	180,900	180,900
Total, Construction	1,031,795	1,036,995
Total, Infrastructure and operations	2,803,137	2,958,337
Secure transportation asset		
Operations and equipment	219,464	219,464
Program direction	105,600	105,600
Total, Secure transportation asset	325,064	325,064
Defense nuclear security		
Operations and maintenance	686,977	719,977

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2018 Request	House Authorized
Support to physical security infrastructure recapitalization and CSTART		[33,000]
Total, Defense nuclear security	686,977	719,977
Information technology and cybersecurity	186,728	186,728
Legacy contractor pensions	232,050	232,050
Total, Weapons Activities	10,239,344	10,423,544
Defense Nuclear Nonproliferation		
Defense Nuclear Nonproliferation Programs		
Global material security		
International nuclear security	46,339	46,339
Radiological security	146,340	146,340
Nuclear smuggling detection	144,429	139,429
Program decrease		[-5,000]
Total, Global material security	337,108	332,108
Material management and minimization		
HEU reactor conversion	125,500	125,500
Nuclear material removal	32,925	37,925
Acceleration of priority programs		[5,000]
Material disposition	173,669	173,669
Total, Material management & minimization	332,094	337,094
Nonproliferation and arms control	129,703	129,703
Defense nuclear nonproliferation R&D	446,095	451,095
Acceleration of low-yield detection experiments and 3D printing efforts		[5,000]
Nonproliferation Construction:		
18-D-150 Surplus Plutonium Disposition Project	9,000	9,000
99-D-143 Mixed Oxide (MOX) Fuel Fabrication Facility, SRS	270,000	340,000
Program increase		[70,000]
Total, Nonproliferation construction	279,000	349,000
Total, Defense Nuclear Nonproliferation Programs	1,524,000	1,599,000
Low Enriched Uranium R&D for Naval Reactors	0	5,000
Direct support to low-enriched uranium R&D for Naval Reactors		[5,000]
Legacy contractor pensions	40,950	40,950
Nuclear counterterrorism and incident response program	277,360	277,360
Resission of prior year balances	-49,000	-49,000
Total, Defense Nuclear Nonproliferation	1,793,310	1,873,310
Naval Reactors		
Naval reactors development	473,267	473,267
Columbia-Class reactor systems development	156,700	156,700
SSG Prototype refueling	190,000	190,000
Naval reactors operations and infrastructure	466,884	466,884
Construction:		
15-D-904 NRF Overpack Storage Expansion 3	13,700	13,700
15-D-903 KL Fire System Upgrade	15,000	15,000
14-D-901 Spent fuel handling recapitalization project, NRF	116,000	116,000
Total, Construction	144,700	144,700
Program direction	48,200	48,200
Total, Naval Reactors	1,479,751	1,479,751
Federal Salaries And Expenses		
Program direction	418,595	407,595
Program decrease to support maximum of 1,690 employees		[-11,000]
Total, Office Of The Administrator	418,595	407,595
Defense Environmental Cleanup		
Closure sites:		
Closure sites administration	4,889	4,889

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2018 Request	House Authorized
Hanford site:		
River corridor and other cleanup operations	58,692	93,692
Acceleration of priority programs		[35,000]
Central plateau remediation	637,879	645,879
Acceleration of priority programs		[8,000]
Richland community and regulatory support	5,121	5,121
Construction:		
18-D-404 WESF Modifications and Capsule Storage	6,500	6,500
15-D-401 Containerized sludge removal annex, RL	8,000	8,000
Total, Construction	14,500	14,500
Total, Hanford site	716,192	759,192
Idaho National Laboratory:		
SNF stabilization and disposition—2012	19,975	19,975
Solid waste stabilization and disposition	170,101	170,101
Radioactive liquid tank waste stabilization and disposition	111,352	111,352
Soil and water remediation—2035	44,727	44,727
Idaho community and regulatory support	4,071	4,071
Total, Idaho National Laboratory	350,226	350,226
NNSA sites		
Lawrence Livermore National Laboratory	1,175	1,175
Separations Process Research Unit	1,800	1,800
Nevada	60,136	60,136
Sandia National Laboratories	2,600	2,600
Los Alamos National Laboratory	191,629	191,629
Total, NNSA sites and Nevada off-sites	257,340	257,340
Oak Ridge Reservation:		
OR Nuclear facility D & D		
OR-0041—D&D - Y-12	29,369	29,369
OR-0042—D&D -ORNL	48,110	48,110
Construction:		
17-D-401 On-site waste disposal facility	5,000	5,000
14-D-403 Outfall 200 Mercury Treatment facility	17,100	17,100
Total, OR Nuclear facility D & D	82,479	82,479
U233 Disposition Program	33,784	33,784
OR cleanup and disposition	66,632	66,632
OR reservation community and regulatory support	4,605	4,605
OR Solid waste stabilization and disposition technology develop- ment	3,000	3,000
Total, Oak Ridge Reservation	207,600	207,600
Office of River Protection:		
Waste treatment and immobilization plant		
Construction:		
01-D-416 A-D WTP Subprojects A-D	655,000	655,000
01-D-416 E—Pretreatment Facility	35,000	35,000
Total, 01-D-416 Construction	690,000	690,000
WTP Commissioning	8,000	8,000
Total, Waste treatment and immobilization plant	698,000	698,000
Tank farm activities		
Rad liquid tank waste stabilization and disposition	713,311	713,311
Construction:		
15-D-409 Low activity waste pretreatment system, ORP	93,000	93,000
Total, Tank farm activities	806,311	806,311
Total, Office of River protection	1,504,311	1,504,311
Savannah River Sites:		
Nuclear Material Management	323,482	350,482
Acceleration of priority programs		[27,000]
Environmental Cleanup		
Environmental Cleanup	159,478	159,478
Construction:		
08-D-402, Emergency Operations Center	500	500
Total, Environmental Cleanup	159,978	159,978

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2018 Request	House Authorized
SR community and regulatory support	11,249	11,249
Radioactive liquid tank waste:		
Radioactive liquid tank waste stabilization and disposition	597,258	597,258
Construction:		
18-D-401, SDU #8/9	500	500
17-D-402—Saltstone Disposal Unit #7	40,000	40,000
05-D-405 Salt waste processing facility, Savannah River Site	150,000	150,000
Total, Construction	190,500	190,500
Total, Radioactive liquid tank waste	787,758	787,758
Total, Savannah River site	1,282,467	1,309,467
Waste Isolation Pilot Plant		
Operations and maintenance	206,617	206,617
Central characterization project	22,500	22,500
Transportation	21,854	21,854
Construction:		
15-D-411 Safety significant confinement ventilation system, WIPP	46,000	46,000
15-D-412 Exhaust shaft, WIPP	19,600	19,600
Total, Construction	65,600	65,600
Total, Waste Isolation Pilot Plant	316,571	316,571
Program direction	300,000	300,000
Program support	6,979	6,979
WCF Mission Related Activities	22,109	22,109
Minority Serving Institution Partnership	6,000	6,000
Safeguards and Security		
Oak Ridge Reservation	16,500	16,500
Paducah	14,049	14,049
Portsmouth	12,713	12,713
Richland/Hanford Site	75,600	75,600
Savannah River Site	142,314	142,314
Waste Isolation Pilot Project	5,200	5,200
West Valley	2,784	2,784
Total, Safeguards and Security	269,160	269,160
Cyber Security	43,342	43,342
Technology development	25,000	25,000
HQEF-0040—Excess Facilities	225,000	225,000
Total, Defense Environmental Cleanup	5,537,186	5,607,186
Other Defense Activities		
Environment, health, safety and security		
Environment, health, safety and security	130,693	130,693
Program direction	68,765	68,765
Total, Environment, Health, safety and security	199,458	199,458
Independent enterprise assessments		
Independent enterprise assessments	24,068	24,068
Program direction	50,863	50,863
Total, Independent enterprise assessments	74,931	74,931
Specialized security activities	237,912	240,912
Classified topic		[3,000]
Office of Legacy Management		
Legacy management	137,674	137,674
Program direction	16,932	16,932
Total, Office of Legacy Management	154,606	154,606
Defense-related activities		
Defense related administrative support		
Chief financial officer	48,484	48,484
Chief information officer	91,443	91,443
Project management oversight and assessments	3,073	3,073
Total, Defense related administrative support	143,000	143,000

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2018 Request	House Authorized
Office of hearings and appeals	5,605	5,605
Subtotal, Other defense activities	815,512	818,512
Total, Other Defense Activities	815,512	818,512
Defense Nuclear Waste Disposal		
Yucca mountain and interim storage	30,000	30,000
Total, Defense Nuclear Waste Disposal	30,000	30,000

Passed the House of Representatives July 14, 2017.

Attest: KAREN L. HAAS,
Clerk.

Calendar No. 175

115TH CONGRESS
1ST Session

H. R. 2810

AN ACT

To authorize appropriations for fiscal year 2018 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.

JULY 18, 2017

Received; read twice and placed on the calendar