

Calendar No. 165

115TH CONGRESS
1ST SESSION

S. 1519

[Report No. 115–125]

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.

IN THE SENATE OF THE UNITED STATES

JULY 10, 2017

Mr. MCCAIN, from the Committee on Armed Services, reported the following original bill; which was read twice and placed on the calendar

A BILL

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”.

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

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

5 (1) Division A—Department of Defense Au-
 6 thorizations.

7 (2) Division B—Military Construction Author-
 8 izations.

9 (3) Division C—Department of Energy Na-
 10 tional Security Authorizations and Other Authoriza-
 11 tions.

12 (4) Division D—Funding Tables.

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

Sec. 1. Short title.

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

Sec. 3. Congressional defense committees.

Sec. 4. Budgetary effects of this Act.

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

Subtitle A—Authorization of Appropriations

Sec. 101. Authorization of appropriations.

Subtitle B—Army Programs

Sec. 111. Transfer of excess High Mobility Multipurpose Wheeled Vehicles to
 foreign countries.

Sec. 112. Limitation on availability of funds for Army Air-Land Mobile Tactical
 Communications and Data Network, including Warfighter In-
 formation Network-Tactical (WIN-T).

Subtitle C—Navy Programs

Sec. 121. Multiyear procurement authority for Virginia class submarine pro-
 gram.

Sec. 122. Arleigh Burke class destroyers.

Sec. 123. Multiyear procurement authority for V-22 joint aircraft program.

- Sec. 124. Design and construction of amphibious ship replacement designated LX(R) or amphibious transport dock designated LPD-30.
- Sec. 125. Modification of cost limitation baseline for CVN-78 class aircraft carrier program.
- Sec. 126. Extension of limitation on use of sole-source shipbuilding contracts for certain vessels.

Subtitle D—Air Force Programs

- Sec. 131. Inventory requirement for Air Force fighter aircraft.
- Sec. 132. Comptroller General review of total force integration initiatives for reserve component rescue squadrons.

Subtitle E—Defense-wide, Joint, and Multiservice Matters

- Sec. 141. F-35 economic order quantity contracting authority.
- Sec. 142. Authority for Explosive Ordnance Disposal units to acquire new or emerging technologies and capabilities.

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

Subtitle A—Authorization of Appropriations

- Sec. 201. Authorization of appropriations.

Subtitle B—Program Requirements, Restrictions, and Limitations

- Sec. 211. Mechanisms for expedited access to technical talent and expertise at academic institutions to support Department of Defense missions.
- Sec. 212. Codification and enhancement of authorities to provide funds for defense laboratories for research and development of technologies for military missions.
- Sec. 213. Modification of laboratory quality enhancement program.
- Sec. 214. Prizes for advanced technology achievements.
- Sec. 215. Expansion of definition of competitive procedures to include competitive selection for award of research and development proposals.
- Sec. 216. Inclusion of modeling and simulation in test and evaluation activities for purposes of planning and budget certification.
- Sec. 217. Differentiation of research and development activities from service activities.
- Sec. 218. Designation of additional Department of Defense science and technology reinvention laboratories.
- Sec. 219. Department of Defense directed energy weapon system prototyping and demonstration program.
- Sec. 220. Authority for the Under Secretary of Defense for Research and Engineering to promote innovation in the Department of Defense.
- Sec. 221. Limitation on availability of funds for F-35 Joint Strike Fighter Follow-On Modernization.
- Sec. 222. Improvement of update process for populating mission data files used in advanced combat aircraft.

Subtitle C—Reports and Other Matters

- Sec. 231. Competitive acquisition plan for low probability of detection data link networks.

- Sec. 232. Clarification of selection dates for pilot program for the enhancement of the research, development, test, and evaluation centers of the Department of Defense.
- Sec. 233. Requirement for a plan to build a prototype for a new ground combat vehicle for the Army.
- Sec. 234. Plan for successfully fielding the Integrated Air and Missile Defense Battle Command System.
- Sec. 235. Sense of Congress on hypersonic weapons.

TITLE III—OPERATION AND MAINTENANCE

Subtitle A—Authorization of Appropriations

- Sec. 301. Authorization of appropriations.

Subtitle B—Logistics and Sustainment

- Sec. 311. Sentinel Landscapes Partnership.
- Sec. 312. Increased percentage of sustainment funds authorized for realignment to restoration and modernization at each installation.

Subtitle C—Reports

- Sec. 321. Plan for modernized, dedicated Department of the Navy adversary air training enterprise.

Subtitle D—Other Matters

- Sec. 331. Defense Siting Clearinghouse.
- Sec. 332. Temporary installation reutilization authority for arsenals, depots, and plants.
- Sec. 333. Pilot program for operation and maintenance budget presentation.
- Sec. 334. Servicewomen's commemorative partnerships.
- Sec. 335. Authority for agreements to reimburse States for costs of suppressing wildfires on State lands caused by Department of Defense activities under leases and other grants of access to State lands.
- Sec. 336. Repurposing and reuse of surplus Army firearms.
- Sec. 337. Department of the Navy marksmanship awards.

Subtitle E—Energy and Environment

- Sec. 341. Authority to carry out environmental restoration activities at National Guard and Reserve locations.
- Sec. 342. Special considerations for energy performance goals.
- Sec. 343. Centers for Disease Control study on health implications of per- and polyfluoroalkyl substances contamination in drinking water.
- Sec. 344. Environmental oversight and remediation at Red Hill Bulk Fuel Storage Facility.

TITLE IV—MILITARY PERSONNEL AUTHORIZATIONS

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- Sec. 401. End strengths for active forces.

Subtitle B—Reserve Forces

- Sec. 411. End strengths for Selected Reserve.
- Sec. 412. End strengths for Reserves on active duty in support of the reserves.

- Sec. 413. End strengths for military technicians (dual status).
- Sec. 414. Fiscal year 2018 limitation on number of non-dual status technicians.
- Sec. 415. Maximum number of reserve personnel authorized to be on active duty for operational support.
- Sec. 416. Number of members of the National Guard on full-time duty in support of the reserves within the National Guard Bureau.

Subtitle C—Authorization of Appropriations

- Sec. 421. Military personnel.

TITLE V—MILITARY PERSONNEL POLICY

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- Sec. 501. Clarification of baselines for authorized numbers of general and flag officers on active duty and in joint duty assignments.
- Sec. 502. Authority of promotion boards to recommend officers of particular merit be placed at the top of the promotion list.
- Sec. 503. Clarification to exception for removal of officers from list of officers recommended for promotion after 18 months without appointment.
- Sec. 504. Flexibility in promotion of officers to positions of Staff Judge Advocate to the Commandant of the Marine Corps and Deputy Judge Advocate General of the Navy.
- Sec. 505. Repeal of requirement for specification of number of officers who may be recommended for early retirement by a Selective Early Retirement Board.
- Sec. 506. Extension of service-in-grade waiver authority for voluntary retirement of certain general and flag officers for purposes of enhanced flexibility in officer personnel management.
- Sec. 507. Inclusion of Principal Military Deputy to the Assistant Secretary of the Army for Acquisition, Technology, and Logistics among officers subject to repeal of statutory specification of general officer grade.
- Sec. 508. Clarification of effect of repeal of statutory specification of general or flag officer grade for various positions in the Armed Forces.
- Sec. 509. Grandfathering of retired grade of Assistant Judge Advocates General of the Navy as of repeal of statutory specification of general and flag officers grades in the Armed Forces.
- Sec. 510. Service credit for cyberspace experience or advanced education upon original appointment as a commissioned officer.
- Sec. 510A. Authority for officers to opt-out of promotion board consideration.
- Sec. 510B. Reauthorization of authority to order retired members to active duty in high-demand, low-density assignments.

Subtitle B—Reserve Component Management

- Sec. 511. Consolidation of authorities to order members of the reserve components of the Armed Forces to perform duty.
- Sec. 512. Establishment of Office of Complex Investigations within the National Guard Bureau.

Subtitle C—General Service Authorities

- Sec. 516. Report on policies for regular and reserve officer career management.

- Sec. 517. Responsibility of Chiefs of Staff of the Armed Forces for standards and qualifications for military specialties within the Armed Forces.
- Sec. 518. Confidential review of characterization of terms of discharge of members of the Armed Forces who are survivors of sexual assault.
- Sec. 519. Improvements to certain authorities and procedures of discharge review boards.
- Sec. 520. Public availability of information related to disposition of claims regarding discharge or release of members of the Armed Forces when the claims involve sexual assault.

Subtitle D—Military Justice Matters

- Sec. 521. Revision to Manual for Courts-Martial with respect to dissemination of visual depictions of private areas or sexually explicit conduct without the consent of the person depicted.
- Sec. 522. Technical and conforming amendments in connection with reform of the Uniform Code of Military Justice.
- Sec. 523. Priority of review by Court of Appeals for the Armed Forces of decisions of Courts of Criminal Appeals on petitions for enforcement of victims' rights.
- Sec. 524. Assistance of defense counsel in additional post-trial matters for accused convicted by court-martial.
- Sec. 525. Enumeration of additional limitations on acceptance of plea agreements by military judges of general or special courts-martial.
- Sec. 526. Additional proceedings by Courts of Criminal Appeals by order of United States Court of Appeals for the Armed Forces.
- Sec. 527. Clarification of applicability and effective dates for statute of limitations amendments in connection with Uniform Code of Military Justice Reform.
- Sec. 528. Modification of year of initial review by Military Justice Review Panel of Uniform Code of Military Justice reform amendments.
- Sec. 529. Clarification of applicability of certain provisions of law to civilian judges of the United States Court of Military Commission Review.
- Sec. 530. Enhancement of effective prosecution and defense in courts-martial and related matters.
- Sec. 531. Court of Appeals for the Armed Forces jurisdiction to review interlocutory appeals of decisions on certain petitions for writs of mandamus.
- Sec. 532. Punitive article on wrongful broadcast or distribution of intimate visual images or visual images of sexually explicit conduct under the Uniform Code of Military Justice.

Subtitle E—Member Education, Training, Transition, and Resilience

- Sec. 541. Ready, Relevant Learning initiative of the Navy.
- Sec. 542. Element in preseparation counseling for members of the Armed Forces on assistance and support services for caregivers of certain veterans through the Department of Veterans Affairs.
- Sec. 543. Discharge in the Selected Reserve of the commissioned service obligation of military service academy graduates who participate in professional athletics.
- Sec. 544. Pilot programs on appointment in the excepted service in the Department of Defense of physically disqualified former cadets and midshipmen.

- Sec. 545. Limitation on availability of funds for attendance of Air Force enlisted personnel at Air Force officer professional military education in-residence courses.
- Sec. 546. Pilot program on integration of Department of Defense and non-Federal efforts for civilian employment of members of the Armed Forces following transition from active duty to civilian life.
- Sec. 547. Two-year extension of suicide prevention and resilience program for the National Guard and Reserves.
- Sec. 548. Sexual assault prevention and response training for all individuals enlisted in the Armed Forces under a delayed entry program.
- Sec. 549. Use of assistance under Department of Defense Tuition Assistance Program for non-traditional education to develop cybersecurity and computer coding skills.

Subtitle F—Defense Dependents' Education and Military Family Readiness Matters

PART I—DEFENSE DEPENDENTS' EDUCATION MATTERS

- Sec. 551. Impact aid for children with severe disabilities.
- Sec. 552. Continuation of authority to assist local educational agencies that benefit dependents of members of the Armed Forces and Department of Defense civilian employees.
- Sec. 553. One-year extension of authorities relating to the transition and support of military dependent students to local educational agencies.

PART II—MILITARY FAMILY READINESS MATTERS

- Sec. 556. 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.
- Sec. 557. Direct hire authority for Department of Defense for childcare services providers for Department child development centers.
- Sec. 558. Report on expanding and contracting for childcare services of the Department of Defense.
- Sec. 559. Report on review of General Schedule pay grades of childcare services providers of the Department of Defense.
- Sec. 560. Pilot program on public-private partnerships for telework facilities on military installations outside the United States.
- Sec. 561. Report on mechanisms to facilitate the obtaining by military spouses of professional licenses or credentials in other States.
- Sec. 562. Additional military childcare matters.

Subtitle G—Decorations and Awards

- Sec. 571. Authority of Secretary of the Army to award the Personnel Protection Equipment award of the Army to former members of the Army.
- Sec. 572. Authorization for award of Distinguished Service Cross to Specialist Frank M. Crary for acts of valor in Vietnam.

Subtitle H—Other Matters

- Sec. 581. Modification of submittal date of Comptroller General of the United States report on integrity of the Department of Defense whistleblower program.

Sec. 582. Report to Congress on accompanied and unaccompanied tours of duty in remote locations with high family support costs.

TITLE VI—COMPENSATION AND OTHER PERSONNEL BENEFITS

Subtitle A—Pay and Allowances

- Sec. 601. Fiscal year 2018 increase in military basic pay.
 Sec. 602. Extension of authority to provide temporary increase in rates of basic allowance for housing under certain circumstances.
 Sec. 603. Adjustment to basic allowance for housing at with dependents rate of certain members of the uniformed services.
 Sec. 604. Modification of authority of President to determine alternative pay adjustment in annual basic pay of members of the uniformed services.

Subtitle B—Bonuses and Special and Incentive Pays

- Sec. 611. One-year extension of certain bonus and special pay authorities for reserve forces.
 Sec. 612. One-year extension of certain bonus and special pay authorities for health care professionals.
 Sec. 613. One-year extension of special pay and bonus authorities for nuclear officers.
 Sec. 614. One-year extension of authorities relating to title 37 consolidated special pay, incentive pay, and bonus authorities.
 Sec. 615. One-year extension of authorities relating to payment of other title 37 bonuses and special pays.
 Sec. 616. Aviation bonus matters.
 Sec. 617. Special aviation incentive pay and bonus authorities for enlisted members who pilot remotely piloted aircraft.
 Sec. 618. Technical and conforming amendments relating to 2008 consolidation of special pay authorities.

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PART I—AMENDMENTS IN CONNECTION WITH RETIRED PAY REFORM

- Sec. 631. Adjustments to Survivor Benefit Plan for members electing lump sum payments of retired pay under the modernized retirement system for members of the uniformed services.
 Sec. 632. Technical correction regarding election to participate in modernized retirement system for reserve component members experiencing a break in service.

PART II—OTHER MATTERS

- Sec. 636. Authority for the Secretaries of the military departments to provide for care of remains of those who die on active duty and are interred in a foreign cemetery.
 Sec. 637. Technical corrections to use of member's current pay grade and years of service in a division of property involving disposable retired pay.
 Sec. 638. Permanent extension and cost-of-living adjustments of special survivor indemnity allowances under the Survivor Benefit Plan.

Subtitle D—Other Matters

- Sec. 651. Construction of domestic source requirement for footwear furnished to enlisted members of the Armed Forces on initial entry into the Armed Forces.
- Sec. 652. Inclusion of Department of Agriculture in Transition Assistance Program.
- Sec. 653. Review and update of regulations governing debt collectors interactions with unit commanders.

TITLE VII—HEALTH CARE PROVISIONS

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- Sec. 701. TRICARE Advantage demonstration program.
- Sec. 702. Continued access to medical care at facilities of the uniformed services for certain members of the reserve components.
- Sec. 703. Modification of eligibility for TRICARE Reserve Select and TRICARE Retired Reserve of certain members of the reserve components.
- Sec. 704. Expedited evaluation and treatment for prenatal surgery under the TRICARE program.
- Sec. 705. Specification that individuals under the age of 21 are eligible for hospice care services under the TRICARE program.
- Sec. 706. Modifications of cost-sharing requirements for the TRICARE Pharmacy Benefits Program and treatment of certain pharmaceutical agents.
- Sec. 707. Consolidation of cost-sharing requirements under TRICARE Select and TRICARE Prime.
- Sec. 708. TRICARE technical amendments.
- Sec. 709. Contraception coverage parity under the TRICARE program.

Subtitle B—Health Care Administration

- Sec. 721. Modification of priority for evaluation and treatment of individuals at military treatment facilities.
- Sec. 722. Selection of directors of military treatment facilities and tours of duty of such directors.
- Sec. 723. Clarification of administration of military medical treatment facilities.
- Sec. 724. Modification of execution of TRICARE contracting responsibilities.
- Sec. 725. Pilot program on establishment of integrated health care delivery systems.

Subtitle C—Reports and Other Matters

- Sec. 731. Extension of authority for Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund.
- Sec. 732. Additional emergency uses for medical products to reduce deaths and severity of injuries caused by agents of war.
- Sec. 733. Prohibition on conduct of certain medical research and development projects.
- Sec. 734. Modification of determination of average wait times at urgent care clinics and pharmacies at military medical treatment facilities under pilot program.
- Sec. 735. Report on plan to improve pediatric care and related services for children of members of the Armed Forces.
- Sec. 736. Inclusion of gambling disorder in health assessments and related research efforts of the Department of Defense.

TITLE VIII—ACQUISITION POLICY, ACQUISITION MANAGEMENT,
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- Sec. 801. Repeal of temporary suspension of public-private competitions for conversion of Department of Defense functions to performance by contractors.
- Sec. 802. Technical and conforming amendments related to program management provisions.
- Sec. 803. Should-cost management.
- Sec. 804. Clarification of purpose of Defense acquisition.
- Sec. 805. Defense policy advisory committee on technology.
- Sec. 806. Report on extension of development, acquisition, and sustainment authorities of the military departments to the United States Special Operations Command.

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- Sec. 811. Waiver authority for purposes of expanding competition.
- Sec. 812. Increased simplified acquisition threshold applicable to Department of Defense procurements.
- Sec. 813. Increased threshold for cost or pricing data and truth in negotiations requirements.
- Sec. 814. Contract authority for advanced development of initial or additional prototype units.
- Sec. 815. Treatment of independent research and development costs on certain contracts.
- Sec. 816. Non-traditional contractor definition.
- Sec. 817. Repeal of domestic source restriction related to wearable electronics.
- Sec. 818. Use of outcome-based and performance-based requirements for services contracts.
- Sec. 819. Pilot program for longer term multiyear service contracts.
- Sec. 820. Identification of commercial services.
- Sec. 821. Government Accountability Office bid protest reforms.
- Sec. 822. Enhanced post-award debriefing rights.
- Sec. 823. Limitation on unilateral definitization.
- Sec. 824. Restriction on use of reverse auctions and lowest price technically acceptable contracting methods for safety equipment.
- Sec. 825. Use of lowest price technically acceptable source selection process.
- Sec. 826. Middle tier of acquisition for rapid prototype and rapid fielding.
- Sec. 827. Elimination of cost underruns as factor in calculation of penalties for cost overruns.
- Sec. 828. Contract closeout authority.
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- Sec. 830. Department of Defense contractor workplace safety and accountability.
- Sec. 831. Department of Defense promotion of contractor compliance with existing law.

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- Sec. 835. Revisions to definition of major defense acquisition program.
- Sec. 836. Prohibition on use of lowest price technically acceptable source selection process for major defense acquisition programs.

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- Sec. 841. Training in commercial items procurement.
- Sec. 842. Modification of definition of acquisition workforce to include personnel engaged in the acquisition or development of cybersecurity systems.
- Sec. 843. Training and support for programs pursuing agile acquisition methods.
- Sec. 844. Credits to Department of Defense Acquisition Workforce Development Fund.

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- Sec. 851. Modification to definition of commercial items.
- Sec. 852. Revision to definition of commercial item.
- Sec. 853. Commercial item determinations.
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- Sec. 855. Inapplicable laws and regulations.

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- Sec. 861. Review regarding applicability of foreign ownership, control, or influence requirements of National Security Industrial Program to national technology and industrial base companies.
- Sec. 862. Pilot program on strengthening manufacturing in defense industrial base.
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- Sec. 865. Procurement exception relating to agreements with foreign governments.
- Sec. 866. Applicability of cost and pricing data certification requirements.
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- Sec. 872. Education and training for transactions other than contracts and grants.
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- Sec. 874. Methods for entering into research agreements.

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- Sec. 881. Rights in technical data.
- Sec. 882. Defense Innovation Board analysis of software acquisition regulations.
- Sec. 883. Pilot to tailor software-intensive major programs to use agile methods.
- Sec. 884. Review and realignment of defense business systems to emphasize agile methods.
- Sec. 885. Software development pilot using agile best practices.
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Subtitle J—Other Matters

- Sec. 891. Improved transparency and oversight over Department of Defense research, development, test, and evaluation efforts and procurement activities related to medical research.
- Sec. 892. Rights in technical data related to medical research.
- Sec. 893. Oversight, audit, and certification from the Defense Contract Audit Agency for procurement activities related to medical research.
- Sec. 894. Requirements for Defense Contract Audit Agency report.
- Sec. 895. Prototype projects to digitize defense acquisition regulations, policies, and guidance, and empower user tailoring of acquisition process.
- Sec. 896. Pilot program for adoption of acquisition strategy for Defense Base Act insurance.
- Sec. 897. Phase III awards.
- Sec. 898. Pilot program for streamlined technology transition from the SBIR and STTR programs of the Department of Defense.
- Sec. 899. Annual report on limitation of subcontractor intellectual property rights.
- Sec. 899A. Extension from 20 to 30 years of maximum total period for Department of Defense contracts for storage, handling, or distribution of liquid fuels and natural gas.
- Sec. 899B. Exception for Department of Defense contracts from requirement that business operations conducted under government contracts accept and dispense \$1 coins.
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TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND MANAGEMENT

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- Sec. 901. Chief Management Officer of the Department of Defense.
- Sec. 902. Realignment of responsibilities, duties, and powers of Chief Information Officer of the Department of Defense.
- Sec. 903. Clarification of authority of Under Secretary of Defense for Acquisition and Sustainment with respect to service acquisition programs for which the service acquisition executive is the milestone decision authority.
- Sec. 904. Executive Schedule matters relating to Under Secretary of Defense for Acquisition and Sustainment.
- Sec. 905. Technical amendment.
- Sec. 906. Redesignation of Under Secretary of Defense for Personnel and Readiness as Under Secretary of Defense for Personnel and Health.
- Sec. 907. Qualifications for appointment and additional duties and powers of certain officials within the Office of the Under Secretary of Defense (Comptroller).
- Sec. 908. Five-year period of relief from active duty as a commissioned officer of a regular component of the Armed Forces for appointment to Under Secretary of Defense positions.
- Sec. 909. Redesignation of Principal Deputy Under Secretaries of Defense as Deputy Under Secretaries of Defense and related matters.
- Sec. 910. Reduction of number and elimination of specific designations of Assistant Secretaries of Defense.
- Sec. 911. Limitation on maximum number of Deputy Assistant Secretaries of Defense.

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Sec. 921. Reduction in authorized number of Assistant Secretaries of the military departments.

Sec. 922. Qualifications for appointment of Assistant Secretaries of the military departments for financial management.

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Sec. 931. Reduction in limitation on number of Department of Defense SES positions.

Sec. 932. Manner of carrying out reductions in major Department of Defense headquarters activities.

Sec. 933. Certifications on cost savings achieved by reductions in major Department of Defense headquarters activities.

Sec. 934. Direct hire authority for the Department of Defense for personnel to assist in business transformation and management innovation.

Sec. 935. Data analytics capability for support of enhanced oversight and management of the Defense Agencies and Department of Defense Field Activities.

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Sec. 938. Background and security investigations for Department of Defense personnel.

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Sec. 1003. Certifications on audit readiness of the Department of Defense and the military departments, Defense Agencies, and other organizations and elements of the Department of Defense.

Sec. 1004. Failure to obtain audit opinion on fiscal year full financial statements of the Department of Defense.

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Sec. 1006. Financial operations dashboard for the Department of Defense.

Sec. 1007. Comptroller General of the United States recommendations on audit capabilities and infrastructure and related matters.

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Sec. 1032. Extension of prohibition on use of funds to construct or modify facilities in the United States to house detainees transferred from United States Naval Station, Guantanamo Bay, Cuba.

Sec. 1033. Extension of prohibition on use of funds for transfer or release to certain countries of individuals detained at United States Naval Station, Guantanamo Bay, Cuba.

Sec. 1034. Extension of prohibition on use of funds for realignment of forces at or closure of United States Naval Station, Guantanamo Bay, Cuba.

Sec. 1035. Authority to transfer individuals detained at United States Naval Station, Guantanamo Bay, Cuba, to the United States temporarily for emergency or critical medical treatment.

Subtitle E—Miscellaneous Authorities and Limitations

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Sec. 1042. Department of Defense integration of information operations and cyber-enabled information operations.

Sec. 1043. Prohibition on lobbying activities with respect to the Department of Defense by certain officers of the Armed Forces and civilian employees of the Department within two years of separation from military service or employment with the Department.

Sec. 1044. Definition of “unmanned aerial vehicle” for purposes of title 10, United States Code.

Sec. 1045. Technical amendment relating to management of military technicians.

Sec. 1046. Extension of prohibition on use of funds for retirement of legacy maritime mine countermeasure platforms.

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- Sec. 1063. Report on Army plan to improve operational unit readiness by reducing number of non-deployable soldiers assigned to operational units.
- Sec. 1064. Efforts to combat physiological episodes on certain Navy aircraft.
- Sec. 1065. Studies on aircraft inventories for the Air Force.
- Sec. 1066. Plan and recommendations for interagency vetting of foreign investments with potential impacts on national defense and national security.
- Sec. 1067. Report on authorities for the employment, use, and status of National Guard and Reserve technicians.
- Sec. 1068. Conforming repeals and technical amendments in connection with reports of the Department of Defense whose submittal to Congress has previously been terminated by law.
- Sec. 1069. Annual reports on approval of employment or compensation of retired general or flag officers by foreign governments for Emoluments Clause purposes.
- Sec. 1070. Annual report on civilian casualties in connection with United States military operations.
- Sec. 1071. Report on large-scale, joint exercises involving the air and land domains.
- Sec. 1072. Department of Defense review of Navy capabilities in the Arctic region.
- Sec. 1073. Business case analysis on establishment of active duty association and additional primary aircraft authorizations for the 168th Air Refueling Wing.
- Sec. 1074. Report on Navy capacity to increase production of anti-submarine warfare and search and rescue rotary wing aircraft in light of increase in the size of the surface fleet to 355 ships.

Subtitle G—Other Matters

- Sec. 1081. Protection against misuse of Naval Special Warfare Command insignia.
- Sec. 1082. Collaborations between the Armed Forces and certain non-Federal entities on support of Armed Forces missions abroad.
- Sec. 1083. Federal charter for Spirit of America.
- Sec. 1084. Reconsideration of claims for disability compensation for veterans who were the subjects of mustard gas or lewisite experiments during World War II.
- Sec. 1085. Prize competition to identify root cause of physiological episodes on Navy, Marine Corps, and Air Force training and operational aircraft.
- Sec. 1086. Exception to the interdepartmental waiver doctrine for cleanup of vehicle crashes.
- Sec. 1087. Transfer of surplus firearms to Corporation for the Promotion of Rifle Practice and Firearms Safety.

TITLE XI—CIVILIAN PERSONNEL MATTERS

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- Sec. 1101. Pilot program on enhanced personnel management system for cybersecurity and legal professionals in the Department of Defense.

- Sec. 1102. Inclusion of Strategic Capabilities Office and Defense Innovation Unit Experimental of the Department of Defense in personnel management authority to attract experts in science and engineering.
- Sec. 1103. Permanent authority for demonstration projects relating to acquisition personnel management policies and procedures.
- Sec. 1104. Establishment of senior scientific technical managers at Major Range and Test Facility Base facilities and Defense Test Resource Management Center.
- Sec. 1105. Extension of temporary direct hire authority for domestic defense industrial base facilities and the major range and test facilities base.
- Sec. 1106. Direct hire authority for financial management experts in the Department of Defense workforce.
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- Sec. 1111. Elimination of foreign exemption provision in regard to overtime for Federal civilian employees temporarily assigned to a foreign area.
- Sec. 1112. One-year extension of authority to waive annual limitation on premium pay and aggregate limitation on pay for Federal civilian employees working overseas.
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TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

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- Sec. 1201. Support of special operations for irregular warfare.
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- Sec. 1203. Modifications of certain authority in connection with reform of defense security cooperation programs and activities.
- Sec. 1204. Global Security Contingency Fund matters.
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- Sec. 1211. Extension of Commanders' Emergency Response Program and related authorities.
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- Sec. 1213. Extension and modification of authority for reimbursement of certain coalition nations for support provided to United States military operations.
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- Sec. 1216. Sense of Congress regarding the Afghan special immigrant visa program.
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- Sec. 1232. Modification of authority to provide assistance to the vetted Syrian opposition.
- Sec. 1233. Extension and modification of authority to support operations and activities of the Office of Security Cooperation in Iraq.
- Sec. 1234. Modification and additional elements in annual report on the military power of Iran.

Subtitle D—Matters Relating to the Russian Federation

- Sec. 1241. Extension of limitation on military cooperation between the United States and the Russian Federation.
- Sec. 1242. Extension of limitation on availability of funds relating to activities to recognize the sovereignty of the Russian Federation over Crimea.
- Sec. 1243. Extension of Ukraine Security Assistance Initiative.
- Sec. 1244. Extension of authority on training for Eastern European national security forces in the course of multilateral exercises.
- Sec. 1245. Security assistance for Baltic nations for joint program for resiliency and deterrence against aggression.
- Sec. 1246. Annual report on military and security developments involving the Russian Federation.
- Sec. 1247. Annual report on attempts of the Russian Federation to provide disinformation and propaganda to members of the Armed Forces by social media.
- Sec. 1248. Support of European Deterrence Initiative to deter Russian aggression.
- Sec. 1249. Sense of Congress on the European Deterrence Initiative.
- Sec. 1250. Enhancement of Ukraine Security Assistance Initiative.
- Sec. 1251. Sense of Congress on the importance of the North Atlantic Treaty Organization Intelligence Fusion Center.

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- Sec. 1262. Expansion of military-to-military engagement with the Government of Burma.
- Sec. 1263. Agreement supplemental to Compact of Free Association with Palau.
- Sec. 1264. Workforce issues for relocation of Marines to Guam.
- Sec. 1265. United States policy with respect to freedom of navigation operations and overflight beyond the territorial seas.
- Sec. 1266. Sense of Congress on the importance of the rule of law in the South China Sea.
- Sec. 1267. Sense of Congress on the importance of the relationship between the United States and Japan.
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- Sec. 1269. Sense of Congress on extended deterrence for the Korean Peninsula and Japan.
- Sec. 1270. Defense partnership between the United States and Taiwan.
- Sec. 1270A. Naval port of call exchanges between the United States and Taiwan.
- Sec. 1270B. Program to enhance the undersea warfare capabilities of Taiwan.
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- Sec. 1271. Submittal of Department of Defense Supplemental and Cost of War Execution reports on quarterly basis.
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Subtitle G—Other Matters

- Sec. 1281. Modification of availability of funds in Special Defense Acquisition Fund for precision guided munitions.
- Sec. 1282. Use of funds in the United States for certain United States-Israel anti-tunnel cooperation activities.
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- Sec. 1401. Working capital funds.
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- Sec. 1431. Authorization of appropriations for Armed Forces Retirement Home.
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- Sec. 1441. Authority for transfer of funds to Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund for Captain James A. Lovell Health Care Center, Illinois.
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- Sec. 1501. Purpose.
- Sec. 1502. Overseas contingency operations.
- Sec. 1503. Procurement.
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- Sec. 1508. Drug Interdiction and Counter-Drug Activities, Defense-wide.
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- Sec. 1521. Treatment as additional authorizations.
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- Sec. 1601. Air Force Space Command.
- Sec. 1602. Air Force space contractor responsibility watch list.
- Sec. 1603. Presidential National Voice Conferencing System.
- Sec. 1604. Limitation on use of funds for Delta IV launch vehicle.
- Sec. 1605. Policy of the United States with respect to classification of space as a combat domain.
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- Sec. 1611. Extension of authority to engage in commercial activities as security for intelligence collection activities.

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- Sec. 1621. Policy of the United States on cyberspace, cybersecurity, and cyber warfare.
- Sec. 1622. Cyber posture review.

- Sec. 1623. Modification and clarification of requirements and authorities relating to establishment of unified combatant command for cyber operations.
- Sec. 1624. Annual assessment of cyber resiliency of nuclear command and control system.
- Sec. 1625. Strategic Cybersecurity Program.
- Sec. 1626. Evaluation of agile acquisition of cyber tools and applications.
- Sec. 1627. Report on cost implications of terminating dual-hat arrangement for Commander of United States Cyber Command.
- Sec. 1628. Modification of Information Assurance Scholarship Program.
- Sec. 1629. Measuring compliance of components of Department of Defense with cybersecurity requirements for securing industrial control systems.
- Sec. 1630. Exercise on assessing cybersecurity support to election systems of States.
- Sec. 1630A. Report on various approaches to cyber deterrence.
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- Sec. 1631. Collection, storage, and sharing of data relating to nuclear security enterprise.
- Sec. 1632. Establishment of procedures for implementation of Nuclear Enterprise Review.
- Sec. 1633. Procurement authority for certain parts of intercontinental ballistic missiles.
- Sec. 1634. Execution and programmatic oversight of nuclear command, control, and communications programs.
- Sec. 1635. Measures in response to noncompliance of the Russian Federation with its obligations under the INF Treaty.
- Sec. 1636. Certification that the Nuclear Posture Review addresses deterrent effect and operation of United States nuclear forces in current and future security environments.
- Sec. 1637. Plan to manage Integrated Tactical Warning and Attack Assessment System and multi-domain sensors.
- Sec. 1638. Certification requirement with respect to strategic radiation hardened trusted foundry.
- Sec. 1639. Requirements for Nuclear Posture Review.
- Sec. 1640. Sense of Congress on Nuclear Posture Review.

Subtitle E—Missile Defense Programs

- Sec. 1651. Iron Dome short-range rocket defense system and Israeli Cooperative Missile Defense Program co-development and co-production.
- Sec. 1652. Development of persistent space-based sensor architecture.
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- Sec. 1654. Sense of the Senate on the state of United States missile defense.
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DIVISION B—MILITARY CONSTRUCTION AUTHORIZATIONS

- Sec. 2001. Short title.

- Sec. 2002. Expiration of authorizations and amounts required to be specified by law.
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- Sec. 2101. Authorized Army construction and land acquisition projects.
- Sec. 2102. Family housing.
- Sec. 2103. Authorization of appropriations, Army.
- Sec. 2104. Modification of authority to carry out certain fiscal year 2014 project.
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TITLE XXII—NAVY MILITARY CONSTRUCTION

- Sec. 2201. Authorized Navy construction and land acquisition projects.
- Sec. 2202. Family housing.
- Sec. 2203. Improvements to military family housing units.
- Sec. 2204. Authorization of appropriations, Navy.
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TITLE XXIII—AIR FORCE MILITARY CONSTRUCTION

- Sec. 2301. Authorized Air Force construction and land acquisition projects.
- Sec. 2302. Family housing.
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- Sec. 2304. Authorization of appropriations, Air Force.
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- Sec. 2401. Authorized Defense Agencies construction and land acquisition projects.
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TITLE XXV—INTERNATIONAL PROGRAMS

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- Sec. 2501. Authorized NATO construction and land acquisition projects.
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- Sec. 2511. Republic of Korea funded construction projects.
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TITLE XXVI—GUARD AND RESERVE FORCES FACILITIES

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- Sec. 2601. Authorized Army National Guard construction and land acquisition projects.
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- Sec. 2603. Authorized Navy Reserve and Marine Corps Reserve construction and land acquisition projects.
- Sec. 2604. Authorized Air National Guard construction and land acquisition projects.
- Sec. 2605. Authorized Air Force Reserve construction and land acquisition projects.
- Sec. 2606. Authorization of appropriations, National Guard and Reserve.

Subtitle B—Other Matters

- Sec. 2611. Modification of authority to carry out certain fiscal year 2015 project.
- Sec. 2612. Extension of authorizations of certain fiscal year 2014 projects.
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TITLE XXVII—BASE REALIGNMENT AND CLOSURE ACTIVITIES

- Sec. 2701. Authorization of appropriations for base realignment and closure activities funded through Department of Defense Base Closure Account.
- Sec. 2702. Prohibition on conducting additional base realignment and closure (BRAC) round.

TITLE XXVIII—MILITARY CONSTRUCTION AND GENERAL PROVISIONS

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- Sec. 2801. Authority to use expiring funds for certain military construction projects.
- Sec. 2802. Extension of temporary, limited authority to use operation and maintenance funds for construction projects in certain areas outside the United States.

Subtitle B—Real Property and Facilities Administration

- Sec. 2811. Authority to use energy cost savings for energy resilience, mission assurance, and weather damage repair and prevention measures.
- Sec. 2812. Modification of unspecified minor military construction project authority to cover correction of deficiencies that are threats to installation resilience.
- Sec. 2813. Land exchange valuation of property with reduced development that limits encroachment on military installations.
- Sec. 2814. Treatment of storm water collection systems as utility systems.
- Sec. 2815. Access to military installations by transportation network companies.

Subtitle C—Land Conveyances

- Sec. 2821. Land conveyance, Natick Soldier Systems Center, Massachusetts.
- Sec. 2822. Land conveyance, Army and Air Force Exchange Service property, Dallas, Texas.
- Sec. 2823. Land conveyances, certain former peacekeeper ICBM facilities in Wyoming.
- Sec. 2824. Land exchange, Naval Industrial Ordnance Reserve Plant, Sunnyvale, California.
- Sec. 2825. Land exchange, Naval Air Station Corpus Christi, Texas.

Subtitle D—Project Management and Oversight Reforms

- Sec. 2831. Notification requirement for certain cost overruns and schedule delays.
- Sec. 2832. Limited authority for private sector supervision of military construction projects in event of extensive cost overruns or project delays.
- Sec. 2833. Annual report on cost overruns and schedule delays.
- Sec. 2834. Report on design errors and omissions related to Fort Bliss hospital replacement project.
- Sec. 2835. Report on cost increase and delay related to USSTRATCOM command and control facility project at Offutt Air Force Base.

Subtitle E—Other Matters

- Sec. 2841. Annual Department of Defense energy management reports.
- Sec. 2842. Aggregation of energy efficiency and energy resilience projects in life cycle cost analyses.
- Sec. 2843. Authority of the Secretary of the Air Force to accept lessee improvements at Air Force Plant 42.
- Sec. 2844. Prohibition on use of funds for Kwajalein project.
- Sec. 2845. Energy resilience.
- Sec. 2846. Consideration of energy security and energy resilience in awarding energy and fuel contracts for military installations.
- Sec. 2847. Requirement to address energy resilience in exercising utility system conveyance authority.
- Sec. 2848. In-kind lease payments; prioritization of utility services that promote energy resilience.
- Sec. 2849. Disclosure of beneficial ownership by foreign persons of high security space leased by the Department of Defense.

TITLE XXIX—OVERSEAS CONTINGENCY OPERATIONS MILITARY CONSTRUCTION

- Sec. 2901. Authorized Army construction and land acquisition projects.
- Sec. 2902. Authorized Air Force construction and land acquisition projects.
- Sec. 2903. Authorization of appropriations.
- Sec. 2904. Extension of authorization of certain fiscal year 2015 projects.

DIVISION C—DEPARTMENT OF ENERGY NATIONAL SECURITY AUTHORIZATIONS AND OTHER AUTHORIZATIONS

TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS

Subtitle A—National Security Programs and Authorizations

- Sec. 3101. National Nuclear Security Administration.

- Sec. 3102. Defense environmental cleanup.
- Sec. 3103. Other defense activities.
- Sec. 3104. Nuclear energy.

Subtitle B—Program Authorizations, Restrictions, and Limitations

- Sec. 3111. Assessment and development of prototype nuclear weapons of foreign countries.
- Sec. 3112. Use of funds for construction and project support activities relating to MOX facility.
- Sec. 3113. Repeal, consolidation, and modification of reporting requirements.
- Sec. 3114. National Nuclear Security Administration personnel system.
- Sec. 3115. Annual reports on unfunded priorities of National Nuclear Security Administration.

TITLE XXXII—DEFENSE NUCLEAR FACILITIES SAFETY BOARD

- Sec. 3201. Authorization.

TITLE XXXV—MARITIME ADMINISTRATION

- Sec. 3501. Maritime Administration.

DIVISION D—FUNDING TABLES

- Sec. 4001. Authorization of amounts in funding tables.

TITLE XLI—PROCUREMENT

- Sec. 4101. Procurement.
- Sec. 4102. Procurement for overseas contingency operations.

TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND
EVALUATION

- Sec. 4201. Research, development, test, and evaluation.
- Sec. 4202. Research, development, test, and evaluation for overseas contingency operations.

TITLE XLIII—OPERATION AND MAINTENANCE

- Sec. 4301. Operation and maintenance.
- Sec. 4302. Operation and maintenance for overseas contingency operations.

TITLE XLIV—MILITARY PERSONNEL

- Sec. 4401. Military personnel.
- Sec. 4402. Military personnel for overseas contingency operations.

TITLE XLV—OTHER AUTHORIZATIONS

- Sec. 4501. Other authorizations.
- Sec. 4502. Other authorizations for overseas contingency operations.

TITLE XLVI—MILITARY CONSTRUCTION

- 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.

5 **SEC. 4. BUDGETARY EFFECTS OF THIS ACT.**

6 The budgetary effects of this Act, for the purposes
7 of complying with the Statutory Pay-As-You-Go Act of
8 2010, shall be determined by reference to the latest state-
9 ment titled “Budgetary Effects of PAYGO Legislation”
10 for this Act, jointly submitted for printing in the Congres-
11 sional Record by the Chairmen of the House and Senate
12 Budget Committees, provided that such statement has
13 been submitted prior to the vote on passage in the House
14 acting first on the conference report or amendment be-
15 tween the Houses.

16 **DIVISION A—DEPARTMENT OF**
17 **DEFENSE AUTHORIZATIONS**
18 **TITLE I—PROCUREMENT**
19 **Subtitle A—Authorization of**
20 **Appropriations**

21 **SEC. 101. AUTHORIZATION OF APPROPRIATIONS.**

22 Funds are hereby authorized to be appropriated for
23 fiscal year 2018 for procurement for the Army, the Navy

1 and the Marine Corps, the Air Force, and Defense-wide
2 activities, as specified in the funding table in section 4101.

3 **Subtitle B—Army Programs**

4 **SEC. 111. TRANSFER OF EXCESS HIGH MOBILITY MULTI- 5 PURPOSE WHEELED VEHICLES TO FOREIGN 6 COUNTRIES.**

7 (a) TRANSFERS.—

8 (1) IN GENERAL.—Chapter 153 of title 10,
9 United States Code, is amended by inserting after
10 section 2581 the following new section:

11 **“§ 2581a. Transfer of excess High Mobility Multipur- 12 pose Wheeled Vehicles (HMMWVs) to for- 13 eign countries**

14 “(a) REQUIREMENTS.—(1) Before an excess High
15 Mobility Multipurpose Wheeled Vehicle (HMMWV) is
16 transferred on a grant or sales basis to a foreign country
17 for the purpose of operation by that country, the Secretary
18 of Defense shall ensure that the HMMWV receives the
19 same new, modernized powertrain and a modernized, ar-
20 mored or armor-capable crew compartment restored to
21 like-new condition that the HMMWV would receive if it
22 were to be modernized for operational use by the armed
23 forces.

24 “(2) For the purposes of paragraph (1), the term ‘the
25 same new, modernized powertrain’—

1 “(A) means a fully-functioning new powertrain
2 system; and

3 “(B) does not mean an individual part, compo-
4 nent, subassembly, assembly, or subsystem integral
5 to the functioning of the powertrain system such as
6 a new engine or transmission.

7 “(3) Any work performed pursuant to paragraph (1)
8 shall be performed in the United States and shall be cov-
9 ered by section 2460(b)(1) of this title.

10 “(b) WAIVER.—Subject to the requirements of sub-
11 section (c), the Secretary may waive the requirements of
12 subsection (a)(1) if the Secretary determines in writing
13 that such an exception is required by the national security
14 interests of the United States.

15 “(c) NOTIFICATION.—(1) If the Secretary makes a
16 written determination under subsection (b), the Secretary
17 may not transfer excess HMMWVs until 30 days after the
18 Secretary has provided notice of the proposed transfer to
19 the congressional defense committees. The notification
20 shall include—

21 “(A) the total quantity of HMMWVs, the serial
22 and model numbers of each individual HMMWV,
23 and the age, condition, and expected useful life of
24 each individual HMMWV to be transferred;

1 “(B) the recipient of the HMMWVs, the in-
2 tended use of the HMMWVs, and a description of
3 the national security interests of the United States
4 necessitating the transfer;

5 “(C) an explanation of why it is not in the na-
6 tional security interests of the United States to
7 make the transfer in accordance with the require-
8 ments of subsection (a);

9 “(D) the impact on the national technology and
10 industrial base and, particularly, any reduction of
11 the opportunities of entities in the national tech-
12 nology and industrial base to sell new or used
13 HMMWVs to the countries to which the proposed
14 transfer of HMMWVs is to take place; and

15 “(E) the names of all entities in the national
16 technology and industrial base consulted as part of
17 the determination in subsection (D), as well as the
18 dates when and the names, titles, and affiliations of
19 all individuals with whom such consultations took
20 place.

21 “(2) The Secretary shall make the notification re-
22 quired under this subsection in accordance with the proce-
23 dures specified in section 060403 of volume 3, chapter 6,
24 of the Department of Defense Financial Management
25 Regulation.”.

1 (2) CLERICAL AMENDMENT.—The table of sec-
 2 tions at the beginning of such chapter is amended
 3 by inserting after the item relating to section 2581
 4 the following new item:

“2581a. Transfer of excess High Mobility Multipurpose Wheeled Vehicles
 (HMMWVs) to foreign countries.”.

5 (b) EFFECTIVE DATE.—Section 2581a of title 10,
 6 United States Code, as added by subsection (a), shall
 7 apply with respect to transfers of High Mobility Multipur-
 8 pose Wheeled Vehicles on and after the date of the enact-
 9 ment of this Act.

10 **SEC. 112. LIMITATION ON AVAILABILITY OF FUNDS FOR**
 11 **ARMY AIR-LAND MOBILE TACTICAL COMMU-**
 12 **NICATIONS AND DATA NETWORK, INCLUDING**
 13 **WARFIGHTER INFORMATION NETWORK-TAC-**
 14 **TICAL (WIN-T).**

15 (a) LIMITATION.—No funds authorized to be appro-
 16 priated by this Act or otherwise made available for fiscal
 17 year 2018 for other procurement, Army, and available for
 18 the Warfighter Information Network-Tactical (WIN-T),
 19 Increment 2 (Inc 2) program may be obligated or ex-
 20 pended until the Secretary of the Army submits the report
 21 required under subsection (b).

22 (b) REPORT.—The Secretary of the Army shall sub-
 23 mit to the congressional defense committees a report de-
 24 scribing how the Army intends to implement the rec-

1 ommendations related to air-land ad-hoc, mobile tactical
2 communications and data networks provided by the Direc-
3 tor of Cost Assessment and Program Evaluation (CAPE)
4 pursuant to section 237 of the National Defense Author-
5 ization Act for Fiscal Year 2016 (Public Law 114–92; 129
6 Stat. 781).

7 **Subtitle C—Navy Programs**

8 **SEC. 121. MULTIYEAR PROCUREMENT AUTHORITY FOR VIR-** 9 **GINIA CLASS SUBMARINE PROGRAM.**

10 (a) **AUTHORITY FOR MULTIYEAR PROCUREMENT.**—
11 Subject to section 2306b of title 10, United States Code,
12 the Secretary of the Navy may enter into one or more
13 multiyear contracts, beginning with the fiscal year 2019
14 program year, for the procurement of up to 13 Virginia
15 class submarines.

16 (b) **AUTHORITY FOR ADVANCE PROCUREMENT.**—The
17 Secretary of the Navy may enter into one or more con-
18 tracts, beginning in fiscal year 2018, for advance procure-
19 ment associated with the Virginia Class submarines for
20 which authorization to enter into a multiyear procurement
21 contract is provided under subsection (a), and for equip-
22 ment or subsystems associated with the Virginia Class
23 submarine program, including procurement of—

24 (1) long lead time material; or

1 (2) material or equipment in economic order
2 quantities when cost savings are achievable.

3 (c) **CONDITION FOR OUT-YEAR CONTRACT PAY-**
4 **MENTS.**—A contract entered into under subsection (a)
5 shall provide that any obligation of the United States to
6 make a payment under the contract for a fiscal year after
7 fiscal year 2019 is subject to the availability of appropria-
8 tions or funds for that purpose for such fiscal year.

9 (d) **LIMITATION ON TERMINATION LIABILITY.**—A
10 contract for construction of Virginia Class submarines en-
11 tered into in accordance with subsection (a) shall include
12 a clause that limits the liability of the United States to
13 the contractor for any termination of the contract. The
14 maximum liability of the United States under the clause
15 shall be the amount appropriated for the submarines cov-
16 ered by the contract regardless of the amount obligated
17 under the contract.

18 **SEC. 122. ARLEIGH BURKE CLASS DESTROYERS.**

19 (a) **AUTHORITY FOR MULTIYEAR PROCUREMENT.**—

20 (1) **IN GENERAL.**—Subject to section 2306b of
21 title 10, United States Code, the Secretary of the
22 Navy may enter into one or more multiyear con-
23 tracts, beginning not earlier than the fourth quarter
24 of fiscal year 2018, for the procurement of up to 15

1 Arleigh Burke class Flight III guided missile de-
2 stroyers.

3 (2) AUTHORITY FOR ADVANCE PROCURE-
4 MENT.—The Secretary of the Navy may enter into
5 one or more contracts, beginning in fiscal year 2018,
6 for advance procurement associated with the de-
7 stroyers for which authorization to enter into a
8 multiyear procurement contract is provided under
9 paragraph (1), and for systems and subsystems as-
10 sociated with such destroyers in economic order
11 quantities when cost savings are achievable.

12 (3) CONDITION FOR OUT-YEAR CONTRACT PAY-
13 MENTS.—A contract entered into under paragraph
14 (1) shall provide that any obligation of the United
15 States to make a payment under the contract for a
16 fiscal year after fiscal year 2018 is subject to the
17 availability of appropriations or funds for that pur-
18 pose for such fiscal year.

19 (b) MODIFICATION TO PROCUREMENT OF ADDI-
20 TIONAL ARLEIGH BURKE CLASS DESTROYER.—Section
21 125(a)(1) of the National Defense Authorization Act for
22 Fiscal Year 2016 (Public Law 114–92) is amended by
23 striking “to be procured either” and inserting “to be pro-
24 cured using a fixed-price contract either”.

1 **SEC. 123. MULTIYEAR PROCUREMENT AUTHORITY FOR V-22**
2 **JOINT AIRCRAFT PROGRAM.**

3 (a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—
4 Subject to section 2306b of title 10, United States Code,
5 the Secretary of Defense may enter into one or more
6 multiyear contracts, beginning with the fiscal year 2018
7 program year, for the procurement of V-22 aircraft. Not-
8 withstanding subsection (k) of such section 2306b, the
9 Secretary of Defense may enter into a multiyear contract
10 under this section for up to five years.

11 (b) CONDITION FOR OUT-YEAR CONTRACT PAY-
12 MENTS.—A contract entered into under subsection (a)
13 shall provide that any obligation of the United States to
14 make a payment under the contract for a fiscal year after
15 fiscal year 2018 is subject to the availability of appropria-
16 tions for that purpose for such later fiscal year.

17 **SEC. 124. DESIGN AND CONSTRUCTION OF AMPHIBIOUS**
18 **SHIP REPLACEMENT DESIGNATED LX(R) OR**
19 **AMPHIBIOUS TRANSPORT DOCK DESIGNATED**
20 **LPD-30.**

21 (a) IN GENERAL.—The Secretary of the Navy may
22 enter into a contract, beginning with the fiscal year 2018
23 program year, for the design and construction of the am-
24 phibious ship replacement designated LX(R) or the am-
25 phibious transport dock designated LPD-30 using

1 amounts authorized to be appropriated for the Depart-
2 ment of Defense for Shipbuilding and Conversion, Navy.

3 (b) USE OF INCREMENTAL FUNDING.—With respect
4 to the contract entered into under subsection (a), the Sec-
5 retary may use incremental funding to make payments
6 under the contract.

7 (c) CONDITION FOR OUT-YEAR CONTRACT PAY-
8 MENTS.—The contract entered into under subsection (a)
9 shall provide that any obligation of the United States to
10 make a payment under such contract for any fiscal year
11 after fiscal year 2018 is subject to the availability of ap-
12 propriations for that purpose for such fiscal year.

13 **SEC. 125. MODIFICATION OF COST LIMITATION BASELINE**
14 **FOR CVN-78 CLASS AIRCRAFT CARRIER PRO-**
15 **GRAM.**

16 Section 122(a) of the John Warner National Defense
17 Authorization Act for Fiscal Year 2007 (Public Law 109–
18 364; 120 Stat. 2105), as most recently amended by sec-
19 tion 122 of the National Defense Authorization Act for
20 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 749),
21 is further amended by striking paragraph (2) and insert-
22 ing the following new paragraphs:

23 “(2) CVN–79.—The total amount obligated
24 from funds appropriated or otherwise made available
25 for Shipbuilding and Conversion, Navy, or for any

1 other procurement account, for the aircraft carrier
 2 designated CVN-79 may not exceed
 3 \$11,398,000,000 (as adjusted pursuant to sub-
 4 section (b)).

5 “(3) FOLLOW-ON SHIPS.—The total amount ob-
 6 ligated from funds appropriated or otherwise made
 7 available for Shipbuilding and Conversion, Navy, or
 8 for any other procurement account, for any ship that
 9 is constructed in the CVN-78 class of aircraft car-
 10 riers after CVN-79 may not exceed
 11 \$12,000,000,000 (as adjusted pursuant to sub-
 12 section (b)).”.

13 **SEC. 126. EXTENSION OF LIMITATION ON USE OF SOLE-**
 14 **SOURCE SHIPBUILDING CONTRACTS FOR**
 15 **CERTAIN VESSELS.**

16 Section 124 of the National Defense Authorization
 17 Act for Fiscal Year 2017 (Public Law 114-328) is amend-
 18 ed by striking “2017” and inserting “2017 or fiscal year
 19 2018”.

20 **Subtitle D—Air Force Programs**

21 **SEC. 131. INVENTORY REQUIREMENT FOR AIR FORCE**
 22 **FIGHTER AIRCRAFT.**

23 (a) INVENTORY REQUIREMENT.—Section 8062 of
 24 title 10, United States Code, is amended by adding at the
 25 end the following new subsection:

1 “(i) INVENTORY REQUIREMENT.—(1) Effective Octo-
2 ber 1, 2017, the Secretary of the Air Force shall maintain
3 a total aircraft inventory of fighter aircraft of not less
4 than 1,970 aircraft, and a total primary mission aircraft
5 inventory (combat-coded) of not less than 1,145 fighter
6 aircraft.

7 “(2) In this subsection:

8 “(A) The term ‘fighter aircraft’ means an air-
9 craft that—

10 “(i) is designated by a mission design se-
11 ries prefix of F– or A–;

12 “(ii) is manned by one or two crew-
13 members; and

14 “(iii) executes single-role or multi-role mis-
15 sions, including air-to-air combat, air-to-ground
16 attack, air interdiction, suppression or destruc-
17 tion of enemy air defenses, close air support,
18 strike control and reconnaissance, combat
19 search and rescue support, or airborne forward
20 air control.

21 “(B) The term ‘primary mission aircraft inven-
22 tory’ means aircraft assigned to meet the primary
23 aircraft authorization to a unit for the performance
24 of its wartime mission.”.

1 (b) LIMITATION ON RETIREMENT OF AIR FORCE
2 FIGHTER AIRCRAFT.—

3 (1) LIMITATION.—Except as provided under
4 subsection (d), the Secretary of the Air Force may
5 not proceed with a decision to retire fighter aircraft
6 in any number that would reduce the total number
7 of such aircraft in the Air Force total active inven-
8 tory (TAI) below 1,970, and shall maintain a min-
9 imum of 1,145 fighter aircraft designated as pri-
10 mary mission aircraft inventory (PMAI).

11 (2) ADDITIONAL LIMITATIONS ON RETIREMENT
12 OF FIGHTER AIRCRAFT.—Except as provided under
13 subsection (d), the Secretary of the Air Force may
14 not retire fighter aircraft from the total active inven-
15 tory as of the date of the enactment of this Act until
16 the later of the following:

17 (A) The date that is 30 days after the date
18 on which the Secretary submits the report re-
19 quired under paragraph (3).

20 (B) The date that is 30 days after the date
21 on which the Secretary certifies to the congres-
22 sional defense committees that—

23 (i) the retirement of such fighter air-
24 craft will not increase the operational risk

1 of meeting the National Defense Strategy;
2 and

3 (ii) the retirement of such aircraft will
4 not reduce the total fighter force structure
5 below 1,970 fighter aircraft or the primary
6 mission aircraft inventory below 1,145.

7 (3) REPORT ON RETIREMENT OF AIRCRAFT.—
8 The Secretary of the Air Force shall submit to the
9 congressional defense committees a report setting
10 forth the following:

11 (A) The rationale for the retirement of ex-
12 isting fighter aircraft and an operational anal-
13 ysis of replacement fighter aircraft that dem-
14 onstrates performance of the designated mission
15 at an equal or greater level of effectiveness as
16 the retiring aircraft.

17 (B) An assessment of the implications for
18 the Air Force, the Air National Guard, and the
19 Air Force Reserve of the force mix ratio of
20 fighter aircraft.

21 (C) Such other matters relating to the re-
22 tirement of fighter aircraft as the Secretary
23 considers appropriate.

24 (c) REPORTS ON FIGHTER AIRCRAFT.—

1 (1) IN GENERAL.—Except as provided under
2 subsection (d), at least 90 days before the date on
3 which a fighter aircraft is retired, the Secretary of
4 the Air Force, in consultation with (where applica-
5 ble) the Director of the Air National Guard or Chief
6 of the Air Force Reserve, shall submit to the con-
7 gressional defense committees a report on the pro-
8 posed force structure and basing of fighter aircraft.

9 (2) ELEMENTS.—Each report submitted under
10 paragraph (1) shall include the following elements:

11 (A) A list of each fighter aircraft proposed
12 for retirement, including for each such air-
13 craft—

14 (i) the mission design series type;

15 (ii) the variant; and

16 (iii) the assigned unit and military in-
17 stallation where such aircraft is based.

18 (B) A list of each unit affected by a pro-
19 posed retirement listed under subparagraph (A)
20 and a description of how such unit is affected.

21 (C) For each military installation and unit
22 listed under subparagraph (A)(iii), a description
23 of changes, if any, to the designed operational
24 capability (DOC) statement of the unit as a re-
25 sult of a proposed retirement.

1 (b) BRIEFING.—Not later than March 1, 2018, the
2 Comptroller General shall provide a briefing to the con-
3 gressional defense committees on the plan.

4 (c) ELEMENTS.—The review received under sub-
5 section (a) shall include, with respect to the HH–60 re-
6 placement programs, the following elements:

7 (1) A description of the National Commission
8 on the Structure of the Air Force’s recommenda-
9 tions regarding the use of concurrent and propor-
10 tional fielding and how the Air Force applied these
11 principles in the fielding plan for the HH–60G re-
12 placement programs.

13 (2) An evaluation of the Air Force’s fielding
14 plan for the HH–60G replacement programs, includ-
15 ing an assessment of the Air Force’s rationale for
16 the plan, as well as the alternative fielding plans
17 considered by the Air Force.

18 (3) An evaluation of the potential readiness im-
19 pact of the Air Force’s fielding plan on active duty,
20 National Guard, and Reserve units, including the
21 ability to meet training, maintenance, and deploy-
22 ment requirements, as well as the implications for
23 total force integration initiatives should the fielding
24 not be proportional.

1 (d) HH-60G REPLACEMENT PROGRAMS DE-
2 FINED.—In this section, the term “HH-60G replacement
3 programs” means the HH-60G Ops Loss Replacement
4 and HH-60W Combat Rescue Helicopter programs.

5 **Subtitle E—Defense-wide, Joint,**
6 **and Multiservice Matters**

7 **SEC. 141. F-35 ECONOMIC ORDER QUANTITY CONTRACTING**
8 **AUTHORITY.**

9 (a) IN GENERAL.—The Secretary of Defense may
10 enter into one or more contracts during fiscal year 2018
11 for the procurement of economic order quantities of mate-
12 rial and equipment that has completed formal hardware
13 qualification testing for the F-35 aircraft for use in pro-
14 curement contracts to be awarded during fiscal years 2019
15 and 2020. The total amount obligated under all contracts
16 entered into under this section shall not exceed
17 \$661,000,000.

18 (b) AUTHORITY.—To the extent that funds are other-
19 wise available for obligation, the Secretary may enter into
20 economic order quantity contracts for purchases under
21 this section whenever the Secretary finds each of the fol-
22 lowing:

23 (1) That the use of such a contract will result
24 in significant savings of the total anticipated costs of
25 carrying out the program through annual contracts.

1 (2) That the minimum need for the property to
2 be purchased is expected to remain substantially un-
3 changed during the contemplated contract period in
4 terms of production rate, procurement rate, and
5 total quantities.

6 (3) That there is a reasonable expectation that
7 throughout the contemplated contract period the
8 Secretary will request funding for the contract at
9 the level required to avoid contract cancellation.

10 (4) That there is a stable design for the prop-
11 erty to be acquired and that the technical risks asso-
12 ciated with such property are not excessive.

13 (5) That the estimates of both the cost of the
14 contract and the anticipated cost avoidance through
15 the use of an economic order quantity contract are
16 realistic.

17 (6) That the use of such a contract will pro-
18 mote the national security of the United States.

19 (c) CERTIFICATION REQUIREMENT.—A contract may
20 not be entered into under this section unless the Secretary
21 of Defense certifies in writing, not later than 30 days be-
22 fore entry into the contract, that each of the following con-
23 ditions is satisfied:

24 (1) The Secretary has determined that each of
25 the requirements in paragraphs (1) through (6) of

1 subsection (b) will be met by such contract and has
2 provided the basis for such determination to the con-
3 gressional defense committees.

4 (2) Confirmation that the preliminary findings
5 of the Secretary under paragraph (1) were made
6 after the completion of a cost analysis performed by
7 the Director of Cost Assessment and Program Eval-
8 uation for the purpose of section 2334(e)(1) of title
9 10, United States Code, and that the analysis sup-
10 ports those preliminary findings.

11 (3) A sufficient number of end items of the sys-
12 tem being acquired under such contract have been
13 delivered at or within the most current estimates of
14 the program acquisition unit cost or procurement
15 unit cost for such system to determine that current
16 estimates of such unit costs are realistic.

17 (4) During the fiscal year in which such con-
18 tract is to be awarded, sufficient funds will be avail-
19 able to perform the contract in such fiscal year, and
20 the future-years defense program for such fiscal year
21 will include the funding required to execute the pro-
22 gram without cancellation.

23 (5) The contract is a fixed price type contract.

1 (6) The proposed contract provides for produc-
2 tion at not less than minimum economic rates given
3 the existing tooling and facilities.

4 **SEC. 142. AUTHORITY FOR EXPLOSIVE ORDNANCE DIS-**
5 **POSAL UNITS TO ACQUIRE NEW OR EMERG-**
6 **ING TECHNOLOGIES AND CAPABILITIES.**

7 The Secretary of Defense may provide Explosive Ord-
8 nance Disposal (EOD) units with the authority to acquire
9 new or emerging EOD technologies and capabilities that
10 are not specifically listed on the Table of Allowance (TOA)
11 or Table of Equipment (TOE).

12 **TITLE II—RESEARCH, DEVELOP-**
13 **MENT, TEST, AND EVALUA-**
14 **TION**

15 **Subtitle A—Authorization of**
16 **Appropriations**

17 **SEC. 201. AUTHORIZATION OF APPROPRIATIONS.**

18 Funds are hereby authorized to be appropriated for
19 fiscal year 2018 for the use of the Department of Defense
20 for research, development, test, and evaluation as specified
21 in the funding table in section 4201.

1 **Subtitle B—Program Requirements, Restrictions, and Limitations**
2
3

4 **SEC. 211. MECHANISMS FOR EXPEDITED ACCESS TO TECHNICAL TALENT AND EXPERTISE AT ACADEMIC INSTITUTIONS TO SUPPORT DEPARTMENT OF DEFENSE MISSIONS.**
5
6
7

8 (a) ARRANGEMENTS AUTHORIZED.—

9 (1) IN GENERAL.—The Secretary of Defense
10 may establish one or more multi-institution task
11 order contracts, consortia, cooperative agreements,
12 or other arrangements to facilitate expedited access
13 to university technical expertise, including faculty,
14 staff, and students, in support of Department of De-
15 fense missions in the areas specified in subsection
16 (e).

17 (2) USE FOR TECHNICAL ANALYSES AND ENGI-
18 NEERING SUPPORT.—The Secretary may use an ar-
19 rangement under paragraph (1) to fund technical
20 analyses and other engineering support as required
21 to address acquisition and operational challenges, in-
22 cluding support for classified programs and activi-
23 ties.

24 (3) PERFORMANCE BY DESIGNATED UNIVER-
25 SITY PERFORMER.—The Secretary shall ensure that

1 work awarded through an arrangement under para-
2 graph (1) is performed primarily by the designated
3 university performer.

4 (b) LIMITATION.—An arrangement established under
5 subsection (a)(1) may not be used to fund research pro-
6 grams that can be executed through other Department of
7 Defense basic research activities.

8 (c) CONSULTATION WITH OTHER DEPARTMENT OF
9 DEFENSE ACTIVITIES.—An arrangement established
10 under subsection (a)(1) shall, to the degree practicable,
11 be made in consultation with other Department of Defense
12 activities, including federally funded research and develop-
13 ment centers (FFRDCs), university affiliated research
14 centers (UARCs), and Defense laboratories and test cen-
15 ters, for purposes of providing technical expertise and re-
16 ducing costs and duplicative efforts.

17 (d) POLICIES AND PROCEDURES.—If the Secretary
18 establishes one or more arrangements under subsection
19 (a)(1), the Secretary shall establish and implement policies
20 and procedures to govern—

21 (1) selection of participants in the arrangement
22 or arrangements;

23 (2) the awarding of task orders under the ar-
24 rangement or arrangements;

1 (3) maximum award size for tasks under the
2 arrangement or arrangements;

3 (4) the appropriate use of competitive awards
4 and sole source awards under the arrangement or
5 arrangements; and

6 (5) technical areas under the arrangement or
7 arrangements.

8 (e) MISSION AREAS.—The areas specified in this sub-
9 section are as follows:

10 (1) Cybersecurity.

11 (2) Air and ground vehicles.

12 (3) Shipbuilding.

13 (4) Explosives detection and defeat.

14 (5) Undersea warfare.

15 (6) Trusted electronics.

16 (7) Unmanned systems.

17 (8) Directed energy.

18 (9) Energy, power, and propulsion.

19 (10) Management science and operations re-
20 search.

21 (11) Artificial intelligence.

22 (12) Data analytics.

23 (13) Business systems.

24 (14) Technology transfer and transition.

1 (15) Biological engineering and genetic en-
2 hancement.

3 (16) High performance computing.

4 (17) Materials science and engineering.

5 (18) Quantum information sciences.

6 (19) Special operations activities.

7 (20) Modeling and simulation.

8 (21) Autonomous systems.

9 (22) Model based engineering.

10 (23) Such other areas as the Secretary con-
11 siders appropriate.

12 (f) SUNSET.—The authorities under this section shall
13 expire on September 30, 2020.

14 (g) ARRANGEMENTS ESTABLISHED UNDER SUB-
15 SECTION (A)(1) DEFINED.—In this section, the term “ar-
16 rangement established under subsection (a)(1)” means a
17 multi-institution task order contract, consortia, coopera-
18 tive agreement, or other arrangement established under
19 subsection (a)(1).

1 **SEC. 212. CODIFICATION AND ENHANCEMENT OF AUTHORI-**
2 **TIES TO PROVIDE FUNDS FOR DEFENSE LAB-**
3 **ORATORIES FOR RESEARCH AND DEVELOP-**
4 **MENT OF TECHNOLOGIES FOR MILITARY MIS-**
5 **SIONS.**

6 (a) IN GENERAL.—Chapter 139 of title 10, United
7 States Code, is amended by inserting after section 2362
8 the following new section:

9 **“§ 2363. Mechanisms to provide funds for defense lab-**
10 **oratories for research and development**
11 **of technologies for military missions**

12 “(a) MECHANISMS TO PROVIDE FUNDS.—(1) The
13 Secretary of Defense, in consultation with the Secretaries
14 of the military departments, shall establish mechanisms
15 under which the director of a defense laboratory may use
16 an amount of funds equal to not less than two percent
17 and not more than four percent of all funds available to
18 the defense laboratory for the following purposes:

19 “(A) To fund innovative basic and applied re-
20 search that is conducted at the defense laboratory
21 and supports military missions.

22 “(B) To fund development programs that sup-
23 port the transition of technologies developed by the
24 defense laboratory into operational use.

25 “(C) To fund workforce development activities
26 that improve the capacity of the defense laboratory

1 to recruit and retain personnel with necessary sci-
2 entific and engineering expertise that support mili-
3 tary missions.

4 “(D) To fund the revitalization recapitalization,
5 or minor military construction of the laboratory in-
6 frastructure and equipment, in accordance with sub-
7 section (b).

8 “(2) The mechanisms established under paragraph
9 (1) shall provide that funding shall be used under para-
10 graph (1) at the discretion of the director of a defense
11 laboratory in consultation with the science and technology
12 executive of the military department concerned.

13 “(3) After consultation with the science and tech-
14 nology executive of the military department concerned, the
15 director of a defense laboratory may charge customer ac-
16 tivities a fixed percentage fee, in addition to normal costs
17 of performance, in order to obtain funds to carry out ac-
18 tivities authorized by this subsection. The fixed fee may
19 not exceed four percent of costs.

20 “(b) AVAILABILITY OF FUNDS FOR INFRASTRUC-
21 TURE PROJECTS.—(1) Subject to the provisions of this
22 subsection, funds available under a mechanism under sub-
23 section (a)(1)(D) that are solely intended to carry out a
24 laboratory infrastructure project shall be available for
25 such project until expended.

1 “(2) Funds shall be available in accordance with
2 paragraph (1) for a project referred to in such paragraph
3 only if the Secretary notifies the congressional defense
4 committees of the total cost of the project before the date
5 on which the Secretary uses a mechanism under sub-
6 section (a)(1)(D) for such project.

7 “(3) Funds may accumulate under a mechanism
8 under subsection (a) for a project referred to in paragraph
9 (1) for not more than five years.

10 “(4) The Secretary shall ensure that a project re-
11 ferred to in paragraph (1) for which funds are made avail-
12 able in accordance with such paragraph complies with the
13 applicable cost limitations in the following provisions of
14 law:

15 “(A) Section 2805(d) of this title, with respect
16 to revitalization and recapitalization projects.

17 “(B) Section 2811 of this title, with respect to
18 repair projects.

19 “(C) Section 2802 of this title, with respect to
20 construction projects that exceed the cost specified
21 in subsection (a)(2) of section 2805 of this title for
22 certain unspecified minor military construction
23 projects for laboratories.

24 “(c) ANNUAL REPORT ON USE OF AUTHORITY.—Not
25 later than March 1 of each year, the Secretary of Defense

1 shall submit to the congressional defense committees a re-
2 port on the use of the authority under subsection (a) dur-
3 ing the preceding year.”.

4 (b) CLERICAL AMENDMENT.—The table of sections
5 at the beginning of chapter 139 of such title is amended
6 by inserting after the item relating to section 2362 the
7 following new item:

“2363. Mechanisms to provide funds for defense laboratories for research and
development of technologies for military missions.”.

8 (c) CONFORMING AMENDMENTS.—(1) Section 219 of
9 the Duncan Hunter National Defense Authorization Act
10 for Fiscal Year 2009 (Public Law 110–417; 10 U.S.C.
11 2358 note), is hereby repealed.

12 (2) Section 2805(d)(1)(B) of title 10, United States
13 Code, is amended by striking “under section 219(a) of the
14 Duncan Hunter National Defense Authorization Act for
15 Fiscal Year 2009 (Public Law 110–417; 10 U.S.C. 2358
16 note)” and inserting “section 2363(a) of this title”.

17 **SEC. 213. MODIFICATION OF LABORATORY QUALITY EN-**
18 **HANCEMENT PROGRAM.**

19 (a) IN GENERAL.—Section 211 of the National De-
20 fense Authorization Act for Fiscal Year 2017 (Public Law
21 114–328) is amended—

22 (1) in subsection (a)(1)—

23 (A) in subparagraph (A), by striking “;
24 and” and inserting a semicolon;

1 (B) in subparagraph (B), by striking the
2 semicolon and inserting “; and”; and

3 (C) by adding at the end the following new
4 subparagraph:

5 “(C) new interpretations of existing stat-
6 utes and regulations that would enhance the
7 ability of a director of a science and technology
8 reinvention laboratory to manage the facility
9 and discharge the mission of the laboratory;”;

10 (2) in subsection (d), by adding at the end the
11 following new paragraph:

12 “(3)(A) Each panel described in paragraph (1), (2),
13 or (3) of subsection (b) shall submit to the panel described
14 in paragraph (4) of such subsection (relating to govern-
15 ance and oversight processes) the following:

16 “(i) The findings of the panel with respect to
17 the review conducted by the panel under subsection
18 (a)(1)(C).

19 “(ii) The recommendations made by the panel
20 under such subsection.

21 “(iii) Such comments, findings, and rec-
22 ommendations as the panel may have received by a
23 science and technology reinvention laboratory with
24 respect to—

1 “(I) the review conducted by the panel
2 under such subsection; or

3 “(II) recommendations made by the panel
4 under such subsection.

5 “(B)(i) The panel described in subsection (b)(4) shall
6 review and refashion such recommendations as the panel
7 may receive under subparagraph (A).

8 “(ii) In reviewing and refashioning recommendations
9 under clause (i), the panel may, as the panel considers
10 appropriate, consult with the science and technology execu-
11 tive of the affected service.

12 “(C) The panel described in subsection (b)(4) shall
13 submit to the Under Secretary of Defense for Research
14 and Engineering the recommendations made by the panel
15 under subsection (a)(1)(C) and the recommendations re-
16 fashioned by the panel under subparagraph (B) of this
17 paragraph.”;

18 (3) by redesignating subsections (e) and (f) as
19 subsection (f) and (g), respectively; and

20 (4) by inserting after subsection (d) the fol-
21 lowing new subsection (e):

22 “(e) INTERPRETATION OF PROVISIONS OF LAW.—(1)
23 The Under Secretary of Defense for Research and Engi-
24 neering, acting under the guidance of the Secretary, shall
25 issue regulations regarding the meaning, scope, implemen-

1 tation, and applicability of any provision of a statute relat-
2 ing to a science and technology reinvention laboratory.

3 “(2) In interpreting or defining under paragraph (1),
4 the Under Secretary shall, to the degree practicable, em-
5 phasize providing the maximum operational flexibility to
6 the directors of the science and technology reinvention lab-
7 oratories to discharge the missions of their laboratories.

8 “(3) In interpreting or defining under paragraph (1),
9 the Under Secretary shall seek recommendations from the
10 panel described in subsection (b)(4).”.

11 (b) TECHNICAL CORRECTIONS.—(1) Subsections (a),
12 (c)(1)(C), and (d)(2) of such section are amended by strik-
13 ing “Assistant Secretary” each place it appears and in-
14 serting “Under Secretary”.

15 (2) Subparagraph (C) of section 342(b)(3) of the Na-
16 tional Defense Authorization Act for Fiscal Year 1995
17 (Public Law 103–337), as amended by section 211(f) of
18 the National Defense Authorization Act for Fiscal Year
19 2017 (Public Law 114–328), as redesignated by sub-
20 section (a)(3) of this section, is amended by striking “As-
21 sistant Secretary” and inserting “Under Secretary”.

22 **SEC. 214. PRIZES FOR ADVANCED TECHNOLOGY ACHIEVE-**
23 **MENTS.**

24 Section 2374a of title 10, United States Code, is
25 amended—

1 (1) in subsection (a), by striking “in recognition
2 of” and inserting “and other types of prizes that the
3 Secretary determines are appropriate to recognize”;

4 (2) in subsection (e), by striking “cash” both
5 places it appears;

6 (3) in subsection (e)—

7 (A) by striking “and from State and local
8 governments” and inserting “, from State and
9 local governments, and from the private sec-
10 tor”; and

11 (B) by adding at the end the following:
12 “The Secretary may not give any special con-
13 sideration to any private sector entity in return
14 for a donation.”; and

15 (4) by amending subsection (f) to read as fol-
16 lows:

17 “(f) USE OF PRIZE AUTHORITY.—Use of prize au-
18 thority under this section shall be considered the use of
19 competitive procedures for the purposes of section 2304
20 of this title.”.

1 **SEC. 215. EXPANSION OF DEFINITION OF COMPETITIVE**
 2 **PROCEDURES TO INCLUDE COMPETITIVE SE-**
 3 **LECTION FOR AWARD OF RESEARCH AND DE-**
 4 **VELOPMENT PROPOSALS.**

5 Section 2302(2)(B) of title 10, United States Code,
 6 is amended by striking “basic research” and inserting “re-
 7 search and development”.

8 **SEC. 216. INCLUSION OF MODELING AND SIMULATION IN**
 9 **TEST AND EVALUATION ACTIVITIES FOR PUR-**
 10 **POSES OF PLANNING AND BUDGET CERTIFI-**
 11 **CATION.**

12 Section 196 of title 10, United States Code, is
 13 amended—

14 (1) in subsection (d)(1), in the first sentence,
 15 by inserting “, including modeling and simulation
 16 capabilities” after “and resources”; and

17 (2) in subsection (e)(1), by inserting “, includ-
 18 ing modeling and simulation activities,” after “eval-
 19 uation activities”.

20 **SEC. 217. DIFFERENTIATION OF RESEARCH AND DEVELOP-**
 21 **MENT ACTIVITIES FROM SERVICE ACTIVI-**
 22 **TIES.**

23 (a) IN GENERAL.—For the purposes of activities and
 24 programs carried out by the Department of Defense, re-
 25 search and development activities, including activities
 26 under the Small Business Innovation Research Program

1 (SBIR) or the Small Business Technology Transfer Pro-
2 gram (STTR), shall be considered as separate and distinct
3 from contract service activities.

4 (b) GUIDANCE.—Not later than 180 days after the
5 date of the enactment of this Act, the Secretary of Defense
6 shall issue updated guidance to carry out this section.

7 (c) DEFINITIONS.—

8 (1) IN GENERAL.—In this section:

9 (A) The term “advisory and assistance
10 service” has the meaning given such term in
11 section 1105(g)(2) of title 31, United States
12 Code.

13 (B) The term “research and development
14 activities”—

15 (i) means—

16 (I) creative work undertaken on
17 a systematic basis in order to increase
18 the stock of knowledge, including the
19 knowledge of man, culture, and soci-
20 ety; and

21 (II) the use of the stock of
22 knowledge described in subparagraph
23 (A) to devise new applications; and

1 (ii) includes activities described in sec-
2 tion 9 of the Small Business Act (15
3 U.S.C. 638).

4 (C) The term “contract service activities”
5 has the meaning given the term “contract serv-
6 ices” in section 2330(c) of title 10, United
7 States Code.

8 (D) The terms “Small Business Innovation
9 Research Program” and “Small Business Tech-
10 nology Transfer Program” have the meanings
11 given such terms in section 9(e) of the Small
12 Business Act (15 U.S.C. 638(e)).

13 (2) DEFINITION OF SERVICES FOR PURPOSES
14 OF REQUIREMENTS RELATING TO TRACKING OF
15 PURCHASES OF SERVICES.—Section 2330a(h) of title
16 10, United States Code, is amended by inserting
17 after paragraph (4) the following new paragraph:

18 “(5) SERVICES.—The term ‘services’ has the
19 meaning given the term ‘contract services’ in section
20 2330(c) of this title.”.

21 **SEC. 218. DESIGNATION OF ADDITIONAL DEPARTMENT OF**
22 **DEFENSE SCIENCE AND TECHNOLOGY RE-**
23 **INVENTION LABORATORIES.**

24 Section 1105(a) of the National Defense Authoriza-
25 tion Act for Fiscal Year 2010 (Public Law 111–84; 10

1 U.S.C. 2358 note) is amended by adding at the end the
2 following new paragraphs:

3 “(20) The Air Force Office of Scientific Re-
4 search.

5 “(21) The 711th Human Performance Wing of
6 the Air Force Research Laboratory.

7 “(22) The Air Vehicles Directorate of the Air
8 Force Research Laboratory.

9 “(23) The Directed Energy Directorate of the
10 Air Force Research Laboratory.

11 “(24) The Information Directorate of the Air
12 Force Research Laboratory.

13 “(25) The Materials and Manufacturing Direc-
14 torate of the Air Force Research Laboratory.

15 “(26) The Munitions Directorate of the Air
16 Force Research Laboratory.

17 “(27) The Propulsion Directorate of the Air
18 Force Research Laboratory.

19 “(28) The Sensors Directorate of the Air Force
20 Research Laboratory.

21 “(29) The Space Vehicles Directorate of the Air
22 Force Research Laboratory.

23 “(30) The Naval Facilities Engineering and Ex-
24 peditionary Warfare Center.”.

1 **SEC. 219. DEPARTMENT OF DEFENSE DIRECTED ENERGY**
2 **WEAPON SYSTEM PROTOTYPING AND DEM-**
3 **ONSTRATION PROGRAM.**

4 (a) **ESTABLISHMENT.**—The Secretary of Defense,
5 acting through the Under Secretary, shall establish a pro-
6 gram on the prototyping and demonstration of directed
7 energy weapon systems to build and maintain the military
8 superiority of the United States by—

9 (1) accelerating the fielding of directed energy
10 weapon systems that would help counter techno-
11 logical advantages of potential adversaries of the
12 United States; and

13 (2) supporting the military departments, the
14 combatant commanders, the United States Special
15 Operations Command, and the Missile Defense
16 Agency in developing prototypes and demonstrating
17 operational utility of high energy lasers and high
18 powered microwave weapon systems.

19 (b) **GUIDELINES.**—

20 (1) **IN GENERAL.**—Not later than 180 days
21 after the date of the enactment of this Act, the
22 Under Secretary shall issue guidelines for the oper-
23 ation of the program established under subsection
24 (a), including—

1 (A) criteria for an application for funding
2 by a military department, defense agency, or a
3 combatant command;

4 (B) the priorities, if any, to be provided to
5 field directed energy weapon system tech-
6 nologies developed by research funding of the
7 Department or industry; and

8 (C) criteria for evaluation of an application
9 for funding or changes to policies or acquisition
10 and business practices by such a department,
11 agency, or command for purposes of improving
12 the effectiveness and efficiency of the Program.

13 (2) LIMITATION.—Funding for a military de-
14 partment, defense agency, or combatant command
15 under the program established under subsection (a)
16 may only be available for advanced technology devel-
17 opment, prototyping, and demonstrations in which
18 the Department of Defense maintains management
19 of the technical baseline and a primary emphasis on
20 technology transition and evaluating military utility
21 to enhance the likelihood that the particular directed
22 energy weapon system will meet the Department end
23 user's need.

24 (c) APPLICATIONS FOR FUNDING.—

1 (1) IN GENERAL.—Not less frequently than
2 once each year, the Under Secretary shall solicit
3 from the heads of the military departments, the de-
4 fense agencies, and the combatant commands appli-
5 cations for funding under the program established
6 under subsection (a) to be used to enter into con-
7 tracts, cooperative agreements, or other transaction
8 agreements entered into pursuant to section 2371b
9 of title 10, United States Code, with appropriate en-
10 tities for the fielding or commercialization of tech-
11 nologies.

12 (2) TREATMENT PURSUANT TO CERTAIN CON-
13 GRESSIONAL RULES.—Nothing in this section shall
14 be construed to require any official of the Depart-
15 ment of Defense to provide funding under the pro-
16 gram to any congressional earmark as defined pur-
17 suant to clause 9 of rule XXI of the Rules of the
18 House of Representatives or any congressionally di-
19 rected spending item as defined pursuant to para-
20 graph 5 of rule XLIV of the Standing Rules of the
21 Senate.

22 (d) FUNDING.—

23 (1) IN GENERAL.—Except as provided in para-
24 graph (2) and subject to the availability of appro-
25 priations for such purpose, of the funds authorized

1 to be appropriated by this Act or otherwise made
2 available for fiscal year 2018 for research, develop-
3 ment, test, and evaluation, defense-wide,
4 \$200,000,000 shall be available to the Under Sec-
5 retary to allocate to the military departments, the
6 defense agencies, and the combatant commands to
7 carry out the program established under subsection
8 (a).

9 (2) LIMITATION.—Not more than half of the
10 amounts made available under paragraph (1) may be
11 allocated as described in such paragraph until the
12 Under Secretary—

13 (A) develops the strategic plan required by
14 section 219(a)(2)(A) of the National Defense
15 Authorization Act for Fiscal Year 2017 (Public
16 Law 114–328; 10 U.S.C. 2431 note); and

17 (B) submits such strategic plan to the con-
18 gressional defense committees.

19 (e) DESIGNATION OF UNDER SECRETARY OF DE-
20 FENSE FOR RESEARCH AND ENGINEERING AS THE OFFI-
21 CIAL WITH PRINCIPAL RESPONSIBILITY FOR DEVELOP-
22 MENT AND DEMONSTRATION OF DIRECTED ENERGY
23 WEAPONS.—Section 219(a)(1) of the National Defense
24 Authorization Act for Fiscal Year 2017 (Public Law 114–
25 328; 10 U.S.C. 2431 note) is amended by striking “Not

1 later” and all that follows through “of Defense” and in-
2 serting “The Under Secretary of Defense for Research
3 and Engineering shall serve”.

4 (f) UNDER SECRETARY DEFINED.—In this section,
5 the term “Under Secretary” means the Under Secretary
6 of Defense for Research and Engineering in the Under
7 Secretary’s capacity as the official with principal responsi-
8 bility for the development and demonstration of directed
9 energy weapons pursuant to section 219(a)(1) of such Act
10 (Public Law 114–328; 10 U.S.C. 2431 note), as amended
11 by subsection (e).

12 **SEC. 220. AUTHORITY FOR THE UNDER SECRETARY OF DE-**
13 **FENSE FOR RESEARCH AND ENGINEERING**
14 **TO PROMOTE INNOVATION IN THE DEPART-**
15 **MENT OF DEFENSE.**

16 The Secretary of Defense shall establish procedures
17 under which the Under Secretary of Defense for Research
18 and Engineering may request a time-limited review and
19 if necessary require coordination on and modification of
20 proposed directives, rules, regulations, and other policies
21 that in Under Secretary’s view would adversely affect the
22 ability of the innovation, research, and engineering enter-
23 prise of the Department of Defense to effectively and effi-
24 ciently execute its missions, including policies and prac-
25 tices concerning the following:

- 1 (1) Personnel and talent management.
- 2 (2) Financial management and budgeting.
- 3 (3) Infrastructure, installations, and military
- 4 construction.
- 5 (4) Acquisition.
- 6 (5) Management.
- 7 (6) Such other areas as the Secretary may des-
- 8 ignate.

9 **SEC. 221. LIMITATION ON AVAILABILITY OF FUNDS FOR F-**
10 **35 JOINT STRIKE FIGHTER FOLLOW-ON MOD-**
11 **ERNIZATION.**

12 None of the funds authorized to be appropriated by
13 this Act or otherwise made available for fiscal year 2018
14 or any other fiscal year for the Department of Defense
15 may be obligated for F-35 Joint Strike Fighter Follow-
16 On Modernization until the Secretary of Defense provides
17 the final report required under section 224(d) of the Na-
18 tional Defense Authorization Act for Fiscal Year 2017
19 (Public Law 114-328).

20 **SEC. 222. IMPROVEMENT OF UPDATE PROCESS FOR**
21 **POPULATING MISSION DATA FILES USED IN**
22 **ADVANCED COMBAT AIRCRAFT.**

23 (a) IMPROVEMENTS TO UPDATE PROCESS.—

- 24 (1) IN GENERAL.—The Secretary of Defense
- 25 shall take such actions as may be necessary to im-

1 prove the process used to update the mission data
2 files used in advanced combat aircraft of the United
3 States so that such updates can occur more quickly.

4 (2) REQUIREMENTS.—In improving the process
5 under paragraph (1), the Secretary shall ensure the
6 following:

7 (A) That under such process, updates to
8 the mission data files are developed, operation-
9 ally tested, and loaded onto systems of ad-
10 vanced combat aircraft while in theaters of op-
11 eration in a time-sensitive manner to allow for
12 the distinguishing of threats, including distin-
13 guishing friends from foes, loading and delivery
14 of weapon suites, and coordination with allied
15 and coalition armed forces.

16 (B) When updates are made to the mission
17 data files, all areas of responsibility (AoRs) are
18 included.

19 (C) The process includes best practices re-
20 lating to such mission data files that have been
21 identified by industry and allies of the United
22 States.

23 (D) The process improves the exchange of
24 information between weapons systems of the
25 United States and weapon systems of allies and

1 partners of the United States, with respect to
2 such mission data files.

3 (b) CONSULTATION AND PILOT PROGRAMS.—In car-
4 rying out subsection (a), the Secretary shall consult the
5 innovation organizations resident in the Department of
6 Defense and may consider carrying out a pilot program
7 under another provision of this Act.

8 (c) REPORT.—Not later than March 31, 2018, the
9 Secretary shall submit to the congressional defense com-
10 mittees a report on the actions taken by the Secretary
11 under subsection (a)(1) and how the process described in
12 such subsection has been improved.

13 **Subtitle C—Reports and Other** 14 **Matters**

15 **SEC. 231. COMPETITIVE ACQUISITION PLAN FOR LOW** 16 **PROBABILITY OF DETECTION DATA LINK** 17 **NETWORKS.**

18 (a) PLAN REQUIRED.—The Under Secretary of De-
19 fense for Acquisition, Technology, and Logistics and the
20 Vice Chairman of the Joint Chiefs of Staff shall jointly,
21 in consultation with the Secretary of the Navy and the
22 Secretary of the Air Force, develop a plan to procure a
23 secure, low probability of detection data link network ca-
24 pability with the ability to effectively operate in hostile
25 jamming environments while preserving the low observable

1 characteristics of the relevant platforms, between existing
2 and planned—

3 (1) fifth-generation combat aircraft;

4 (2) fifth-generation and fourth-generation com-
5 bat aircraft;

6 (3) fifth-generation and fourth-generation com-
7 bat aircraft and appropriate support aircraft and
8 other network nodes for command, control, commu-
9 nications, intelligence, surveillance, and reconnais-
10 sance purposes; and

11 (4) fifth-generation and fourth-generation com-
12 bat aircraft and their associated network-enabled
13 precision weapons.

14 (b) ADDITIONAL PLAN REQUIREMENTS.—The plan
15 required by subsection (a) shall include—

16 (1) nonproprietary and open systems ap-
17 proaches compatible with the Rapid Capabilities Of-
18 fice Open Mission Systems initiative of the Air
19 Force and the Future Airborne Capability Environ-
20 ment initiative of the Navy;

21 (2) a competitive acquisition process, to include
22 comparative flight demonstrations in realistic air-
23 borne environments; and

1 (1) in subsection (b)(2), by striking “the enact-
2 ment of this Act” both places it appears and insert-
3 ing “such submittal”; and

4 (2) in subsection (c)(1), by striking “propose
5 and implement” and inserting “submit to the Assist-
6 ant Secretary concerned a proposal on, and imple-
7 ment,”.

8 **SEC. 233. REQUIREMENT FOR A PLAN TO BUILD A PROTO-**
9 **TYPE FOR A NEW GROUND COMBAT VEHICLE**
10 **FOR THE ARMY.**

11 (a) IN GENERAL.—Not later than 90 days after the
12 date of the enactment of this Act, the Secretary of the
13 Army shall submit to the congressional defense commit-
14 tees a plan to build a prototype for a new ground combat
15 vehicle for the Army.

16 (b) CONTENTS.—The plan required by subsection (a)
17 shall include the following:

18 (1) A description of how the Secretary intends
19 to exploit the latest enabling component technologies
20 that have the potential to dramatically change basic
21 combat vehicle design and improve lethality, protec-
22 tion, mobility, range, and sustainment, including an
23 analysis of capabilities of the most advanced foreign
24 ground combat vehicles and whether any have char-
25 acteristics that should inform the development of the

1 Army's prototype vehicle, including whether any
2 United States allies or partners have advanced capa-
3 bilities that could be directly incorporated in the pro-
4 totype.

5 (2) The schedule, cost, key milestones, and
6 leadership plan to rapidly design and build the pro-
7 totype ground combat vehicle.

8 **SEC. 234. PLAN FOR SUCCESSFULLY FIELDING THE INTE-**
9 **GRATED AIR AND MISSILE DEFENSE BATTLE**
10 **COMMAND SYSTEM.**

11 (a) **PLAN REQUIRED.**—Not later than 180 days after
12 the date of the enactment of this Act, the Secretary of
13 the Army shall submit to the congressional defense com-
14 mittees a plan to successfully field a suitable, survivable,
15 and effective Integrated Air and Missile Defense Battle
16 Command System program.

17 (b) **LIMITATION.**—None of the funds authorized to
18 be appropriated by this Act for research, development,
19 test, and evaluation may be obligated by the Secretary of
20 the Army for the Army Integrated Air and Missile Defense
21 and the Integrated Air and Missile Defense Battle Com-
22 mand System until the date on which the plan is sub-
23 mitted under subsection (a).

1 **SEC. 235. SENSE OF CONGRESS ON HYPERSONIC WEAPONS.**

2 (a) FINDINGS.—Congress makes the following find-
3 ings:

4 (1) The United States has gained a thorough
5 understanding of hypersonic technology over the
6 course of seven decades of experimentation.

7 (2) The requirements for technological break-
8 throughs in hypersonics have largely been estab-
9 lished, allowing pursuit of hypersonic glide weapons
10 without a prohibitive budget effect.

11 (3) The Department of Defense has several
12 hypersonic research and development efforts under-
13 way, including conventional prompt global strike
14 (CPS) weapons system, the Hypersonic Air-Breath-
15 ing Weapon Concept, and the Tactical Boost Glide
16 program.

17 (4) In testimony before the Committee on
18 Armed Services of the Senate on April 4, 2017, the
19 Commander of United States Strategic Command,
20 General John Hyten, identified the conventional
21 prompt global strike weapons system as the “leading
22 technology maturation effort in the realm of
23 hypersonics” and stated that his command sees “an
24 operational need for a CPS capabilities by the mid-
25 2020s.”.

1 (5) Hypersonic weapons present a radical
2 change in warfare, because they can circumvent
3 many of the challenges associated with contested
4 warfare and integrated air defenses.

5 (6) Hypersonic weapons may provide solutions
6 to difficult problem sets, such as anti-access area de-
7 nial schemes, deeply buried or hardened target sets,
8 and mobile high value target sets.

9 (7) Other countries are aggressively pursuing
10 hypersonic weapons at an alarming rate that threat-
11 en to outpace the United States if the United States
12 does not more aggressively pursue development of
13 hypersonic weapons.

14 (8) The Air Force has a \$10,000,000 require-
15 ment on the Unfunded Priority List for hypersonic
16 prototyping.

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

19 (1) the Department of Defense should expedite
20 testing, evaluation, and acquisition of hypersonic
21 weapon systems to meet the stated needs of the
22 warfighter;

23 (2) testing of such weapon systems should in-
24 clude flight testing, ground based testing, and un-
25 derwater launch testing;

1 (3) the Department of Defense should adhere
2 to the requirement in section 1688 of the National
3 Defense Authorization Act for Fiscal Year 2017
4 (Public Law 114–328) to proceed to a Milestone A
5 decision on the conventional prompt global strike
6 weapons system not later than September 30, 2020,
7 or the date that is 240 days after the successful
8 completion of intermediate range flight 2 of such
9 system;

10 (4) the United States cannot afford to lose its
11 advantage over foreign countries in developing
12 hypersonic weapons; and

13 (5) the Department of Defense should focus on
14 the next generation of weapon systems, including
15 third offset technologies, such as hypersonics.

16 **TITLE III—OPERATION AND** 17 **MAINTENANCE**

18 **Subtitle A—Authorization of** 19 **Appropriations**

20 **SEC. 301. AUTHORIZATION OF APPROPRIATIONS.**

21 Funds are hereby authorized to be appropriated for
22 fiscal year 2018 for the use of the Armed Forces and other
23 activities and agencies of the Department of Defense for
24 expenses, not otherwise provided for, for operation and

1 maintenance, as specified in the funding table in section
2 4301.

3 **Subtitle B—Logistics and** 4 **Sustainment**

5 **SEC. 311. SENTINEL LANDSCAPES PARTNERSHIP.**

6 (a) ESTABLISHMENT.—The Secretary of Defense, in
7 coordination with the Secretary of Agriculture and the
8 Secretary of the Interior, may establish and carry out a
9 program to preserve sentinel landscapes. The program
10 shall be known as the “Sentinel Landscapes Partnership”.

11 (b) DESIGNATION OF SENTINEL LANDSCAPES.—The
12 Secretary of Defense, in consultation with the Secretary
13 of Agriculture and the Secretary of the Interior, may, as
14 the Secretary determines appropriate, collectively des-
15 ignate one or more sentinel landscapes.

16 (c) COORDINATION OF ACTIVITIES.—The Secretaries
17 may coordinate actions between their departments and
18 with other agencies and private organizations to more effi-
19 ciently work together for the mutual benefit of conserva-
20 tion, working lands, and national defense, and to encour-
21 age private landowners to engage in voluntary land man-
22 agement and conservation activities that contribute to the
23 sustainment of military installations, ranges, and airspace.

24 (d) PRIORITY CONSIDERATION.—The Secretary of
25 Agriculture and the Secretary of the Interior may give to

1 any eligible landowner or agricultural producer within a
2 designated sentinel landscape priority consideration for
3 participation in any easement, grant, or assistance pro-
4 grams administered by that Secretary’s department. Par-
5 ticipation in any such program pursuant to this section
6 shall be voluntary.

7 (e) DEFINITIONS.—In this section:

8 (1) MILITARY INSTALLATION.—The term “mili-
9 tary installation” has the same meaning as provided
10 in section 670(1) of title 16, United States Code.

11 (2) STATE-OWNED NATIONAL GUARD INSTALLA-
12 TION.—The term “State-owned National Guard in-
13 stallation” has the same meaning as provided in sec-
14 tion 670(3) of title 16, United States Code.

15 (3) SENTINEL LANDSCAPE.—The term “sen-
16 tinel landscape” means a landscape-scale area en-
17 compassing—

18 (A) one or more military installations or
19 state-owned National Guard installations and
20 associated airspace; and

21 (B) the working or natural lands that
22 serve to protect and support the rural economy,
23 the natural environment, outdoor recreation,
24 and the national defense test and training mis-

1 sions of the military- or State-owned National
2 Guard installation or installations.

3 (f) CONFORMING AMENDMENT.—Section 312(b) of
4 the National Defense Authorization Act for Fiscal Year
5 2014 (Public Law 113–66; 127 Stat. 729; 10 U.S.C.
6 2684a note) is repealed.

7 **SEC. 312. INCREASED PERCENTAGE OF SUSTAINMENT**
8 **FUNDS AUTHORIZED FOR REALIGNMENT TO**
9 **RESTORATION AND MODERNIZATION AT**
10 **EACH INSTALLATION.**

11 (a) IN GENERAL.—The Secretary of Defense may au-
12 thorize an installation commander to realign up to 7.5 per-
13 cent of an installation’s sustainment funds to restoration
14 and modernization.

15 (b) SUNSET.—The authority under subsection (a)
16 shall expire at the close of September 30, 2022.

17 (c) DEFINITIONS.—The terms “sustainment”, “res-
18 toration”, and “modernization” have the meanings given
19 the terms in the Department of Defense Financial Man-
20 agement Regulation.

Subtitle C—Reports

1 **Subtitle C—Reports**
2 **SEC. 321. PLAN FOR MODERNIZED, DEDICATED DEPART-**
3 **MENT OF THE NAVY ADVERSARY AIR TRAIN-**
4 **ING ENTERPRISE.**

5 (a) PLAN REQUIRED.—The Chief of Naval Oper-
6 ations and the Commandant of the Marine Corps shall de-
7 velop a plan—

8 (1) to establish a modernized, dedicated adver-
9 sary air training enterprise for the Department of
10 the Navy in order to—

11 (A) maximize warfighting effectiveness and
12 synergies of the current and planned fourth and
13 fifth generation combat air forces through opti-
14 mized training and readiness; and

15 (B) harness intelligence analysis, emerging
16 live-virtual-constructive training technologies,
17 range infrastructure improvements, and results
18 of experimentation and prototyping efforts in
19 operational concept development;

20 (2) to explore all available opportunities to chal-
21 lenge the combat air forces of the Department of the
22 Navy with threat representative adversary-to-friendly
23 aircraft ratios, known and emerging adversary tac-
24 tics, and high-fidelity replication of threat airborne
25 and ground capabilities; and

1 (3) to execute all means available to achieve
2 training and readiness goals and objectives of the
3 Navy and Marine Corps with demonstrated institu-
4 tional commitment to the adversary air training en-
5 terprise through the application of Department of
6 the Navy policy and resources, partnering with the
7 other Armed Forces, allies, and friends, and employ-
8 ing the use of industry contracted services.

9 (b) PLAN ELEMENTS.—The plan required under sub-
10 section (a) shall include enterprise goals, objectives, con-
11 cepts of operations, phased implementation timelines,
12 analysis of expected readiness improvements, prioritized
13 resource requirements, and such other matters as the
14 Chief of Naval Operations and Commandant of the Marine
15 Corps consider appropriate.

16 (c) SUBMITTAL OF PLAN AND BRIEFING.—Not later
17 than March 1, 2018, the Chief of Naval Operations and
18 Commandant of the Marine Corps shall provide to the
19 Committees on Armed Services of the Senate and the
20 House of Representatives a written plan and briefing on
21 the plan required under subsection (a).

1 **Subtitle D—Other Matters**

2 **SEC. 331. DEFENSE SITING CLEARINGHOUSE.**

3 (a) CODIFICATION.—Chapter 7 of title 10, United
4 States Code, is amended by inserting after section 183 the
5 following new section:

6 **“§ 183a. Defense Siting Clearinghouse for review of**
7 **mission obstructions**

8 “(a) ESTABLISHMENT.—(1) The Secretary of De-
9 fense shall establish a Defense Siting Clearinghouse (in
10 this section referred to as the ‘Clearinghouse’).

11 “(2) The Clearinghouse shall be—

12 “(A) organized under the authority, direction,
13 and control of an Assistant Secretary of Defense
14 designated by the Secretary; and

15 “(B) assigned such personnel and resources as
16 the Secretary considers appropriate to carry out this
17 section.

18 “(b) FUNCTIONS.—(1) The Clearinghouse shall co-
19 ordinate Department of Defense review of applications for
20 energy projects filed with the Secretary of Transportation
21 pursuant to section 44718 of title 49 and received by the
22 Department of Defense from the Secretary of Transpor-
23 tation.

24 “(2) The Clearinghouse shall accelerate the develop-
25 ment of planning tools necessary to determine the accept-

1 ability to the Department of Defense of proposals included
2 in an application for an energy project submitted pursuant
3 to such section.

4 “(3) The Clearinghouse shall perform such other
5 functions as the Secretary of Defense assigns.

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

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

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

22 “(2) If the Clearinghouse determines under para-
23 graph (1) that an energy project will have an adverse im-
24 pact on military operations and readiness, the Clearing-
25 house shall issue to the applicant a notice of presumed

1 risk that describes the concerns identified by the Depart-
2 ment in the preliminary review and requests a discussion
3 of possible mitigation actions.

4 “(3) At the same time that the Clearinghouse issues
5 to the applicant a notice of presumed risk under para-
6 graph (2), the Clearinghouse shall provide the same notice
7 to the governor of the State in which the project is located
8 and request that the governor provide the Clearinghouse
9 any comments the governor believes of relevance to the
10 application. The Secretary of Defense shall consider the
11 comments of the governor in the Secretary’s evaluation of
12 whether the project presents an unacceptable risk to the
13 national security of the United States and shall include
14 the comments with the determination provided to the Sec-
15 retary of Transportation pursuant to section 44718(f) of
16 title 49.

17 “(4) The Clearinghouse shall develop, in coordination
18 with other departments and agencies of the Federal Gov-
19 ernment, an integrated review process to ensure timely no-
20 tification and consideration of energy projects filed with
21 the Secretary of Transportation pursuant to section 44718
22 of title 49 that may have an adverse impact on military
23 operations and readiness.

24 “(5) The Clearinghouse shall establish procedures for
25 the Department of Defense for the coordinated consider-

1 ation of and response to a request for a review received
2 from another Federal agency, a State government, an In-
3 dian tribal government, a local government, a landowner,
4 or the developer of an energy project, including guidance
5 to personnel at each military installation in the United
6 States on how to initiate such procedures and ensure a
7 coordinated Department response.

8 “(6) The Clearinghouse shall develop procedures for
9 conducting early outreach to parties carrying out energy
10 projects that could have an adverse impact on military op-
11 erations and readiness and to clearly communicate to such
12 parties actions being taken by the Department of Defense
13 under this section. The procedures shall provide for filing
14 by such parties of a project area and preliminary project
15 layout at least one year before expected construction of
16 any project proposed within a military training route or
17 within line-of-sight of any air route surveillance radar or
18 airport surveillance radar operated or used by the Depart-
19 ment of Defense in order to provide adequate time for
20 analysis and negotiation of mitigation options. Material
21 marked as proprietary or competition sensitive by a party
22 filing for this preliminary review shall be protected from
23 public release by the Department of Defense.

24 “(d) COMPREHENSIVE REVIEW.—(1) The Secretary
25 of Defense shall develop a comprehensive strategy for ad-

1 dressing the military impacts of projects filed with the
2 Secretary of Transportation pursuant to section 44718 of
3 title 49.

4 “(2) In developing the strategy required by para-
5 graph (1), the Secretary shall—

6 “(A) assess of the magnitude of interference
7 posed by projects filed with the Secretary of Trans-
8 portation pursuant to section 44718 of title 49;

9 “(B) for the purpose of informing preliminary
10 reviews under subsection (c)(1) and early outreach
11 efforts under subsection (c)(5), identify geographic
12 areas selected as proposed locations for projects
13 filed, or which may be filed in the future, with the
14 Secretary of Transportation pursuant to section
15 44718 of title 49 where such projects could have an
16 adverse impact on military operations and readiness
17 and categorize the risk of adverse impact in such
18 areas; and

19 “(C) specifically identify feasible and affordable
20 long-term actions that may be taken to mitigate ad-
21 verse impacts of projects filed, or which may be filed
22 in the future, with the Secretary of Transportation
23 pursuant to section 44718 of title 49, on military
24 operations and readiness, including—

1 “(i) investment priorities of the Depart-
2 ment of Defense with respect to research and
3 development;

4 “(ii) modifications to military operations to
5 accommodate applications for such projects;

6 “(iii) recommended upgrades or modifica-
7 tions to existing systems or procedures by the
8 Department of Defense;

9 “(iv) acquisition of new systems by the De-
10 partment and other departments and agencies
11 of the Federal Government and timelines for
12 fielding such new systems; and

13 “(v) modifications to the projects for which
14 such applications are filed, including changes in
15 size, location, or technology.

16 “(e) DEPARTMENT OF DEFENSE DETERMINATION
17 OF UNACCEPTABLE RISK.—(1) The Secretary of Defense
18 may not object to an energy project filed with the Sec-
19 retary of Transportation pursuant to section 44718 of title
20 49, except in a case in which the Secretary of Defense
21 determines, after giving full consideration to mitigation
22 actions identified pursuant to this section, that such
23 project, in isolation or cumulatively with other projects,
24 would result in an unacceptable risk to the national secu-

1 rity of the United States. Such a determination shall con-
2 stitute a finding pursuant to section 44718(f) of title 49.

3 “(2)(A) Not later than 30 days after making a deter-
4 mination of unacceptable risk under paragraph (1), the
5 Secretary of Defense shall submit to the congressional de-
6 fense committees a report on such determination and the
7 basis for such determination. Such report shall include an
8 explanation of the operational impact that led to the deter-
9 mination, a discussion of the mitigation options consid-
10 ered, and an explanation of why the mitigation options
11 were not feasible or did not resolve the conflict. The Sec-
12 retary of Defense may provide public notice through the
13 Federal Register of the determination.

14 “(B) The Secretary of Defense shall notify the appro-
15 priate State agency of a determination made under para-
16 graph (1).

17 “(3) The Secretary of Defense may only delegate the
18 responsibility for making a determination of unacceptable
19 risk under paragraph (1) to the Deputy Secretary of De-
20 fense, an under secretary of defense, or a deputy under
21 secretary of defense.

22 “(f) AUTHORITY TO ACCEPT CONTRIBUTIONS OF
23 FUNDS.—The Secretary of Defense is authorized to re-
24 quest and accept a voluntary contribution of funds from
25 an applicant for a project filed with the Secretary of

1 Transportation pursuant to section 44718 of title 49.
2 Amounts so accepted shall remain available until expended
3 for the purpose of offsetting the cost of measures under-
4 taken by the Secretary of Defense to mitigate adverse im-
5 pacts of such a project on military operations and readi-
6 ness or to conduct studies of potential measures to miti-
7 gate such impacts.

8 “(g) EFFECT OF DEPARTMENT OF DEFENSE HAZ-
9 ARD ASSESSMENT.—An action taken pursuant to this sec-
10 tion shall not be considered to be a substitute for any as-
11 sessment or determination required of the Secretary of
12 Transportation under section 44718 of title 49.

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

18 “(i) DEFINITIONS.—In this section:

19 “(1) The term ‘adverse impact on military oper-
20 ations and readiness’ means any adverse impact
21 upon military operations and readiness, including
22 flight operations, research, development, testing, and
23 evaluation, and training, that is demonstrable and is
24 likely to impair or degrade the ability of the armed
25 forces to perform their warfighting missions.

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

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

7 “(4) The term ‘military installation’ has the
8 meaning given that term in section 2801(c)(4) of
9 this title.

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

13 “(6) The term ‘military training route’ means a
14 training route developed as part of the Military
15 Training Route Program, carried out jointly by the
16 Federal Aviation Administration and the Secretary
17 of Defense, for use by the armed forces for the pur-
18 pose of conducting low-altitude, high-speed military
19 training.

20 “(7) The term ‘unacceptable risk to the na-
21 tional security of the United States’ means the con-
22 struction, alteration, establishment, or expansion, or
23 the proposed construction, alteration, establishment,
24 or expansion, of a structure or sanitary landfill that
25 would—

1 “(A) significantly endanger safety in air
2 commerce, related to the activities of the De-
3 partment of Defense;

4 “(B) significantly interfere with the effi-
5 cient use and preservation of the navigable air-
6 space and of airport traffic capacity at public-
7 use airports, related to the activities of the De-
8 partment of Defense; or

9 “(C) significantly impair or degrade the
10 capability of the Department of Defense to con-
11 duct training, research, development, testing,
12 and evaluation, and operations or to maintain
13 military readiness.”.

14 (b) CONFORMING AND CLERICAL AMENDMENTS.—

15 (1) REPEAL OF EXISTING PROVISION.—Section
16 358 of the Ike Skelton National Defense Authoriza-
17 tion Act for Fiscal Year 2011 (49 U.S.C. 44718
18 note) is repealed.

19 (2) CROSS-REFERENCE IN TITLE 49, UNITED
20 STATES CODE.—Section 44718(f) of title 49, United
21 States Code, is amended by inserting “and in ac-
22 cordance with section 183a(e) of title 10” after
23 “conducted under subsection (b)”.

24 (3) REFERENCE TO REGULATIONS.—Section
25 44718(g) of title 49, United States Code, is amend-

1 ed by striking “211.3 of title 32, Code of Federal
 2 Regulations, as in effect on January 6, 2014” both
 3 places it appears and inserting “183a(i) of title 10”.

4 (4) TABLE OF SECTIONS AMENDMENT.—The
 5 table of sections at the beginning of chapter 7 of
 6 title 10 is amended by inserting after the item relat-
 7 ing to section 183 the following new item:

“183a. Defense Siting Clearinghouse for review of mission obstructions.”.

8 (c) APPLICABILITY OF EXISTING RULES AND REGU-
 9 LATIONS.—Notwithstanding the amendments made by
 10 subsection (a), any rule or regulation promulgated to carry
 11 out section 358 of the Ike Skelton National Defense Au-
 12 thorization Act for Fiscal Year 2011 (49 U.S.C. 44718
 13 note), that is in effect on the day before the date of the
 14 enactment of this Act shall continue in effect and apply
 15 to the extent such rule or regulation is consistent with the
 16 authority under section 183a of title 10, United States
 17 Code, as added by subsection (a), until such rule or regu-
 18 lation is otherwise amended or repealed.

19 **SEC. 332. TEMPORARY INSTALLATION REUTILIZATION AU-**
 20 **THORITY FOR ARSENALS, DEPOTS, AND**
 21 **PLANTS.**

22 (a) MODIFIED AUTHORITY.—In the case of a military
 23 manufacturing arsenal, depot, or plant, the Secretary of
 24 the Army may authorize leases and contracts under sec-
 25 tion 2667 of title 10, United States Code, for a term of

1 up to 25 years, notwithstanding subsection (b)(1) of such
2 section, if the Secretary determines that a lease or con-
3 tract of that duration will promote the national defense
4 for the purpose of—

5 (1) helping to maintain the viability of the mili-
6 tary manufacturing arsenal, depot, or plant and any
7 military installations on which it is located;

8 (2) eliminating, or at least reducing, the cost of
9 Government ownership of the military manufac-
10 turing arsenal, depot, or plant, including the costs of
11 operations and maintenance, the costs of environ-
12 mental remediation, and other costs; and

13 (3) leveraging private investment at the military
14 manufacturing arsenal, depot, or plant through long-
15 term facility use contracts, property management
16 contracts, leases, or other agreements that support
17 and advance the preceding purposes.

18 (b) DELEGATION AND REVIEW PROCESS.—

19 (1) IN GENERAL.—The Secretary of the Army
20 may delegate the authority provided by this section
21 to the commander of the major subordinate com-
22 mand of the Army that has responsibility for the
23 military manufacturing arsenal, depot, or plant or, if
24 part of a larger military installation, the installation
25 as a whole. The commander may approve a lease or

1 contract under such authority on a case-by-case
2 basis or a class basis.

3 (2) NOTICE OF APPROVAL.—Upon any approval
4 of a lease or contract by a commander pursuant to
5 a delegation of authority under paragraph (1), the
6 commander shall notify the Army real property man-
7 ager and Congress of the approval.

8 (3) REVIEW PERIOD.—Any lease or contract
9 that is approved utilizing the delegation authority
10 under paragraph (1) is subject to a 90-day hold pe-
11 riod so that the Army real property manager may
12 review the lease or contract pursuant to paragraph
13 (4).

14 (4) DISPOSITION OF REVIEW.—If the Army real
15 property manager disapproves of a contract or lease
16 submitted for review under paragraph (3), the agree-
17 ment shall be null and void upon transmittal by the
18 real property manager to the delegating authority of
19 a written disapproval, including a justification for
20 such disapproval, within the 90-day hold period. If
21 no such disapproval is transmitted within the 90-day
22 hold period, the agreement shall be deemed ap-
23 proved.

24 (5) APPROVAL OF REVISED AGREEMENT.—If,
25 not later than 60 days after receiving a disapproval

1 under paragraph (4), the delegating authority sub-
2 mits to the Army real property manager a new con-
3 tract or lease that addresses the concerns of the
4 Army real property manager outlined in such dis-
5 approval, the new contract or lease shall be deemed
6 approved unless the Army real property manager
7 transmits to the delegating authority a disapproval
8 of the new contract or lease within 30 days of such
9 submission.

10 (c) **MILITARY MANUFACTURING ARSENAL, DEPOT,**
11 **OR PLANT DEFINED.**—In this section, the term “military
12 manufacturing arsenal, depot, or plant” means a Govern-
13 ment-owned, Government-operated defense plant of the
14 Army that manufactures weapons, weapon components, or
15 both.

16 (d) **SUNSET.**—The authority under this section shall
17 terminate at the close of September 30, 2020. Any con-
18 tracts entered into on or before such date shall continue
19 in effect according to their terms.

20 **SEC. 333. PILOT PROGRAM FOR OPERATION AND MAINTENANCE BUDGET PRESENTATION.**
21

22 (a) **IN GENERAL.**—Along with the budget for fiscal
23 years 2019, 2020, and 2021 submitted by the President
24 pursuant to section 1105(a) of title 31, United States
25 Code, the Secretary of Defense and the Secretaries of the

1 military departments shall submit to the Committees on
2 Armed Services of the Senate and the House of Represent-
3 atives an annex for the following Operation and Mainte-
4 nance sub-activity groups (SAG):

5 (1) For the Army:

6 (A) SAG 111 – Maneuver Units.

7 (B) SAG 123 – Land Forces Depot Main-
8 tenance.

9 (C) SAG 131 – Base Operations Support.

10 (D) SAG 322 – Flight Training.

11 (2) For the Navy:

12 (A) SAG 1A5A – Aircraft Depot Mainte-
13 nance.

14 (B) SAG 1B1B – Mission and Other Ship
15 Operations.

16 (C) SAG 1B4B – Ship Depot Mainte-
17 nance.

18 (D) SAG BSS1 – Base Operating Support.

19 (3) For the Marine Corps:

20 (A) SAG 1A1A – Operational Forces.

21 (B) SAG 1A3A – Depot Maintenance.

22 (C) SAG 1B1B – Field Logistics.

23 (D) SAG BSS1 – Base Operating Support.

24 (4) For the Air Force:

25 (A) SAG 011A – Primary Combat Forces.

1 (B) SAG 011Y – Flying Hour Program.

2 (C) SAG 011Z – Base Support.

3 (D) SAG 021M – Depot Maintenance.

4 (b) ELEMENTS.—The annex required under sub-
5 section (a) shall include the following elements:

6 (1) A summary by appropriation account with
7 subtotals for Department of Defense components.

8 (2) A summary of each appropriation account
9 by budget activity, activity group, and sub-activity
10 group with budget activity and activity group sub-
11 totals and an appropriation total.

12 (3) A detailed sub-activity group by program
13 element and expense aggregate listing in budget ac-
14 tivity and activity group sequence.

15 (4) A rollup document by sub-activity group
16 with accompanying program element funding with
17 the PB-61 program element tags included.

18 (5) A summary of each depot maintenance fa-
19 cility with information on workload, work force,
20 sources of funding, and expenses similar to the ex-
21 hibit on Mission Funded Naval Shipyards included
22 with the 2012 Navy Budget Justification.

23 (6) A summary of contractor logistics support
24 for each program element, including a measure of
25 workload and unit cost.

1 (c) **FORMATTING.**—The annex required under sub-
2 section (a) shall be formatted in accordance with relevant
3 Department of Defense financial management regulations
4 that provide guidance for budget submissions to Congress.

5 **SEC. 334. SERVICEWOMEN'S COMMEMORATIVE PARTNER-**
6 **SHIPS.**

7 (a) **IN GENERAL.**—The Secretary of Defense may
8 provide not more than \$5,000,000 in financial support for
9 the acquisition, installation, and maintenance of exhibits,
10 facilities, historical displays, and programs at military
11 service memorials and museums that highlight the role of
12 women in the military. The Secretary may enter into a
13 contract, partnership, or grant with a non-profit organiza-
14 tion for the purpose of performing such acquisition, instal-
15 lation, and maintenance.

16 (b) **PURPOSES.**—The contracts, partnerships, or
17 grants shall be limited to serving the purposes of—

18 (1) preserving the history of the 3,000,000
19 women who have served in the United States Armed
20 Forces;

21 (2) managing an archive of artifacts, historic
22 memorabilia, and documents related to service-
23 women;

24 (3) maintaining a women veterans' oral history
25 program; and

1 (4) conducting other educational programs re-
2 lated to women in service.

3 **SEC. 335. AUTHORITY FOR AGREEMENTS TO REIMBURSE**
4 **STATES FOR COSTS OF SUPPRESSING**
5 **WILDFIRES ON STATE LANDS CAUSED BY DE-**
6 **PARTMENT OF DEFENSE ACTIVITIES UNDER**
7 **LEASES AND OTHER GRANTS OF ACCESS TO**
8 **STATE LANDS.**

9 Section 2691 of title 10, United States Code, is
10 amended by adding at the end the following new sub-
11 section:

12 “(d) The Secretary of Defense may, in any lease, per-
13 mit, license, or other grant of access for use of lands
14 owned by a State, agree to reimburse the State for the
15 reasonable costs of the State in suppressing wildland fires
16 caused by the activities of the Department of Defense
17 under such lease, permit, license, or other grant of ac-
18 cess.”.

19 **SEC. 336. REPURPOSING AND REUSE OF SURPLUS ARMY**
20 **FIREARMS.**

21 (a) **REQUIRED TRANSFER.**—Not later than 90 days
22 after the date of the enactment of this Act, and subject
23 to subsection (c), the Secretary of the Army shall transfer
24 to Rock Island Arsenal all excess firearms, related spare
25 parts and components, small arms ammunition, and am-

1 munition components currently stored at Defense Dis-
2 tribution Depot, Anniston, Alabama, that are no longer
3 actively issued for military service and that are otherwise
4 prohibited from commercial sale, or distribution, under
5 Federal law.

6 (b) REPURPOSING AND REUSE.—The items specified
7 for transfer under subsection (a) shall be melted and
8 repurposed for military use as determined by the Sec-
9 retary of the Army, including—

10 (1) the reforging of new firearms or their com-
11 ponents; and

12 (2) force protection barriers and security
13 bollards.

14 (c) ITEMS EXEMPT FROM TRANSFER.—M–1 Garand,
15 caliber .45 M1911/M1911A1 pistols, and caliber .22 rim-
16 fire rifles are not subject to the transfer requirement
17 under subsection (a).

18 **SEC. 337. DEPARTMENT OF THE NAVY MARKSMANSHIP**
19 **AWARDS.**

20 Section 40728 of title 36, United States Code, is
21 amended by adding at the end the following new sub-
22 section:

23 “(i) AUTHORIZED NAVY TRANSFERS.—(1) Notwith-
24 standing subsections (a) and (b), the Secretary of the
25 Navy may transfer to the corporation, in accordance with

1 the procedures prescribed in this subchapter, M–1 Garand
2 and caliber .22 rimfire rifles held within the inventories
3 of the United States Navy and the United States Marine
4 Corps and stored at Defense Distribution Depot, Annis-
5 ton, Alabama, or Naval Surface Warfare Center, Crane,
6 Indiana, as of the date of the enactment of the National
7 Defense Authorization Act for Fiscal Year 2018.

8 “(2) The items specified for transfer under para-
9 graph (1) shall be used as awards for competitors in
10 marksmanship competitions held by the United States Ma-
11 rine Corps or the United States Navy and may not be
12 resold.”.

13 **Subtitle E—Energy and** 14 **Environment**

15 **SEC. 341. AUTHORITY TO CARRY OUT ENVIRONMENTAL** 16 **RESTORATION ACTIVITIES AT NATIONAL** 17 **GUARD AND RESERVE LOCATIONS.**

18 Section 2701(a) of title 10, United States Code, is
19 amended by adding at the end the following new para-
20 graph:

21 “(5) AUTHORITY TO CARRY OUT ACTIVITIES AT
22 NATIONAL GUARD AND RESERVE LOCATIONS.—The
23 Secretary may carry out activities under this section
24 at National Guard and Reserve locations.”.

1 **SEC. 342. SPECIAL CONSIDERATIONS FOR ENERGY PER-**
 2 **FORMANCE GOALS.**

3 Section 2911(c) of title 10, United States Code, is
 4 amended—

5 (1) in paragraph (1), by inserting “and to re-
 6 duce the future demand and the requirements for
 7 the use of energy” after “consumption of energy”;

8 (2) in paragraph (2), by striking “to reduce the
 9 future demand and the requirements for the use of
 10 energy” and inserting “to enhance energy resilience
 11 to ensure the Department of Defense has the ability
 12 to prepare for and recover from energy disruptions
 13 that impact mission assurance on military installa-
 14 tions”; and

15 (3) by adding at the end the following new
 16 paragraph:

17 “(13) Opportunities to leverage third-party fi-
 18 nancing to address installation energy needs.”.

19 **SEC. 343. CENTERS FOR DISEASE CONTROL STUDY ON**
 20 **HEALTH IMPLICATIONS OF PER- AND**
 21 **POLYFLUOROALKYL SUBSTANCES CONTAMI-**
 22 **NATION IN DRINKING WATER.**

23 (a) IN GENERAL.—The Secretary of Health and
 24 Human Services, acting through the Centers for Disease
 25 Control and Prevention and the Agency for Toxic Sub-

1 stances and Disease Registry and in consultation with the
2 Department of Defense, shall—

3 (1) commence a study on the human health im-
4 plications of per- and polyfluoroalkyl substances
5 (PFAS) contamination in drinking water, ground
6 water, and any other sources of water and relevant
7 exposure vectors, including the cumulative human
8 health implications of multiple types of PFAS con-
9 tamination at levels above and below health advisory
10 levels;

11 (2) not later than 5 years after the date of en-
12 actment of this Act (or 7 years after such date of
13 enactment after providing notice to the appropriate
14 congressional committees of the need for the
15 delay)—

16 (A) complete such study and make any ap-
17 propriate recommendations; and

18 (B) submit a report to the appropriate
19 congressional committees on the results of such
20 study; and

21 (3) not later than one year after the date of the
22 enactment of this Act, and annually thereafter until
23 submission of the report under paragraph (2)(B),
24 submit to the appropriate congressional committees
25 a report on the progress of the study.

1 (b) AUTHORIZATION OF APPROPRIATIONS.—

2 (1) AUTHORIZATION.—There is authorized to
3 be appropriated \$7,000,000 to carry out this section.

4 (2) OFFSET.—The amount authorized to be ap-
5 propriated for fiscal year 2018 for the Department
6 of Defense by section 301 for operation and mainte-
7 nance is hereby reduced by \$7,000,000, with the
8 amount of such decrease to be allocated to operation
9 and maintenance, Navy, SAG BSIT, as specified in
10 the funding tables in section 4301.

11 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
12 FINED.—In this section, the term “appropriate congres-
13 sional committees” means—

14 (1) the congressional defense committees;

15 (2) the Committee on Health, Education, Labor,
16 and Pensions and the Committee on Veterans’ Af-
17 fairs of the Senate; and

18 (3) the Committee on Energy and Commerce
19 and the Committee on Veterans’ Affairs of the
20 House of Representatives.

21 **SEC. 344. ENVIRONMENTAL OVERSIGHT AND REMEDIATION**

22 **AT RED HILL BULK FUEL STORAGE FACILITY.**

23 (a) SENSE OF CONGRESS.—It is the sense of Con-
24 gress that—

1 (1) the Red Hill Bulk Fuel Storage Facility lo-
2 cated on Oahu, Hawaii is a national strategic asset
3 that—

4 (A) supports combatant commander the-
5 ater security requirements;

6 (B) supports contingency operations;

7 (C) provides essential and timely support
8 to the United States and allies' military mobili-
9 zations and disaster response efforts in the
10 Indo-Asia-Pacific and around the world; and

11 (D) is routinely used to support normal
12 transit of Navy and Air Force movements in
13 the region;

14 (2) the facility in its current form cannot be
15 replicated anywhere else in the world;

16 (3) moving the fuel to another storage facility
17 in the Indo-Asia-Pacific would have implications for
18 the United States military force structure in the
19 State of Hawaii and put at risk billions of dollars in
20 annual economic activity that the Armed Forces
21 bring to the State of Hawaii;

22 (4) if the facility were closed, the United States
23 Armed Forces would be unable to support the Na-
24 tional Military Strategy, including the goals of the

1 United States Pacific Commander, and national se-
2 curity interests would be significantly undermined;

3 (5) constant vigilance is required to ensure that
4 facility degradation and fuel leaks do not pose a
5 threat to the people of Hawaii, especially the drink-
6 ing water on Oahu; and

7 (6) despite its importance, the facility continues
8 to face long-term challenges without robust and con-
9 sistent funding that provides the Navy and the De-
10 fense Logistics Agency with the resources needed to
11 improve the tanks and associated infrastructure.

12 (b) BUDGET SUBMISSIONS.—

13 (1) ANNUAL BUDGET JUSTIFICATION.—The
14 Secretary of Defense, in consultation with the Sec-
15 retary of the Navy, shall ensure that the budget jus-
16 tification materials submitted to Congress in support
17 of the Department of Defense budget for any fiscal
18 year (as submitted with the budget of the President
19 under section 1105(a) of title 31, United States
20 Code) includes a description of how the Department
21 will use funds to support any deliverables that the
22 parties of the Administrative Order on Consent/
23 Statement of Work have identified as necessary to
24 mitigate and prevent fuel leaks at the Red Hill Bulk
25 Fuel Storage Facility on Oahu, Hawaii.

1 (2) FUTURE YEARS DEFENSE BUDGET.—The
2 Secretary of Defense, in consultation with the Sec-
3 retary of the Navy, shall ensure that each future-
4 years defense program submitted to Congress under
5 section 221 of title 10, United States Code, de-
6 scribes how the Department will use funds to sup-
7 port any deliverables that the parties of the Admin-
8 istrative Order on Consent/Statement of Work have
9 identified as necessary to mitigate and prevent fuel
10 leaks at the Red Hill Bulk Fuel Storage Facility on
11 Oahu, Hawaii, in the period covered by the future-
12 years defense program.

13 (c) ADMINISTRATIVE ORDER ON CONSENT/STATE-
14 MENT OF WORK DEFINED.—In this section, the term
15 “Administrative Order on Consent/Statement of Work”
16 means a legally enforceable agreement between the United
17 States Department of the Navy (Navy), the Defense Lo-
18 gistics Agency (DLA), the United States Environmental
19 Protection Agency (EPA), Region 9, and the State of Ha-
20 waii Department of Health (DOH) that the parties volun-
21 tarily entered into on September 28, 2015 [EPA DKT
22 NO. RCRA 7003–R9–2015–01/DOH DKT NO. 15–
23 UST–EA–01].

1 **TITLE IV—MILITARY**
2 **PERSONNEL AUTHORIZATIONS**

3 **Subtitle A—Active Forces**

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

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

7 (1) The Army, 481,000.

8 (2) The Navy, 327,900.

9 (3) The Marine Corps, 186,000.

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

11 **Subtitle B—Reserve Forces**

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

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

16 (1) The Army National Guard of the United
17 States, 343,500.

18 (2) The Army Reserve, 199,500.

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

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

21 (5) The Air National Guard of the United
22 States, 106,600.

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

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

1 (b) END STRENGTH REDUCTIONS.—The end
2 strengths prescribed by subsection (a) for the Selected Re-
3 serve of any reserve component shall be proportionately
4 reduced by—

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

9 (2) the total number of individual members not
10 in units organized to serve as units of the Selected
11 Reserve of such component who are on active duty
12 (other than for training or for unsatisfactory partici-
13 pation in training) without their consent at the end
14 of the fiscal year.

15 (c) END STRENGTH INCREASES.—Whenever units or
16 individual members of the Selected Reserve of any reserve
17 component are released from active duty during any fiscal
18 year, the end strength prescribed for such fiscal year for
19 the Selected Reserve of such reserve component shall be
20 increased proportionately by the total authorized strengths
21 of such units and by the total number of such individual
22 members.

1 **SEC. 412. END STRENGTHS FOR RESERVES ON ACTIVE**
2 **DUTY IN SUPPORT OF THE RESERVES.**

3 Within the end strengths prescribed in section
4 411(a), the reserve components of the Armed Forces are
5 authorized, as of September 30, 2018, the following num-
6 ber of Reserves to be serving on full-time active duty or
7 full-time duty, in the case of members of the National
8 Guard, for the purpose of organizing, administering, re-
9 cruiting, instructing, or training the reserve components:

10 (1) The Army National Guard of the United
11 States, 30,155.

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

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

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

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

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

18 **SEC. 413. END STRENGTHS FOR MILITARY TECHNICIANS**
19 **(DUAL STATUS).**

20 The minimum number of military technicians (dual
21 status) as of the last day of fiscal year 2018 for the re-
22 serve components of the Army and the Air Force (notwith-
23 standing section 129 of title 10, United States Code) shall
24 be the following:

25 (1) For the Army National Guard of the United
26 States, 22,294.

1 (2) For the Army Reserve, 6,492.

2 (3) For the Air National Guard of the United
3 States, 19,135.

4 (4) For the Air Force Reserve, 8,880.

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

7 (a) LIMITATIONS.—

8 (1) NATIONAL GUARD.—The number of non-
9 dual status technicians employed by the National
10 Guard as of September 30, 2018, may not exceed
11 the following:

12 (A) For the Army National Guard of the
13 United States, 0.

14 (B) For the Air National Guard of the
15 United States, 0.

16 (2) ARMY RESERVE.—The number of non-dual
17 status technicians employed by the Army Reserve as
18 of September 30, 2018, may not exceed 0.

19 (3) AIR FORCE RESERVE.—The number of non-
20 dual status technicians employed by the Air Force
21 Reserve as of September 30, 2018, may not exceed
22 0.

23 (b) NON-DUAL STATUS TECHNICIANS DEFINED.—In
24 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 **SEC. 416. NUMBER OF MEMBERS OF THE NATIONAL GUARD**
20 **ON FULL-TIME DUTY IN SUPPORT OF THE RE-**
21 **SERVES WITHIN THE NATIONAL GUARD BU-**
22 **REAU.**

23 Within the personnel authorized by paragraphs (1)
24 and (5) of section 412, the number of personnel under
25 each such paragraph who may serve with the National

1 Guard Bureau may not exceed the number equal to six
 2 percent of the number authorized by such paragraph.

3 **Subtitle C—Authorization of**
 4 **Appropriations**

5 **SEC. 421. MILITARY PERSONNEL.**

6 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
 7 are hereby authorized to be appropriated for fiscal year
 8 2018 for the use of the Armed Forces and other activities
 9 and agencies of the Department of Defense for expenses,
 10 not otherwise provided for, for military personnel, as spec-
 11 ified in the funding table in section 4401.

12 (b) CONSTRUCTION OF AUTHORIZATION.—The au-
 13 thorization of appropriations in subsection (a) supersedes
 14 any other authorization of appropriations (definite or in-
 15 definite) for such purpose for fiscal year 2018.

16 **TITLE V—MILITARY PERSONNEL**
 17 **POLICY**

18 **Subtitle A—Officer Personnel**
 19 **Policy**

20 **SEC. 501. CLARIFICATION OF BASELINES FOR AUTHORIZED**
 21 **NUMBERS OF GENERAL AND FLAG OFFICERS**
 22 **ON ACTIVE DUTY AND IN JOINT DUTY AS-**
 23 **SIGNMENTS.**

24 (a) ACTIVE-DUTY BASELINE.—Subsection (h)(2) of
 25 section 526 of title 10, United States Code, is amended

1 by striking “the lower of” and all that follows and insert-
 2 ing “the statutory limit of general officers or flag officers
 3 of that armed force under subsection (a).”.

4 (b) JOINT DUTY ASSIGNMENT BASELINE.—Sub-
 5 section (i)(2) of such section is amended by striking “the
 6 lower of” and all that follows and inserting “the statutory
 7 limit on general officer and flag officer positions that are
 8 joint duty assignments under subsection (b)(1).”.

9 **SEC. 502. AUTHORITY OF PROMOTION BOARDS TO REC-**
 10 **COMMEND OFFICERS OF PARTICULAR MERIT**
 11 **BE PLACED AT THE TOP OF THE PROMOTION**
 12 **LIST.**

13 (a) AUTHORITY OF PROMOTION BOARDS TO REC-
 14 COMMEND OFFICERS OF PARTICULAR MERIT BE PLACED
 15 AT TOP OF PROMOTION LIST.—Section 616 of title 10,
 16 United States Code, is amended by adding at the end the
 17 following new subsection:

18 “(g)(1) In selecting the officers to be recommended
 19 for promotion, a selection board may, when authorized by
 20 the Secretary of the military department concerned, rec-
 21 ommend officers of particular merit, from among those of-
 22 ficers selected for promotion, to be placed at the top of
 23 the promotion list promulgated by the Secretary under
 24 section 624(a)(1) of this title.

1 “(2) The number of such officers placed at the top
2 of the promotion list may not exceed the number equal
3 to 20 percent of the maximum number of officers that the
4 board is authorized to recommend for promotion in such
5 competitive category. If the number determined under this
6 subsection is less than one, the board may recommend one
7 such officer.

8 “(3) No officer may be recommended to be placed
9 at the top of the promotion list unless the officer receives
10 the recommendation of at least a majority of the members
11 of a board for such placement.

12 “(4) For the officers recommended to be placed at
13 the top of the promotion list, the board shall recommend
14 the order in which these officers should be promoted.”.

15 (b) OFFICERS OF PARTICULAR MERIT APPEARING AT
16 TOP OF PROMOTION LIST.—Section 624(a)(1) of such
17 title is amended by inserting “, except such officers of par-
18 ticular merit who were approved by the President and rec-
19 ommended by the board to be placed at the top of the
20 promotion list under section 616(g) of this title as these
21 officers shall be placed at the top of the promotion list
22 in the order recommended by the board” after “officers
23 on the active-duty list”.

1 **SEC. 503. CLARIFICATION TO EXCEPTION FOR REMOVAL OF**
2 **OFFICERS FROM LIST OF OFFICERS REC-**
3 **COMMENDED FOR PROMOTION AFTER 18**
4 **MONTHS WITHOUT APPOINTMENT.**

5 Section 629(c)(3) of title 10, United States Code, is
6 amended by striking “the Senate is not able to obtain the
7 information necessary” and inserting “the military depart-
8 ment concerned is not able to obtain and provide to the
9 Senate the information the Senate requires”.

10 **SEC. 504. FLEXIBILITY IN PROMOTION OF OFFICERS TO PO-**
11 **SITIONS OF STAFF JUDGE ADVOCATE TO THE**
12 **COMMANDANT OF THE MARINE CORPS AND**
13 **DEPUTY JUDGE ADVOCATE GENERAL OF THE**
14 **NAVY.**

15 (a) STAFF JUDGE ADVOCATE TO COMMANDANT OF
16 THE MARINE CORPS.—Section 5046(b) of title 10, United
17 States Code, is amended—

18 (1) by inserting “(1)” after “(b)”; and

19 (2) by adding at the end the following new
20 paragraph:

21 “(2) If the Secretary of the Navy elects to convene
22 a selection board under section 611(a) of this title to con-
23 sider eligible officers for selection to appointment as Staff
24 Judge Advocate, the Secretary may, in connection with
25 such consideration for selection—

1 “(A) treat any section in chapter 36 of this title
2 referring to promotion to the next higher grade as
3 if such section referred to promotion to a higher
4 grade; and

5 “(B) waive section 619(a)(2) of this title if the
6 Secretary determines that the needs of the Marine
7 Corps require the waiver.”.

8 (b) DEPUTY JUDGE ADVOCATE GENERAL OF THE
9 NAVY.—Section 5149(a) of such title is amended by add-
10 ing at the end the following new paragraph:

11 “(3) If the Secretary of the Navy elects to convene
12 a selection board under section 611(a) of this title to con-
13 sider eligible officers for selection to appointment as Dep-
14 uty Judge Advocate General, the Secretary may, in con-
15 nection with such consideration for selection—

16 “(A) treat any section in chapter 36 of this title
17 referring to promotion to the next higher grade as
18 if such section referred to promotion to a higher
19 grade; and

20 “(B) waive section 619(a)(2) of this title if the
21 Secretary determines that the needs of the Navy re-
22 quire the waiver.”.

1 **SEC. 505. REPEAL OF REQUIREMENT FOR SPECIFICATION**
2 **OF NUMBER OF OFFICERS WHO MAY BE REC-**
3 **COMMENDED FOR EARLY RETIREMENT BY A**
4 **SELECTIVE EARLY RETIREMENT BOARD.**

5 Section 638a of title 10, United States Code, is
6 amended—

7 (1) in subsection (c)—

8 (A) by striking paragraph (1); and

9 (B) by redesignating paragraphs (2)
10 through (4) as paragraphs (1) through (3), re-
11 spectively; and

12 (2) in subsection (d)—

13 (A) by striking paragraph (2); and

14 (B) by redesignating paragraphs (3) and
15 (4) as paragraphs (2) and (3), respectively.

16 **SEC. 506. EXTENSION OF SERVICE-IN-GRADE WAIVER AU-**
17 **THORITY FOR VOLUNTARY RETIREMENT OF**
18 **CERTAIN GENERAL AND FLAG OFFICERS FOR**
19 **PURPOSES OF ENHANCED FLEXIBILITY IN**
20 **OFFICER PERSONNEL MANAGEMENT.**

21 Section 1370(a)(2)(G) of title 10, United States
22 Code, is amended by striking “2017” and inserting
23 “2025”.

1 **SEC. 507. INCLUSION OF PRINCIPAL MILITARY DEPUTY TO**
2 **THE ASSISTANT SECRETARY OF THE ARMY**
3 **FOR ACQUISITION, TECHNOLOGY, AND LOGIS-**
4 **TICS AMONG OFFICERS SUBJECT TO REPEAL**
5 **OF STATUTORY SPECIFICATION OF GENERAL**
6 **OFFICER GRADE.**

7 Section 3016(b)(5)(B) of title 10, United States
8 Code, is amended by striking “a lieutenant general” and
9 inserting “an officer”.

10 **SEC. 508. CLARIFICATION OF EFFECT OF REPEAL OF STAT-**
11 **UTORY SPECIFICATION OF GENERAL OR**
12 **FLAG OFFICER GRADE FOR VARIOUS POSI-**
13 **TIONS IN THE ARMED FORCES.**

14 (a) **RETENTION OF GRADE OF INCUMBENTS IN POSI-**
15 **TIONS ON EFFECTIVE DATE.**—Effective as of December
16 23, 2016, and as if included in the enactment of the Na-
17 tional Defense Authorization Act for Fiscal Year 2017
18 (Public Law 114–328) to which it relates, section 502 of
19 that Act (130 Stat. 2102) is amended by adding at the
20 end the following new subsection:

21 “(tt) **RETENTION OF GRADE OF INCUMBENTS IN PO-**
22 **SITIONS ON EFFECTIVE DATE.**—The grade of service of
23 an officer serving as of the date of the enactment of this
24 Act in a position whose statutory grade is affected by an
25 amendment made by this section may not be reduced after
26 that date by reason of such amendment as long as the

1 officer remains in continuous service in such position after
2 that date.”.

3 (b) CLARIFYING AMENDMENT TO CHIEF OF VETERI-
4 NARY CORPS OF THE ARMY REPEAL.—Section 3084 of
5 title 10, United States Code, is amended by striking the
6 last sentence.

7 **SEC. 509. GRANDFATHERING OF RETIRED GRADE OF AS-**
8 **SISTANT JUDGE ADVOCATES GENERAL OF**
9 **THE NAVY AS OF REPEAL OF STATUTORY**
10 **SPECIFICATION OF GENERAL AND FLAG OF-**
11 **FICERS GRADES IN THE ARMED FORCES.**

12 (a) IN GENERAL.—Notwithstanding the amendments
13 made by section 502(gg)(2) of the National Defense Au-
14 thorization Act for Fiscal Year 2017 (Public Law 114–
15 328), the officer holding a position specified in subsection
16 (b) as of December 23, 2016, in the grade of rear admiral
17 (lower half) or brigadier general, as applicable, may be re-
18 tired after that date in such grade with the retired pay
19 of such grade (unless entitled to higher pay under another
20 provision of law).

21 (b) SPECIFIED POSITIONS.—The positions specified
22 in this subsection are the following:

23 (1) The Assistant Judge Advocate General of
24 the Navy provided for by section 5149(b) of title 10,
25 United States Code.

1 (2) The Assistant Judge Advocate General of
2 the Navy provided for by section 5149(c) of title 10,
3 United States Code.

4 **SEC. 510. SERVICE CREDIT FOR CYBERSPACE EXPERIENCE**
5 **OR ADVANCED EDUCATION UPON ORIGINAL**
6 **APPOINTMENT AS A COMMISSIONED OFFI-**
7 **CER.**

8 (a) ORIGINAL APPOINTMENT AS A RESERVE OFFI-
9 CER.—Section 12207 of title 10, United States Code, is
10 amended—

11 (1) in subsection (a)(2), by inserting “or (e)”
12 after “subsection (b)”;

13 (2) by redesignating subsections (e) and (f) as
14 subsections (f) and (g), respectively;

15 (3) by inserting after subsection (d) the fol-
16 lowing new subsection (e):

17 “(e)(1) Under regulations prescribed by the Secretary
18 of Defense, if the Secretary of a military department de-
19 termines that the number of commissioned officers with
20 cyberspace-related experience or advanced education in re-
21 serve active-status in an armed force under the jurisdic-
22 tion of such Secretary is critically below the number need-
23 ed, such Secretary may credit any person receiving an
24 original appointment as a reserve commissioned officer
25 with a period of constructive service for the following:

1 “(A) Special experience or training in a par-
2 ticular cyberspace-related field if such experience or
3 training is directly related to the operational needs
4 of the armed force concerned.

5 “(B) Any period of advanced education in a
6 cyberspace-related field beyond the baccalaureate de-
7 gree level if such advanced education is directly re-
8 lated to the operational needs of the armed force
9 concerned.

10 “(2) Constructive service credited an officer under
11 this subsection shall not exceed one year for each year of
12 special experience, training, or advanced education, and
13 not more than three years total constructive service may
14 be credited.

15 “(3) Constructive service credited an officer under
16 this subsection is in addition to any service credited that
17 officer under subsection (a) and shall be credited at the
18 time of the original appointment of the officer.

19 “(4) The authority to award constructive service
20 credit under this subsection expires on December 31,
21 2023.”; and

22 (4) in subsection (f), as redesignated by para-
23 graph (2), by striking “or (d)” and inserting “, (d),
24 or (e)”.

1 (b) EXTENSION OF AUTHORITY IN CONNECTION
2 WITH ORIGINAL APPOINTMENT OF REGULAR OFFI-
3 CERS.—Section 533(g)(4) of such title is amended by
4 striking “December 31, 2018” and inserting “December
5 31, 2023”.

6 **SEC. 510A. AUTHORITY FOR OFFICERS TO OPT-OUT OF PRO-**
7 **MOTION BOARD CONSIDERATION.**

8 (a) ACTIVE-DUTY LIST OFFICERS.—Section 619 of
9 title 10, United States Code, is amended—

10 (1) in subsection (d), by adding at the end the
11 following new paragraph:

12 “(6) An officer excluded under subsection (e).”;

13 and

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

16 “(e) AUTHORITY TO PERMIT OFFICERS TO OPT OUT
17 OF SELECTION BOARD CONSIDERATION.—The Secretary
18 of Defense may authorize the Secretary of a military de-
19 partment to provide that an officer under the jurisdiction
20 of that Secretary may, upon the officer’s request and with
21 the approval of the Secretary concerned, be excluded from
22 consideration by a selection board convened under section
23 611(a) of this title to consider officers for promotion to
24 the next higher grade. The Secretary concerned may only
25 approve such a request if—

1 “(1) the basis for the request is to allow an of-
2 ficer to complete a broadening assignment, advanced
3 education, another assignment of significant value to
4 the Department of Defense, or a career progression
5 requirement delayed by the assignment of education;

6 “(2) the Secretary concerned determines the ex-
7 clusion from consideration is in the best interest of
8 the military department concerned; and

9 “(3) the officer has not previously failed of se-
10 lection for promotion to the grade for which the offi-
11 cer requests the exclusion from consideration.”.

12 (b) RESERVE ACTIVE-STATUS LIST OFFICERS.—Sec-
13 tion 14301 of such title is amended—

14 (1) in subsection (c)—

15 (A) in the subsection heading, by striking
16 “PREVIOUSLY SELECTED OFFICERS NOT ELI-
17 GIBLE” and inserting “CERTAIN OFFICERS
18 NOT”; and

19 (B) by adding at the end the following new
20 paragraph:

21 “(6) An officer excluded under subsection (j).”;

22 and

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

1 “(j) AUTHORITY TO PERMIT OFFICERS TO OPT OUT
2 OF SELECTION BOARD CONSIDERATION.—The Secretary
3 of Defense may authorize the Secretary of a military de-
4 partment to provide that an officer under the jurisdiction
5 of that Secretary may, upon the officer’s request and with
6 the approval of the Secretary concerned, be excluded from
7 consideration by a selection board convened under section
8 14101(a) of this title to consider officers for promotion
9 to the next higher grade. The Secretary concerned may
10 only approve such a request if—

11 “(1) the basis for the request is to allow an of-
12 ficer to complete a broadening assignment, advanced
13 education, another assignment of significant value to
14 the Department of Defense, or a career progression
15 requirement delayed by the assignment or education;

16 “(2) the Secretary concerned determines the ex-
17 clusion from consideration is in the best interest of
18 the military department concerned; and

19 “(3) the officer has not previously failed of se-
20 lection for promotion to the grade for which the offi-
21 cer requests the exclusion from consideration.”.

1 **SEC. 510B. REAUTHORIZATION OF AUTHORITY TO ORDER**
2 **RETIRED MEMBERS TO ACTIVE DUTY IN**
3 **HIGH-DEMAND, LOW-DENSITY ASSIGNMENTS.**

4 Section 688a(f) of title 10, United States Code, is
5 amended by striking “after December 21, 2011.” and in-
6 serting “outside a period as follows:

7 “(1) The period beginning on December 2,
8 2002, and ending on December 31, 2011.

9 “(2) The period beginning on the date of the
10 enactment of the National Defense Authorization
11 Act for Fiscal Year 2018 and ending on December
12 31, 2022.”.

13 **Subtitle B—Reserve Component**
14 **Management**

15 **SEC. 511. CONSOLIDATION OF AUTHORITIES TO ORDER**
16 **MEMBERS OF THE RESERVE COMPONENTS**
17 **OF THE ARMED FORCES TO PERFORM DUTY.**

18 Section 515 of the National Defense Authorization
19 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.
20 810) is amended—

21 (1) in the second sentence of subsection (b), by
22 striking “such legislation as would be necessary to
23 amend titles 10, 14, 32, and 37 of the United States
24 Code and other provisions of law in order to imple-
25 ment the Secretary’s approach by October 1, 2018”

1 and inserting “legislation implementing the alternate
2 approach by April 30, 2019”; and

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

5 “(c) ATTRIBUTES OF ALTERNATE APPROACH.—The
6 Secretary of Defense shall ensure the alternate approach
7 described in subsection (b)—

8 “(1) reduces the number of statutory authori-
9 ties by which members of the reserve components of
10 the Armed Forces may be ordered to perform duty
11 to not more than 8 statutory authorities grouped
12 into 4 duty categories to which specific pay and ben-
13 efits may be aligned, which categories shall in-
14 clude—

15 “(A) one duty category that shall generally
16 reflect active service performed in support of
17 contingency type operations or other military
18 actions in support of the commander of a com-
19 batant command;

20 “(B) a second duty category that shall—

21 “(i) generally reflect active service not
22 described in subparagraph (A); and

23 “(ii) consist of training, administra-
24 tion, operational support, and full-time
25 support of the reserve components;

1 “(C) a third duty category that shall—

2 “(i) generally reflect duty performed
3 under direct military supervision while not
4 in active service; and

5 “(ii) include duty characterized by
6 partial-day service; and

7 “(D) a fourth duty category that shall—

8 “(i) generally reflect remote duty com-
9 pleted while not under direct military su-
10 pervision; and

11 “(ii) include completion of correspond-
12 ence courses and telework;

13 “(2) distinguishes among duty performed under
14 titles 10, 14, and 32, United States Code, and en-
15 sures that the reasons the members of the reserve
16 components are utilized under the statutory authori-
17 ties which exist prior to the alternate approach are
18 preserved and can be tracked as separate and dis-
19 tinct purposes;

20 “(3) minimizes, to the maximum extent prac-
21 ticable, disruptions in pay and benefits for members,
22 and adheres to the principle that a member should
23 receive pay and benefits commensurate with the na-
24 ture and performance of the member’s duties;

1 “(4) ensures the Secretary has the flexibility to
2 meet emerging requirements and to effectively man-
3 age the force; and

4 “(5) aligns Department of Defense program-
5 ming and budgeting to the types of duty members
6 perform.”.

7 **SEC. 512. ESTABLISHMENT OF OFFICE OF COMPLEX INVES-**
8 **TIGATIONS WITHIN THE NATIONAL GUARD**
9 **BUREAU.**

10 (a) ESTABLISHMENT.—Chapter 1101 of title 10,
11 United States Code, is amended by adding at the end the
12 following new section:

13 **“§ 10509. Office of Complex Investigations**

14 “(a) IN GENERAL.—There is in the National Guard
15 Bureau an Office of Complex Investigations (in this sec-
16 tion referred to as the ‘Office’) under the authority, direc-
17 tion, and control of the Chief of the National Guard Bu-
18 reau.

19 “(b) DISPOSITION AND FUNCTIONS.—The Office
20 shall be organized, trained, equipped, and managed to con-
21 duct administrative investigations in order to assist the
22 States in the organization, maintenance, and operation of
23 the National Guard as follows:

24 “(1) In investigations of allegations of sexual
25 assault involving members of the National Guard.

1 “(2) In investigations in circumstances involv-
2 ing members of the National Guard in which other
3 law enforcement agencies within the Department of
4 Defense do not have, or have limited, jurisdiction or
5 authority to investigate.

6 “(3) In investigations in such other cir-
7 cumstances involving members of the National
8 Guard as the Chief of the National Guard Bureau
9 may direct.

10 “(c) SCOPE OF INVESTIGATIVE AUTHORITY.—Indi-
11 viduals performing investigations described in subsection
12 (b)(1) are authorized—

13 “(1) to have access to all records, reports, au-
14 dits, reviews, documents, papers, recommendations,
15 or other material available to the applicable estab-
16 lishment which relate to programs and operations
17 with respect to the National Guard; and

18 “(2) to request such information or assistance
19 as may be necessary for carrying out those duties
20 from any Federal, State, or local governmental agen-
21 cy or unit thereof.”.

22 (b) CLERICAL AMENDMENT.—The table of sections
23 at the beginning of chapter 1101 of such title is amended
24 by adding at the end the following new item:

“10509. Office of Complex Investigations.”.

1 **Subtitle C—General Service**
2 **Authorities**

3 **SEC. 516. REPORT ON POLICIES FOR REGULAR AND RE-**
4 **SERVE OFFICER CAREER MANAGEMENT.**

5 (a) REPORT REQUIRED.—Not later than March 1,
6 2018, the Secretary of Defense shall submit to the Com-
7 mittees on Armed Services of the Senate and the House
8 of Representatives a report setting forth the results of a
9 review, undertaken by the Secretary for purposes of the
10 report, of the policies of the Department of Defense for
11 the career management of regular and reserve officers of
12 the Armed Forces pursuant to the Defense Officer Per-
13 sonnel Management Act (commonly referred to as
14 “DOPMA”) and the Reserve Officer Personnel Manage-
15 ment Act (commonly referred to as “ROPMA”).

16 (b) ELEMENTS.—The report required by subsection
17 (a) shall include recommendations for the following:

18 (1) Mechanisms to increase the ability of offi-
19 cers to repeatedly transition between active duty and
20 reserve active-status throughout the course of their
21 military careers.

22 (2) Mechanisms to provide the Armed Forces
23 additional flexibility in managing the populations of
24 officers in the grades of major, lieutenant colonel,

1 and colonel and Navy grades of lieutenant com-
2 mander, commander, and captain.

3 (3) Mechanisms to use the modernized retire-
4 ment system provided by part I of subtitle D of title
5 VI of the National Defense Authorization Act for
6 Fiscal Year 2016 (Public Law 114–92) to encourage
7 officers to pursue careers of lengths that vary from
8 the traditional 20-year military career.

9 (4) Mechanisms to provide for alternative ca-
10 reer tracks for officers that encourage and facilitate
11 the recruitment and retention of officers with tech-
12 nical expertise.

13 (5) Mechanisms for a career and promotion
14 path for officers in cyber-related specialties.

15 (6) Mechanism to ensure the officer corps does
16 not become disproportionately weighted toward offi-
17 cers serving in the grades of major, lieutenant colo-
18 nel, and colonel and Navy grades of lieutenant com-
19 mander, commander, and captain.

20 (7) Any other mechanisms or matters the Sec-
21 retary considers appropriate to improve the effective
22 recruitment, management, and retention of regular
23 and reserve officers of the Armed Forces.

24 (c) SCOPE OF REPORT.—If any recommendation of
25 the Secretary in the report required by subsection (a) re-

1 quires legislative or administrative action for implementa-
2 tion, the report shall include a proposal for legislative ac-
3 tion, or a description of administrative action, as applica-
4 ble, to implement such recommendation.

5 **SEC. 517. RESPONSIBILITY OF CHIEFS OF STAFF OF THE**
6 **ARMED FORCES FOR STANDARDS AND QUALI-**
7 **FICATIONS FOR MILITARY SPECIALTIES**
8 **WITHIN THE ARMED FORCES.**

9 (a) IN GENERAL.—Except as provided in subsection
10 (d), responsibility within an Armed Force for establishing,
11 approving, and modifying the criteria, standards, and
12 qualifications for military speciality codes within that
13 Armed Force shall be vested solely in the Chief of Staff
14 of that Armed Force.

15 (b) MILITARY SPECIALTY CODES.—For purposes of
16 this section, a military specialty code is as follows:

17 (1) A Military Occupational Speciality Code
18 (MOS) and any other military specialty or military
19 occupational specialty of the Army, in the case of
20 the Army.

21 (2) A Naval Enlisted Code (NEC), Unrestricted
22 Duty code, Restricted Duty code, Restricted Line
23 duty code, Staff Corps code, Limited Duty code,
24 Warrant Officer code, and any other military spe-

1 specialty or military occupational specialty of the Navy,
2 in the case of the Navy.

3 (3) An Air Force Specialty Code (AFSC) and
4 any other military specialty or military occupational
5 specialty of the Air Force, in the case of the Air
6 Force.

7 (4) A Military Occupational Speciality Code
8 (MOS) and any other military specialty or military
9 occupational specialty of the Marine Corps, in the
10 case of the Marine Corps.

11 (c) CHIEF OF STAFF FOR MARINE CORPS.—For pur-
12 poses of this section, the Commandant of the Marine
13 Corps shall be deemed to be the Chief of Staff of the Ma-
14 rine Corps.

15 (d) GENDER INTEGRATION.—Nothing in this section
16 shall be construed to terminate, alter, or revise the author-
17 ity of the Secretary of Defense to establish, approve, mod-
18 ify, or otherwise regulate gender-based criteria, standards,
19 and qualifications for military specialties within the
20 Armed Forces.

1 **SEC. 518. CONFIDENTIAL REVIEW OF CHARACTERIZATION**
 2 **OF TERMS OF DISCHARGE OF MEMBERS OF**
 3 **THE ARMED FORCES WHO ARE SURVIVORS**
 4 **OF SEXUAL ASSAULT.**

5 (a) CODIFICATION OF CURRENT CONFIDENTIAL
 6 PROCESS.—

7 (1) CODIFICATION.—Chapter 79 of title 10,
 8 United States Code, is amended by inserting after
 9 section 1554a a new section 1554b consisting of—

10 (A) a heading as follows:

11 **“§ 1554b. Confidential review of characterization of**
 12 **terms of discharge of members of the**
 13 **armed forces who are survivors of sex-re-**
 14 **lated offenses”;** and

15 (B) a text consisting of the text of section
 16 547 of the Carl Levin and Howard P. “Buck”
 17 McKeon National Defense Authorization Act
 18 for Fiscal Year 2015 (Public Law 113–291;
 19 128 Stat. 3375; 10 U.S.C. 1553 note).

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 Carl Levin and Howard P. “Buck” McKeon Na-
3 tional Defense Authorization Act for Fiscal Year
4 2015 is repealed.

5 (b) TERMINOLOGY.—Subsection (a) of section 1554b
6 of title 10, United States Code, as added by subsection
7 (a) of this section, is amended by striking “victim” each
8 place it appears and inserting “survivor”.

9 (c) CLARIFICATION OF APPLICABILITY TO INDIVID-
10 UALS WHO ALLEGE THEY WERE A SURVIVOR OF A SEX-
11 RELATED OFFENSE DURING MILITARY SERVICE.—Sub-
12 section (a) of such section 1554b, as so added, is further
13 amended by inserting after “sex-related offense” the fol-
14 lowing: “, or alleges that the individual was the survivor
15 of a sex-related offense,”.

16 (d) CONFORMING AMENDMENTS.—Such section
17 1554b, as so added, is further amended—

18 (1) by striking “Armed Forces” each place it
19 appears in subsections (a) and (b) and inserting
20 “armed forces”;

21 (2) in subsection (a)—

22 (A) by striking “boards for the correction
23 of military records of the military department
24 concerned” and inserting “boards of the mili-

1 tary department concerned established in ac-
2 cordance with this chapter”; and

3 (B) by striking “such an offense” and in-
4 sserting “a sex-related offense”;

5 (3) in subsection (b), by striking “boards for
6 the correction of military records” and inserting
7 “boards of the military department concerned estab-
8 lished in accordance with this chapter”; and

9 (4) in subsection (d)—

10 (A) in paragraph (1), by striking “title 10,
11 United States Code” and inserting “this title”;
12 and

13 (B) in paragraphs (2) and (3), by striking
14 “such title” and inserting “this title”.

15 **SEC. 519. IMPROVEMENTS TO CERTAIN AUTHORITIES AND**
16 **PROCEDURES OF DISCHARGE REVIEW**
17 **BOARDS.**

18 (a) REPEAL OF 15-YEAR STATUTE OF LIMITATIONS
19 ON MOTIONS OR REQUESTS FOR REVIEW.—Subsection
20 (a) of section 1553 of title 10, United States Code, is
21 amended by striking the second sentence.

22 (b) TELEPHONIC PRESENTATION OF EVIDENCE.—
23 Subsection (c) of such section is amended in the second
24 sentence by striking “or by affidavit” and inserting “, by

1 affidavit, or by telephone or video conference (to the extent
2 reasonable and technically feasible)”.

3 (c) EFFECTIVE DATE.—The amendments made by
4 this section shall take effect on October 1, 2018.

5 **SEC. 520. PUBLIC AVAILABILITY OF INFORMATION RE-**
6 **LATED TO DISPOSITION OF CLAIMS REGARD-**
7 **ING DISCHARGE OR RELEASE OF MEMBERS**
8 **OF THE ARMED FORCES WHEN THE CLAIMS**
9 **INVOLVE SEXUAL ASSAULT.**

10 (a) BOARDS FOR THE CORRECTION OF MILITARY
11 RECORDS.—Section 1552(h) of title 10, United States
12 Code, is amended by adding at the end the following new
13 paragraph:

14 “(4) The number and disposition of claims de-
15 cided during the calendar quarter preceding the cal-
16 endar quarter in which such information is made
17 available in which sexual assault is alleged to have
18 contributed, whether in whole or in part, to the
19 original characterization of the discharge or release
20 of the claimant.”.

21 (b) DISCHARGE REVIEW BOARDS.—Section 1553(f)
22 of title 10, United States Code, is amended by adding at
23 the end the following new paragraph:

24 “(4) The number and disposition of claims de-
25 cided during the calendar quarter preceding the cal-

1 endar quarter in which such information is made
 2 available in which sexual assault is alleged to have
 3 contributed, whether in whole or in part, to the
 4 original characterization of the discharge or release
 5 of the former member.”.

6 **Subtitle D—Military Justice** 7 **Matters**

8 **SEC. 521. REVISION TO MANUAL FOR COURTS-MARTIAL** 9 **WITH RESPECT TO DISSEMINATION OF VIS-** 10 **UAL DEPICTIONS OF PRIVATE AREAS OR SEX-** 11 **UALLY EXPLICIT CONDUCT WITHOUT THE** 12 **CONSENT OF THE PERSON DEPICTED.**

13 (a) REQUIREMENT TO ENUMERATE OFFENSE FOR
 14 PURPOSES OF GENERAL PUNITIVE ARTICLE.—Not later
 15 than 180 days after the date of the enactment of this Act,
 16 part IV of the Manual for Courts-Martial shall be amend-
 17 ed to include as an enumerated offense under section 934
 18 of title 10, United States Code (article 134 of the Uniform
 19 Code of Military Justice), the distribution of a visual de-
 20 piction of the private area of a person or of sexually ex-
 21 plicit conduct involving a person that was—

22 (1) photographed, videotaped, filmed, or re-
 23 corded by any means with the consent of such per-
 24 son; and

1 ing “(the Uniform Code of Military Justice)” each
2 place it appears as follows:

3 (A) In subsection (a)(1), in the matter pre-
4 ceding subparagraph (A).

5 (B) In subsection (b), in the matter pre-
6 ceding subparagraph (A).

7 (C) In subsection (d), in the matter pre-
8 ceding paragraph (1).

9 (b) ARTICLE 6b.—Section 806b(e)(3) of title 10,
10 United States Code (article 6b(e)(3) of the Uniform Code
11 of Military Justice), is amended—

12 (1) by inserting after “President,” the fol-
13 lowing: “subject to section 830a of this title (article
14 30a).”;

15 (2) by striking “and, to the extent practicable,”
16 and inserting “To the extent practicable, such a pe-
17 tition”; and

18 (3) by striking “before the court.” and inserting
19 “before the Court of Criminal Appeals.”.

20 (c) ARTICLE 30a.—Subsection (a)(1) of section 830a
21 of title 10, United States Code (article 30a of the Uniform
22 Code of Military Justice), as added by section 5202 of the
23 National Defense Authorization Act for Fiscal Year 2017,
24 is amended—

1 (1) in the matter preceding subparagraph (A),
2 by inserting “, or otherwise act on,” after “to re-
3 view”; and

4 (2) by adding at the end the following new sub-
5 paragraph:

6 “(D) Pre-referral matters under subsections (c)
7 and (e) of section 806b of this title (article 6b).”.

8 (d) ARTICLE 39.—Subsection (a)(4) of section 839
9 of title 10, United States Code (article 39 of the Uniform
10 Code of Military Justice), as amended by section 5222(1)
11 of the National Defense Authorization Act for Fiscal Year
12 2017, is amended by striking “in non-capital cases unless
13 the accused requests sentencing by members under section
14 825 of this title (article 25)” and inserting “under section
15 853(b)(1) of this title (article 53(b)(1))”.

16 (e) ARTICLE 43.—Subsection (i) of section 843 of
17 title 10, United States Code (article 43 of the Uniform
18 Code of Military Justice), as added by section 5225(c) of
19 the National Defense Authorization Act for Fiscal Year
20 2017, is amended by striking “DNA EVIDENCE.—” and
21 inserting “DNA EVIDENCE.—”.

22 (f) ARTICLE 48.—Subsection (c)(1) of section 848 of
23 title 10, United States Code (article 48 of the Uniform
24 Code of Military Justice), as amended by section 5230 of
25 the National Defense Authorization Act for Fiscal Year

1 2017, is further amended by striking “section 866(g) of
2 this title (article 66(g))” and inserting “section 866(h) of
3 this title (article 66(h))”.

4 (g) ARTICLE 53.—Subsection (b)(1)(B) of section
5 853 of title 10, United States Code (article 53 of the Uni-
6 form Code of Military Justice), as amended by section
7 5236 of the National Defense Authorization Act for Fiscal
8 Year 2017, is further amended by striking “in a trial”.

9 (h) ARTICLE 53a.—Subsection (d) of section 853a of
10 title 10, United States Code (article 53a of the Uniform
11 Code of Military Justice), as added by section 5237 of the
12 National Defense Authorization Act for Fiscal Year 2017,
13 is amended by striking “military judge” the second place
14 it appears and inserting “court-martial”.

15 (i) ARTICLE 56.—Subsection (d)(1) of section 856 of
16 title 10, United States Code (article 56 of the Uniform
17 Code of Military Justice), as amended by section 5301 of
18 the National Defense Authorization Act for Fiscal Year
19 2017, is further amended—

20 (1) in the matter preceding subparagraph (A),
21 by inserting after “concerned,” the following: “under
22 standards and procedures set forth in regulations
23 prescribed by the President,”; and

24 (2) in subparagraph (B), by inserting after
25 “(B)” the following: “as determined in accordance

1 with standards and procedures prescribed by the
2 President,”.

3 (j) ARTICLE 58a.—

4 (1) Subsection (a) of section 858a of title 10,
5 United States Code (article 58a of the Uniform
6 Code of Military Justice), as amended by section
7 5303(1) of the National Defense Authorization Act
8 for Fiscal Year 2017, is further amended in the
9 matter after paragraph (3) by inserting after “re-
10 duces” the following: “, if such a reduction is au-
11 thorized by regulation prescribed by the President,”.

12 (2) The heading of such section (article) is
13 amended to read as follows:

14 **“§ 858a. Art 58a. Sentences: reduction in enlisted**
15 **grade”.**

16 (k) ARTICLE 58b.—Subsection (b) of section 858b of
17 title 10, United States Code (article 58b of the Uniform
18 Code of Military Justice), is amended in the first sentence
19 by striking “section 860 of this title (article 60)” and in-
20 serting “section 860a or 860b of this title (article 60a or
21 60b)”.

22 (l) ARTICLE 62.—Subsection (b) of section 862 of
23 title 10, United States Code (article 62 of the Uniform
24 Code of Military Justice), is amended by striking “, not-
25 withstanding section 866(c) of this title (article 66(c))”.

1 (m) ARTICLE 63.—Subsection (b) of section 863 of
2 title 10, United States Code (article 63 of the Uniform
3 Code of Military Justice), as added by section 5327 of the
4 National Defense Authorization Act for Fiscal Year 2017,
5 is amended by striking the period at the end and inserting
6 “, subject to such limitations as the President may pre-
7 scribe by regulation.”.

8 (n) ARTICLE 64.—Subsection (a) of section 864 of
9 title 10, United States Code (article 64 of the Uniform
10 Code of Military Justice), as amended by section 5328(a)
11 of the National Defense Authorization Act for Fiscal Year
12 2017, is further amended by striking “(a) (a) IN GEN-
13 ERAL.—” and inserting “(a) IN GENERAL.—”.

14 (o) ARTICLE 65.—Subsection (b)(1) of section 865
15 of title 10, United States Code (article 65 of the Uniform
16 Code of Military Justice), as amended by section 5329 of
17 the National Defense Authorization Act for Fiscal Year
18 2017, is further amended by striking “section 866(b)(2)
19 of this title (article 66(b)(2))” and inserting “section
20 866(b)(3) of this title (article 66(b)(3))”.

21 (p) ARTICLE 66.—Subsection (e)(2)(C) of section
22 866 of title 10, United States Code (article 66 of the Uni-
23 form Code of Military Justice), as amended by section
24 5330 of the National Defense Authorization Act for Fiscal
25 Year 2017, is further amended by inserting after “re-

1 quired” the following: “by regulation prescribed by the
2 President or”.

3 (q) ARTICLE 69.—Subsection (c)(1)(A) of section
4 869 of title 10, United States Code (article 69 of the Uni-
5 form Code of Military Justice), as amended by section
6 5233 of the National Defense Authorization Act for Fiscal
7 Year 2017, is further amended by inserting a comma after
8 “in part”.

9 (r) ARTICLE 82.—Subsection (b) of section 882 of
10 title 10, United States Code (article 82 of the Uniform
11 Code of Military Justice), as amended by section 5403 of
12 the National Defense Authorization Act for Fiscal Year
13 2017, is further amended by striking “section 99” and
14 inserting “section 899”.

15 (s) ARTICLE 103a.—Section 8312(b)(2)(A) of title 5,
16 United States Code, is amended by striking “article 106a”
17 and inserting “article 103a”.

18 (t) ARTICLE 119a.—Subsection (b) of section 919a
19 of title 10, United States Code (article 119a of the Uni-
20 form Code of Military Justice), as amended by section
21 5401(13)(B) of the National Defense Authorization Act
22 for Fiscal Year 2017, is further amended—

23 (1) by striking “928a, 926, and 928” and in-
24 serting “926, 928, and 928a”; and

1 (2) by striking “128a 126, and 128” and in-
2 serting “126, 128, and 128a”.

3 (u) ARTICLE 120.—Subsection (g)(2) of section 920
4 of title 10, United States Code (article 120 of the Uniform
5 Code of Military Justice), as amended by section 5430(b)
6 of the National Defense Authorization Act for Fiscal Year
7 2017, is further amended in the first sentence by striking
8 “brest” and inserting “breast”.

9 (v) ARTICLE 128.—Subsection (b)(2) of section 928
10 of title 10, United States Code (article 128 of the Uniform
11 Code of Military Justice), as amended by section 5441 of
12 the National Defense Authorization Act for Fiscal Year
13 2017, is further amended by striking the comma after
14 “substantial bodily harm”.

15 (w) ARTICLE 132.—Subsection (b)(2) of section 932
16 of title 10, United States Code (article 132 of the Uniform
17 Code of Military Justice), as added by section 5450 of the
18 National Defense Authorization Act for Fiscal Year 2017,
19 is amended by striking “section 1034(h)” and inserting
20 “section 1034(j)”.

21 (x) ARTICLE 146.—Subsection (f) of section 946 of
22 title 10, United States Code (article 146 of the Uniform
23 Code of Military Justice), as amended by section 5521 of
24 the National Defense Authorization Act for Fiscal Year
25 2017, is further amended—

1 (1) in paragraph (2), by striking the sentence
2 beginning “Not later than” and inserting the fol-
3 lowing new sentence: “The analysis under this para-
4 graph shall be included in the assessment required
5 by paragraph (1).”; and

6 (2) by striking paragraph (5) and inserting the
7 following new paragraph (5):

8 “(5) REPORTS.—With respect to each review
9 and assessment under this subsection, the Panel
10 shall submit a report to the Committees on Armed
11 Services of the Senate and the House of Representa-
12 tives. Each report—

13 “(A) shall set forth the results of the re-
14 view and assessment concerned, including the
15 findings and recommendations of the Panel;
16 and

17 “(B) shall be submitted not later than De-
18 cember 31 of the calendar year in which the re-
19 view and assessment is concluded.”.

20 (y) TABLES OF SECTIONS.—

21 (1) The table of sections at the beginning of
22 subchapter II of chapter 47 of title 10, United
23 States Code (the Uniform Code of Military Justice),
24 as amended by section 5541(1) of the National De-
25 fense Authorization Act for Fiscal Year 2017, is fur-

1 ther amended in the items relating to sections 810
2 and 812 (articles 10 and 12) by striking “Art.”.

3 (2) The table of sections at the beginning of
4 subchapter V of chapter 47 of title 10, United
5 States Code (the Uniform Code of Military Justice),
6 as amended by section 5541(2) of the National De-
7 fense Authorization Act for Fiscal Year 2017, is fur-
8 ther amended—

9 (A) by striking “825.” the second place it
10 appears and inserting “825a.”; and

11 (B) in the items relating to sections 825a,
12 826a, and 829 (articles 25a, 26a, and 29), by
13 striking “Art.”.

14 (3) The table of sections at the beginning of
15 subchapter VI of chapter 47 of title 10, United
16 States Code (the Uniform Code of Military Justice),
17 as amended by section 5541(3) of the National De-
18 fense Authorization Act for Fiscal Year 2017, is fur-
19 ther amended—

20 (A) by striking “830.” the second place it
21 appears and inserting “830a.”; and

22 (B) in the items relating to sections 830a
23 and 832 through 835 (articles 30a and 32
24 through 35), by striking “Art.”.

1 (4) The table of sections at the beginning of
2 subchapter VII of chapter 47 of title 10, United
3 States Code (the Uniform Code of Military Justice),
4 as amended by section 5541(4) of the National De-
5 fense Authorization Act for Fiscal Year 2017, is fur-
6 ther amended in the items relating to sections 846
7 through 848, 850, 852, 853, and 853a (articles 46
8 through 48, 50, 52, 53, and 53a) by striking “Art.”.

9 (5) The table of sections at the beginning of
10 subchapter VIII of chapter 47 of title 10, United
11 States Code (the Uniform Code of Military Justice),
12 as amended by section 5541(5) of the National De-
13 fense Authorization Act for Fiscal Year 2017, is fur-
14 ther amended by striking the item relating to section
15 858a (article 58a) and inserting the following new
16 item:

“858a. 58a. Sentences: reduction in enlisted grade.”.

17 (6) The table of sections at the beginning of
18 subchapter IX of chapter 47 of title 10, United
19 States Code (the Uniform Code of Military Justice),
20 as amended by section 5541(6) of the National De-
21 fense Authorization Act for Fiscal Year 2017, is fur-
22 ther amended in the items relating to sections 860
23 through 861, 864 through 866, and 869 (articles 60
24 through 61, 64 through 66, and 69) by striking
25 “Art.”.

1 (7) The table of sections at the beginning of
2 subchapter X of chapter 47 of title 10, United
3 States Code (the Uniform Code of Military Justice),
4 as amended by section 5452 of the National Defense
5 Authorization Act for Fiscal Year 2017, is further
6 amended—

7 (A) in the items relating to sections 877
8 through 934 (articles 77 through 134), by
9 striking “Art.”;

10 (B) in the item relating to section 887a
11 (article 87a), by striking “Resistance” and in-
12 serting “Resistance”;

13 (C) in the item relating to section 908 (ar-
14 ticle 108), by striking “of the United States–
15 Loss” and inserting “of United States–Loss,”;
16 and

17 (D) in the item relating to section 909 (ar-
18 ticle 109), by striking “of the” and inserting
19 “of”.

20 (8) The table of sections at the beginning of
21 subchapter XI of chapter 47 of title 10, United
22 States Code (the Uniform Code of Military Justice),
23 as amended by section 5541(7) of the National De-
24 fense Authorization Act for Fiscal Year 2017, is fur-
25 ther amended in the items relating to sections 936

1 and 940a (articles 136 and 140a) by striking
2 “Art.”.

3 (9) The table of sections at the beginning of
4 subchapter XII of chapter 47 of title 10, United
5 States Code (the Uniform Code of Military Justice),
6 as amended by section 5541(8) of the National De-
7 fense Authorization Act for Fiscal Year 2017, is fur-
8 ther amended in the items relating to sections 946
9 and 946a (articles 146 and 146a) by striking
10 “Art.”.

11 (z) OTHER PROVISIONS OF TITLE 10 IN CONNec-
12 TION WITH UCMJ REFORM.—

13 (1) Section 673(a) of title 10, United States
14 Code, is amended by striking “section 920, 920a, or
15 920c of this title (article 120, 120a, or 120c of the
16 Uniform Code of Military Justice)” and inserting
17 “section 920, 920c, or 930 of this title (article 120,
18 120c, or 130 of the Uniform Code of Military Jus-
19 tice)”.

20 (2) Section 674(a) of such title is amended by
21 striking “section 920, 920a, 920b, 920c, or 925 of
22 this title (article 120, 120a, 120b, 120c, or 125 of
23 the Uniform Code of Military Justice)” and insert-
24 ing “section 920, 920b, 920c, or 930 of this title

1 (article 120, 120b, 120c, or 130 of the Uniform
2 Code of Military Justice)”.

3 (3) Section 1034(c)(2)(A) of such title is
4 amended by striking “sections 920 through 920c of
5 this title (articles 120 through 120c of the Uniform
6 Code of Military Justice)” and inserting “section
7 920, 920b, 920c, or 930 of this title (article 120,
8 120b, 120c, or 130 of the Uniform Code of Military
9 Justice)”.

10 (4) Section 1044e(g)(1) of such title is amend-
11 ed by striking “section 920, 920a, 920b, 920c, or
12 925 of this title (article 120, 120a, 120b, 120c, or
13 125 of the Uniform Code of Military Justice)” and
14 inserting “section 920, 920b, 920c, or 930 of this
15 title (article 120, 120b, 120c, or 130 of the Uniform
16 Code of Military Justice)”.

17 (5) Section 1059(e) of such title is amended—

18 (A) in paragraph (1)(A)(ii), by striking
19 “the approval of” and all that follows through
20 “as approved,” and inserting “entry of judg-
21 ment under section 860c of this title (article
22 60c of the Uniform Code of Military Justice) if
23 the sentence”; and

24 (B) in paragraph (3)(A), by striking “by a
25 court-martial” the second place it appears and

1 all that follows through “include any such pun-
 2 ishment,” and inserting “for a dependent-abuse
 3 offense and the conviction is disapproved or is
 4 otherwise not part of the judgment under sec-
 5 tion 860c of this title (article 60c of the Uni-
 6 form Code of Military Justice) or the punish-
 7 ment is disapproved or is otherwise not part of
 8 the judgment under such section (article),”.

9 (6) Section 1408(h)(10)(A) of such title is
 10 amended by striking “the approval” and all that fol-
 11 lows and inserting “entry of judgment under section
 12 860c of this title (article 60c of the Uniform Code
 13 of Military Justice).”.

14 (aa) EFFECTIVE DATE.—The amendments made by
 15 this section shall take effect immediately after the coming
 16 into effect of the amendments made by division E of the
 17 National Defense Authorization Act for Fiscal Year 2017,
 18 as provided for in section 5542 of that Act.

19 **SEC. 523. PRIORITY OF REVIEW BY COURT OF APPEALS**
 20 **FOR THE ARMED FORCES OF DECISIONS OF**
 21 **COURTS OF CRIMINAL APPEALS ON PETI-**
 22 **TIONS FOR ENFORCEMENT OF VICTIMS’**
 23 **RIGHTS.**

24 (a) PRIORITY.—Section 806b(e)(3) of title 10, United
 25 States Code (article 6b(e)(3) of the Uniform Code of Mili-

1 tary Justice), as amended by section 522(b) of this Act,
2 is further amended by adding at the end the following new
3 sentence: “Review of any decision on such a petition by
4 the Court of Appeals for the Armed Forces shall have pri-
5 ority in the Court of Appeals for the Armed Forces, as
6 determined under the rules of the Court of Appeals for
7 the Armed Forces.”.

8 (b) EFFECTIVE DATE.—The amendment made by
9 subsection (a) shall take effect immediately after the com-
10 ing into effect of the following (in the order specified):

11 (1) The amendments made by division E of the
12 National Defense Authorization Act for Fiscal Year
13 2017 (Public Law 114–328), as provided for in sec-
14 tion 5542 of that Act.

15 (2) The amendments made by section 522(b) of
16 this Act, as provided in section 522(aa) of this Act.

17 **SEC. 524. ASSISTANCE OF DEFENSE COUNSEL IN ADDI-**
18 **TIONAL POST-TRIAL MATTERS FOR ACCUSED**
19 **CONVICTED BY COURT-MARTIAL.**

20 (a) ASSISTANCE.—Subsection (c)(2) of section 838 of
21 title 10, United States Code (article 38 of the Uniform
22 Code of Military Justice), is amended by striking “section
23 860 of this title (article 60)” and inserting “section 860,
24 860a, or 860b of this title (article 60, 60a, or 60b)”.

1 (b) EFFECTIVE DATE.—The amendment made by
2 subsection (a) shall take effect immediately after the com-
3 ing into effect of the amendments made by division E of
4 the National Defense Authorization Act for Fiscal Year
5 2017 (Public Law 114–328), as provided for in section
6 5542 of that Act.

7 **SEC. 525. ENUMERATION OF ADDITIONAL LIMITATIONS ON**
8 **ACCEPTANCE OF PLEA AGREEMENTS BY**
9 **MILITARY JUDGES OF GENERAL OR SPECIAL**
10 **COURTS-MARTIAL.**

11 (a) IN GENERAL.—Subsection (b) of section 853a of
12 title 10, United States Code (article 53a of the Uniform
13 Code of Military Justice), as added by section 5237 of the
14 National Defense Authorization Act for Fiscal Year 2017
15 (Public Law 114–328), 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 (b) **EFFECTIVE DATE.**—The amendments made by
4 subsection (a) shall take effect immediately after the com-
5 ing into effect of the amendments made by division E of
6 the National Defense Authorization Act for Fiscal Year
7 2017, as provided for in section 5542 of that Act.

8 **SEC. 526. ADDITIONAL PROCEEDINGS BY COURTS OF**
9 **CRIMINAL APPEALS BY ORDER OF UNITED**
10 **STATES COURT OF APPEALS FOR THE ARMED**
11 **FORCES.**

12 (a) **IN GENERAL.**—Subsection (f)(3) of section 866
13 of title 10, United States Code (article 66 of the Uniform
14 Code of Military Justice), as amended by section 5330 of
15 the National Defense Authorization Act for Fiscal Year
16 2017 (Public Law 114–328), is further amended—

17 (1) by inserting after “Court” the first place it
18 appears the following: “of Criminal Appeals”; and

19 (2) by adding at the end the following new sen-
20 tence: “If the Court of Appeals for the Armed
21 Forces determines that additional proceedings are
22 warranted, the Court of Criminal Appeals shall
23 order a hearing or other proceeding in accordance
24 with the direction of the Court of Appeals for the
25 Armed Forces.”.

1 (b) EFFECTIVE DATE.—The amendments made by
2 subsection (a) shall take effect immediately after the com-
3 ing into effect of the amendments made by division E of
4 the National Defense Authorization Act for Fiscal Year
5 2017, as provided for in section 5542 of that Act.

6 **SEC. 527. CLARIFICATION OF APPLICABILITY AND EFFEC-**
7 **TIVE DATES FOR STATUTE OF LIMITATIONS**
8 **AMENDMENTS IN CONNECTION WITH UNI-**
9 **FORM CODE OF MILITARY JUSTICE REFORM.**

10 (a) APPLICABILITY OF CERTAIN AMENDMENTS.—Ef-
11 fective as of December 23, 2016, and immediately after
12 the enactment of the National Defense Authorization Act
13 for Fiscal Year 2017 (Public Law 114–328), to which
14 such amendment relates, section 5225(f) of that Act is
15 amended by striking “this subsection” and inserting “this
16 section”.

17 (b) CHILD ABUSE OFFENSES.—With respect to of-
18 fenses committed before the date designated by the Presi-
19 dent under section 5542(a) of the National Defense Au-
20 thorization Act for Fiscal Year 2017, subsection (b)(2)(B)
21 of section 843 of title 10, United States Code (article 43
22 of the Uniform Code of Military Justice), shall be applied
23 as in effect on December 22, 2016.

24 (c) FRAUDULENT ENLISTMENT OR APPOINTMENT
25 OFFENSES.—With respect to the period beginning on the

1 date of the enactment of the National Defense Authoriza-
2 tion Act for Fiscal Year 2017 and ending on the day be-
3 fore the date designated by the President under section
4 5542(a) of that Act, in the application of subsection (h)
5 of section 843 of title 10, United States Code (article 43
6 of the Uniform Code of Military Justice), as added by sec-
7 tion 5225(b) of that Act, the reference in such subsection
8 (h) to section 904a(1) of title 10, United States Code (ar-
9 ticle 104a(1) of the Uniform Code of Military Justice),
10 shall be deemed to be a reference to section 883(1) of title
11 10, United States Code (article 83(1) of the Uniform Code
12 of Military Justice).

13 **SEC. 528. MODIFICATION OF YEAR OF INITIAL REVIEW BY**
14 **MILITARY JUSTICE REVIEW PANEL OF UNI-**
15 **FORM CODE OF MILITARY JUSTICE REFORM**
16 **AMENDMENTS.**

17 (a) IN GENERAL.—Subsection (f)(1) of section 946
18 of title 10, United States Code (article 146 of the Uniform
19 Code of Military Justice), as amended by section 5521 of
20 the National Defense Authorization Act for Fiscal Year
21 2017 (Public Law 114–328), is further amended by strik-
22 ing “fiscal year 2020” and inserting “fiscal year 2021”.

23 (b) EFFECTIVE DATE.—The amendment made by
24 subsection (a) shall take effect immediately after the com-
25 ing into effect of the amendments made by division E of

1 the National Defense Authorization Act for Fiscal Year
2 2017, as provided for in section 5542 of that Act.

3 **SEC. 529. CLARIFICATION OF APPLICABILITY OF CERTAIN**
4 **PROVISIONS OF LAW TO CIVILIAN JUDGES OF**
5 **THE UNITED STATES COURT OF MILITARY**
6 **COMMISSION REVIEW.**

7 Section 950f(b) of title 10, United States Code, is
8 amended by adding at the end the following new para-
9 graph:

10 “(5)(A) For purposes of sections 203, 205, 207, 208,
11 and 209 of title 18, the term ‘special Government em-
12 ployee’ shall include a judge of the Court appointed under
13 paragraph (3).

14 “(B) A person appointed as a judge of the Court
15 under paragraph (3) shall be considered to be an officer
16 or employee of the United States with respect to such per-
17 son’s status as a judge, but only during periods in which
18 such person is performing the duties of such a judge. Any
19 provision of law that prohibits or limits the political or
20 business activities of an employee of the United States
21 shall only apply to such a judge during such periods.”.

1 **SEC. 530. ENHANCEMENT OF EFFECTIVE PROSECUTION**
2 **AND DEFENSE IN COURTS-MARTIAL AND RE-**
3 **LATED MATTERS.**

4 (a) **ADDITIONAL ELEMENT IN PROGRAM FOR EFFEC-**
5 **TIVE PROSECUTION AND DEFENSE.**—Subsection (a)(1) of
6 section 542 of the National Defense Authorization Act for
7 Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2126;
8 10 U.S.C. 827 note) is amended by inserting before the
9 semicolon the following: “or there is adequate supervision
10 and oversight of trial counsel and defense counsel so de-
11 tailed to ensure effective prosecution and defense in the
12 court-martial”.

13 (b) **ASSIGNMENT OF CIVILIAN EMPLOYEES TO SU-**
14 **PERVISE LESS EXPERIENCED JUDGE ADVOCATES IN**
15 **PROSECUTION AND DEFENSE.**—Such section is further
16 amended—

17 (1) by redesignating subsections (c) and (d) as
18 subsections (d) and (e), respectively; and

19 (2) by inserting after subsection (b) the fol-
20 lowing new subsection (c):

21 “(c) **ASSIGNMENT OF CIVILIAN EMPLOYEES TO SU-**
22 **PERVISE LESS EXPERIENCED JUDGE ADVOCATES IN**
23 **PROSECUTION AND DEFENSE.**—

24 “(1) **ASSIGNMENT AUTHORIZED.**—The Sec-
25 retary concerned may assign the function of super-
26 vising and overseeing prosecution or defense in

1 courts-martial by less experienced judge advocates to
2 civilian employees of the military department con-
3 cerned or the Department of Homeland Security, as
4 applicable, who have extensive litigation expertise.

5 “(2) STATUS AS SUPERVISOR.—A civilian em-
6 ployee assigned to supervise and oversee the pros-
7 ecution or defense in a court-martial pursuant to
8 this subsection is not required to be detailed to the
9 case, but must be reasonably available for consulta-
10 tion during court-martial proceedings.”.

11 (c) PILOT PROGRAMS ON PROFESSIONAL DEVELOP-
12 MENTAL PROCESS FOR JUDGE ADVOCATES.—Subsection
13 (d) of such section, as redesignated by subsection (b)(1)
14 of this section, is amended—

15 (1) in paragraph (1), striking “establishing”
16 and all that follows and inserting “a military justice
17 career track for judge advocates under the jurisdic-
18 tion of the Secretary.”;

19 (2) by redesignating paragraph (4) as para-
20 graph (5); and

21 (3) by inserting after paragraph (3) the fol-
22 lowing new paragraph (4):

23 “(4) ELEMENTS.—Each pilot program shall in-
24 clude the following:

1 “(A) A military justice career track for
2 judge advocates that leads to judge advocates
3 with military justice expertise in the grade of
4 colonel, or in the grade of captain in the case
5 of judge advocates of the Navy.

6 “(B) The use of skill identifiers to identify
7 judge advocates for participation in the pilot
8 program from among judge advocates having
9 appropriate skill and experience in military jus-
10 tice matters.

11 “(C) Guidance for promotion boards con-
12 sidering the selection for promotion of officers
13 participating in the pilot program in order to
14 ensure that judge advocates who are partici-
15 pating in the pilot program have the same op-
16 portunity for promotion as all other judge advo-
17 cate officers being considered for promotion by
18 such boards.

19 “(D) Such other matters as the Secretary
20 concerned considers appropriate.”.

1 **SEC. 531. COURT OF APPEALS FOR THE ARMED FORCES JU-**
2 **RISDICTION TO REVIEW INTERLOCUTORY AP-**
3 **PEALS OF DECISIONS ON CERTAIN PETI-**
4 **TIONS FOR WRITS OF MANDAMUS.**

5 Section 806b(e) of title 10, United States Code (arti-
6 cle 6b(e) of the Uniform Code of Military Justice), is
7 amended—

8 (1) in paragraph (1), by striking “paragraph
9 (4)” and inserting “paragraph (5)”;

10 (2) by redesignating paragraph (4) as para-
11 graph (5); and

12 (3) by inserting after paragraph (3) the fol-
13 lowing new paragraph (4):

14 “(4) The Court of Appeals for the Armed Forces may
15 review for legal error a grant or denial of a petition for
16 a writ of mandamus under this subsection by the Court
17 of Criminal Appeals, upon petition of a victim of an of-
18 fense under this chapter or of the accused, and on good
19 cause shown. Any such review shall, to the extent prac-
20 ticable, have priority over all other proceedings of the
21 Court of Appeals.”.

1 **SEC. 532. PUNITIVE ARTICLE ON WRONGFUL BROADCAST**
2 **OR DISTRIBUTION OF INTIMATE VISUAL IM-**
3 **AGES OR VISUAL IMAGES OF SEXUALLY EX-**
4 **PLICIT CONDUCT UNDER THE UNIFORM**
5 **CODE OF MILITARY JUSTICE.**

6 (a) PROHIBITION.—Subchapter X of chapter 47 of
7 title 10, United States Code, is amended by inserting after
8 section 917 (article 117 of the Uniform Code of Military
9 Justice) the following new section (article):

10 **“§ 917a. Art. 117a. Wrongful broadcast or distribution**
11 **of intimate visual images**

12 “(a) PROHIBITION.—Any person subject to this chap-
13 ter who—

14 “(1) knowingly and wrongfully broadcasts or
15 distributes an intimate visual image of another per-
16 son or a visual image of sexually explicit conduct in-
17 volving a person who—

18 “(A) is at least 18 years of age at the time
19 the intimate visual image or visual image of
20 sexually explicit conduct was created;

21 “(B) is identifiable from the intimate vis-
22 ual image or visual image of sexually explicit
23 conduct itself, or from information displayed in
24 connection with the intimate visual image or
25 visual image of sexually explicit conduct; and

1 “(C) does not explicitly consent to the
2 broadcast or distribution of the intimate visual
3 image or visual image of sexually explicit con-
4 duct;

5 “(2) knows or reasonably should have known
6 that the intimate visual image or visual image of
7 sexually explicit conduct was made under cir-
8 cumstances in which the person depicted in the inti-
9 mate visual image or visual image of sexually explicit
10 conduct retained a reasonable expectation of privacy
11 regarding any broadcast or distribution of the inti-
12 mate visual image or visual image of sexually explicit
13 conduct; and

14 “(3) knows or reasonably should have known
15 that the broadcast or distribution of the intimate
16 visual image or visual image of sexually explicit con-
17 duct is likely—

18 “(A) to cause harm, harassment, intimidat-
19 ion, emotional distress, or financial loss for the
20 person depicted in the intimate visual image or
21 visual image of sexually explicit conduct; or

22 “(B) to harm substantially the depicted
23 person with respect to that person’s health,
24 safety, business, calling, career, financial condi-
25 tion, reputation, or personal relationships,

1 is guilty of wrongful distribution of intimate visual images
2 or visual images of sexually explicit conduct and shall be
3 punished as a court-martial may direct.

4 “(b) DEFINITIONS.—In this section (article):

5 “(1) BROADCAST.—The term ‘broadcast’ means
6 to electronically transmit a visual image with the in-
7 tent that it be viewed by a person or persons.

8 “(2) DISTRIBUTE.—The term ‘distribute’
9 means to deliver to the actual or constructive posses-
10 sion of another person, including transmission by
11 mail or electronic means.

12 “(3) INTIMATE VISUAL IMAGE.—The term ‘inti-
13 mate visual image’ means a visual image that de-
14 picts a private area of a person.

15 “(4) PRIVATE AREA.—The term ‘private area’
16 means the naked or underwear-clad genitalia, anus,
17 buttocks, or female areola or nipple.

18 “(5) REASONABLE EXPECTATION OF PRI-
19 VACY.—The term ‘reasonable expectation of privacy’
20 refers to circumstances in which a reasonable person
21 would believe that an intimate visual image of the
22 person, or a visual image of sexually explicit conduct
23 involving the person, would not be broadcast or dis-
24 tributed to another person.

1 “(6) SEXUALLY EXPLICIT CONDUCT.—The term
2 ‘sexually explicit conduct’ means actual or simulated
3 genital-genital contact, oral-genital contact, anal-
4 genital contact, or oral-anal contact, whether be-
5 tween persons of the same or opposite sex, bestiality,
6 masturbation, or sadistic or masochistic abuse.

7 “(7) VISUAL IMAGE.—The term ‘visual image’
8 means the following:

9 “(A) Any developed or undeveloped photo-
10 graph, picture, film or video.

11 “(B) Any digital or computer image, pic-
12 ture, film, or video made by any means, includ-
13 ing those transmitted by any means, including
14 streaming media, even if not stored in a perma-
15 nent format.

16 “(C) Any digital or electronic data capable
17 of conversion into a visual image.”.

18 (b) CLERICAL AMENDMENT.—The table of sections
19 at the beginning of subchapter X of chapter 47 of title
20 10, United States Code (the Uniform Code of Military
21 Justice), is amended by inserting after the item relating
22 to section 917 (article 117) the following new item:

 “917a. 117a. Wrongful broadcast or distribution of intimate visual images.”.

1 **Subtitle E—Member Education,**
2 **Training, Transition, and Resil-**
3 **ience**

4 **SEC. 541. READY, RELEVANT LEARNING INITIATIVE OF THE**
5 **NAVY.**

6 (a) CERTIFICATIONS REQUIRED.—Not later than Oc-
7 tober 1, 2017, and each year thereafter, the Secretary of
8 the Navy shall submit to the Committees on Armed Serv-
9 ices of the Senate and House of Representatives a certifi-
10 cation on the status of implementation of the Ready, Rel-
11 evant Learning initiative of the Navy for each applicable
12 enlisted rating.

13 (b) ELEMENTS.—Each certification under subsection
14 (a) shall include the following:

15 (1) A certification by the Commander of the
16 United States Fleet Forces Command that the block
17 learning and modernized delivery methods of the
18 Ready, Relevant Learning initiative to be imple-
19 mented during the fiscal year beginning in which
20 such certification is submitted will meet or exceed
21 the existing training delivery approach for all associ-
22 ated training requirements.

23 (2) A certification by the Secretary that the
24 content re-engineering necessary to meet all training
25 objectives and transition from the traditional train-

1 ing curriculum to the modernized delivery format to
2 be implemented during such fiscal year will be com-
3 plete prior to such transition, including full
4 functionality of all required course software and
5 hardware.

6 (3) A detailed cost estimate of transitioning to
7 the block learning and modernized delivery ap-
8 proaches to be implemented during such fiscal year
9 with funding listed by purpose, amount, appropria-
10 tions account, budget program element or line item,
11 and end strength adjustments.

12 (4) A detailed phasing plan associated with
13 transitioning to the block learning and modernized
14 delivery approaches to be implemented during such
15 fiscal year, including the current status, timing, and
16 identification of reductions in “A” school and “C”
17 school courses, curricula, funding, and personnel.

18 (5) A certification by the Secretary that—

19 (A) the contracting strategy associated
20 with transitioning to the modernized delivery
21 approach to be implemented during such fiscal
22 year has been completed; and

23 (B) contracting actions contain sufficient
24 specification detail to enable a low risk ap-
25 proach to receiving the deliverable end item or

1 items on-budget, on-schedule, and with satisfac-
2 tory performance.

3 **SEC. 542. ELEMENT IN PRESEPARATION COUNSELING FOR**
4 **MEMBERS OF THE ARMED FORCES ON AS-**
5 **SISTANCE AND SUPPORT SERVICES FOR**
6 **CAREGIVERS OF CERTAIN VETERANS**
7 **THROUGH THE DEPARTMENT OF VETERANS**
8 **AFFAIRS.**

9 (a) IN GENERAL.—Section 1142(b) of title 10,
10 United States Code, is amended by adding at the end the
11 following new paragraph:

12 “(18) A description, developed in consultation
13 with the Secretary of Veterans Affairs, of the assist-
14 ance and support services for family caregivers of el-
15 igible veterans under the program conducted by the
16 Secretary of Veterans Affairs pursuant to section
17 1720G of title 38, including the veterans covered by
18 the program, the caregivers eligible for assistance
19 and support through the program, and the assist-
20 ance and support available through the program.”.

21 (b) PARTICIPATION OF POTENTIAL CAREGIVERS IN
22 APPROPRIATE PRESEPARATION COUNSELING.—

23 (1) IN GENERAL.—In accordance with proce-
24 dures established by the Secretary of Defense, each

1 Secretary of a military department shall take appro-
2 priate actions to achieve the following:

3 (A) To determine whether each member of
4 the Armed Forces under the jurisdiction of such
5 Secretary who is undergoing preseparation
6 counseling pursuant to section 1142 of title 10,
7 United States Code (as amended by subsection
8 (a)), and who may require caregiver services
9 after separation from the Armed Forces has
10 identified an individual to provide such services
11 after the member's separation.

12 (B) In the case of a member described in
13 subparagraph (A) who has identified an indi-
14 vidual to provide caregiver services after the
15 member's separation, at the election of the
16 member, to permit such individual to partici-
17 pate in appropriate sessions of the member's
18 preseparation counseling in order to inform
19 such individual of—

20 (i) the assistance and support services
21 available to caregivers of members after
22 separation from the Armed Forces; and

23 (ii) the manner in which the member's
24 transition to civilian life after separation

1 may likely affect such individual as a care-
2 giver.

3 (2) CAREGIVERS.—For purposes of this sub-
4 section, individuals who provide caregiver services
5 refers to individuals (including a spouse, partner,
6 parent, sibling, adult child, other relative, or friend)
7 who provide physical or emotional assistance to
8 former members of the Armed Forces during and
9 after their transition from military life to civilian life
10 following separation from the Armed Forces.

11 (3) DEADLINE FOR COMMENCEMENT.—Each
12 Secretary of a military department shall commence
13 the actions required pursuant to this subsection by
14 not later than 180 days after the date of the enact-
15 ment of this Act.

16 **SEC. 543. DISCHARGE IN THE SELECTED RESERVE OF THE**
17 **COMMISSIONED SERVICE OBLIGATION OF**
18 **MILITARY SERVICE ACADEMY GRADUATES**
19 **WHO PARTICIPATE IN PROFESSIONAL ATH-**
20 **LETICS.**

21 (a) UNITED STATES MILITARY ACADEMY.—Section
22 4348(a) of title 10, United States Code, is amended by
23 adding at the end the following new paragraph:

24 “(5) That, if upon graduation the cadet obtains
25 employment as a professional athlete in lieu of the

1 acceptance of an appointment tendered under para-
2 graph (2), the cadet—

3 “(A) will accept an appointment as a com-
4 missioned officer as a Reserve in the Army for
5 service in the Army Reserve; and

6 “(B) will remain in that reserve component
7 as a member of the Selected Reserve until com-
8 pletion of the commissioned service obligation of
9 the cadet.”.

10 (b) UNITED STATES NAVAL ACADEMY.—Section
11 6959(a) of title 10, United States Code, is amended by
12 adding at the end the following new paragraph:

13 “(5) That, if upon graduation the midshipman
14 obtains employment as a professional athlete in lieu
15 of the acceptance of an appointment tendered under
16 paragraph (2), the midshipman—

17 “(A) will accept an appointment as a com-
18 missioned officer as a Reserve in the Navy for
19 service in the Navy Reserve or the Marine
20 Corps Reserve; and

21 “(B) will remain in that reserve component
22 as a member of the Selected Reserve until com-
23 pletion of the commissioned service obligation of
24 the midshipman.”.

1 (c) UNITED STATES AIR FORCE ACADEMY.—Section
2 9348(a) of title 10, United States Code, is amended by
3 adding at the end the following new paragraph:

4 “(5) That, if upon graduation the cadet obtains
5 employment as a professional athlete in lieu of the
6 acceptance of an appointment tendered under para-
7 graph (2), the cadet—

8 “(A) will accept an appointment as a com-
9 missioned officer as a Reserve in the Air Force
10 for service in the Air Force Reserve; and

11 “(B) will remain in that reserve component
12 as a member of the Selected Reserve until com-
13 pletion of the commissioned service obligation of
14 the cadet.”.

15 (d) APPLICATION OF AMENDMENTS.—The Secre-
16 taries of the military departments shall promptly revise
17 the cadet and midshipman service agreements under sec-
18 tions 4348, 6959, and 9348 of title 10, United States
19 Code, to reflect the amendments made by this section. The
20 revised agreement shall apply to cadets and midshipmen
21 who are attending the United States Military Academy,
22 the United States Naval Academy, or the United States
23 Air Force Academy on the date of the enactment of this
24 Act and to persons who begin attendance at such military
25 service academies on or after that date.

1 **SEC. 544. PILOT PROGRAMS ON APPOINTMENT IN THE EX-**
2 **CEPTED SERVICE IN THE DEPARTMENT OF**
3 **DEFENSE OF PHYSICALLY DISQUALIFIED**
4 **FORMER CADETS AND MIDSHIPMEN.**

5 (a) PILOT PROGRAMS AUTHORIZED.—

6 (1) IN GENERAL.—Each Secretary of a military
7 department may carry out a pilot program under
8 which former cadets or midshipmen described in
9 paragraph (2) (in this section referred to as “eligible
10 individuals”) under the jurisdiction of such Sec-
11 retary may be appointed by the Secretary of Defense
12 in the excepted service under section 3320 of title 5,
13 United States Code, in the Department of Defense.

14 (2) CADETS AND MIDSHIPMEN.—Except as pro-
15 vided in paragraph (3), a former cadet or mid-
16 shipman described in this paragraph is any former
17 cadet at the United States Military Academy or the
18 United States Air Force Academy, and any former
19 midshipman at the United States Naval Academy,
20 who—

21 (A) completed the prescribed course of in-
22 struction and graduated from the applicable
23 service academy; and

24 (B) is determined to be medically disquali-
25 fied to complete a period of active duty in the
26 Armed Forces prescribed in an agreement

1 signed by such cadet or midshipman in accord-
2 ance with section 4348, 6959, or 9348 of title
3 10, United States Code.

4 (3) EXCEPTION.—A former cadet or mid-
5 shipman whose medical disqualification as described
6 in paragraph (2)(B) is the result of the gross neg-
7 ligence or misconduct of the former cadet or mid-
8 shipman is not an eligible individual for purposes of
9 appointment under a pilot program.

10 (b) PURPOSE.—The purpose of the pilot programs is
11 to evaluate the feasibility and advisability of permitting
12 eligible individuals who cannot accept a commission or
13 complete a period of active duty in the Armed Forces pre-
14 scribed by the Secretary of the military department con-
15 cerned to fulfill an obligation for active duty service in
16 the Armed Forces through service as a civilian employee
17 of the Department of Defense

18 (c) POSITIONS.—

19 (1) IN GENERAL.—The positions to which an el-
20 igible individual may be appointed under a pilot pro-
21 gram are existing positions within the Department
22 of Defense in grades up to GS-9 under the General
23 Schedule under section 5332 of title 5, United
24 States Code (or equivalent). The authority in sub-
25 section (a) does not authorize the creation of addi-

1 tional positions, or create any vacancies to which eli-
2 gible individuals may be appointed under a pilot pro-
3 gram.

4 (2) TERM POSITIONS.—Any appointment under
5 a pilot program shall be to a position having a term
6 of five years or less.

7 (d) SCOPE OF AUTHORITY.—

8 (1) RECRUITMENT AND RETENTION OF ELIGI-
9 BLE INDIVIDUALS.—The authority in subsection (a)
10 may be used only to the extent necessary to recruit
11 and retain on a non-competitive basis cadets and
12 midshipmen who are relieved of an obligation for ac-
13 tive duty in the Armed Forces due to becoming
14 medically disqualified from serving on active duty in
15 the Armed Forces, and may not be used to appoint
16 any other individuals in the excepted service.

17 (2) VOLUNTARY ACCEPTANCE OF APPOINT-
18 MENTS.—A pilot program may not be used as an
19 implicit or explicit basis for compelling an eligible in-
20 dividual to accept an appointment in the excepted
21 service in accordance with this section.

22 (e) RELATIONSHIP TO REPAYMENT PROVISIONS.—
23 Completion of a term appointment pursuant to a pilot pro-
24 gram shall relieve the eligible individual concerned of any
25 repayment obligation under section 303a(e) or 373 of title

1 37, United States Code, with respect to the agreement of
2 the individual described in subsection (b)(2)(B).

3 (f) TERMINATION.—

4 (1) IN GENERAL.—The authority to appoint eli-
5 gible individuals in the excepted service under a pilot
6 program shall expire on the date that is four years
7 after the date of the enactment of this Act.

8 (2) EFFECT ON EXISTING APPOINTMENTS.—

9 The termination by paragraph (1) of the authority
10 in subsection (a) shall not affect any appointment
11 made under that authority before the termination
12 date specified in paragraph (1) in accordance with
13 the terms of such appointment.

14 **SEC. 545. LIMITATION ON AVAILABILITY OF FUNDS FOR AT-**
15 **TENDANCE OF AIR FORCE ENLISTED PER-**
16 **SONNEL AT AIR FORCE OFFICER PROFES-**
17 **SIONAL MILITARY EDUCATION IN-RESIDENCE**
18 **COURSES.**

19 (a) LIMITATION.—None of the funds authorized to
20 be appropriated or otherwise available for the Department
21 of the Air Force may be obligated or expended for the
22 purpose of the attendance of Air Force enlisted personnel
23 at Air Force officer professional military education (PME)
24 in-residence courses until the later of—

1 (1) the date on which the Secretary of the Air
2 Force submits to the Committees on Armed Services
3 of the Senate and the House of Representatives, and
4 to the Comptroller General of the United States, a
5 report on the attendance of such personnel at such
6 courses as described in subsection (b);

7 (2) the date on which the Comptroller General
8 submits to such committees the report setting forth
9 an assessment of the report under paragraph (1) as
10 described in subsection (c); or

11 (3) 180 days after the date of the enactment of
12 this Act.

13 (b) SECRETARY OF THE AIR FORCE REPORT.—The
14 report of the Secretary described in subsection (a)(1) shall
15 include the following:

16 (1) The purpose of the attendance of Air Force
17 enlisted personnel at Air Force officer professional
18 military education in-residence courses.

19 (2) The objectives for the attendance of such
20 enlisted personnel at such officer professional mili-
21 tary education courses.

22 (3) The required prerequisites for such enlisted
23 personnel to attend such officer professional military
24 education courses.

1 (4) The process for selecting such enlisted per-
2 sonnel to attend such officer professional military
3 education courses.

4 (5) The impact of the attendance of such en-
5 listed personnel at such officer professional military
6 education courses on the availability of officer alloca-
7 tions for the attendance of officers at such courses.

8 (6) The impact of the attendance of such en-
9 listed personnel at such officer professional military
10 education courses on the morale and retention of of-
11 ficers attending such courses.

12 (7) The resources required for such enlisted
13 personnel to attend such officer professional military
14 education courses.

15 (8) The impact on unit and overall Air Force
16 manning levels of the attendance of such enlisted
17 personnel at such officer professional military edu-
18 cation courses, especially at the statutorily-limited
19 end strengths of grades E-8 and E-9.

20 (9) The extent to which graduation by such en-
21 listed personnel from such officer professional mili-
22 tary education courses is a requirement for Air
23 Force or joint assignments.

1 (10) The planned assignment utilization for Air
2 Force enlisted graduates of such officer professional
3 military education courses.

4 (11) Any other matters in connection with the
5 attendance of such enlisted personnel at such officer
6 professional military education courses that the Sec-
7 retary considers appropriate.

8 (c) COMPTROLLER GENERAL OF THE UNITED
9 STATES REPORT.—

10 (1) IN GENERAL.—Not later than 90 days after
11 the date the Secretary submits the report described
12 in subsection (a)(1), the Comptroller General shall
13 submit to the Committees on Armed Services of the
14 Senate and the House of Representatives a briefing
15 on an assessment of the report by the Comptroller
16 General. As soon as practicable after the briefing,
17 the Comptroller General shall submit to such com-
18 mittees a report on such assessment for purposes of
19 subsection (a)(2).

20 (2) ELEMENTS.—The report under paragraph
21 (1) shall include the following:

22 (A) An assessment of whether the conclu-
23 sions and assertions included in the report of
24 the Secretary under subsection (a) are com-

1 comprehensive, fully supported, and sufficiently de-
2 tailed.

3 (B) An identification of any shortcomings,
4 limitations, or other reportable matters that af-
5 fect the quality of the findings or conclusions of
6 the report of the Secretary.

7 **SEC. 546. PILOT PROGRAM ON INTEGRATION OF DEPART-**
8 **MENT OF DEFENSE AND NON-FEDERAL EF-**
9 **FORTS FOR CIVILIAN EMPLOYMENT OF MEM-**
10 **BERS OF THE ARMED FORCES FOLLOWING**
11 **TRANSITION FROM ACTIVE DUTY TO CIVIL-**
12 **IAN LIFE.**

13 (a) PILOT PROGRAM REQUIRED.—

14 (1) IN GENERAL.—The Secretary of Defense
15 shall conduct a pilot program to assess the
16 feasability and advisability of assisting members of
17 the Armed Forces described in subsection (c) who
18 are undergoing the transition from active duty in the
19 Armed Forces to civilian life by accelerating and im-
20 proving their access to employment following their
21 transition to civilian life through the coordination,
22 integration, and leveraging of existing programs and
23 authorities of the Department of Defense for such
24 purposes with programs and resources of State and
25 local agencies, institutions of higher education, em-

1 employers, and other public, private, and nonprofit en-
2 tities applicable to the pilot program.

3 (2) EXISTING COMMUNITY PROGRAMS AND RE-
4 SOURCES.—For purposes of this section, existing
5 programs and resources of State and local agencies,
6 institutions of higher education, employers, and
7 other public, private, and nonprofit entities described
8 in paragraph (1) in the vicinity of a location of the
9 pilot program are referred to as the “existing com-
10 munity programs and resources” in that vicinity.

11 (b) GOALS.—The goals of the pilot program shall be
12 as follows:

13 (1) To facilitate the coordination of existing
14 community programs and resources in the locations
15 of the pilot program in order to identify a model for
16 the coordination of such programs and authorities
17 that can be replicated nationwide in communities in
18 which members of the Armed Forces described in
19 subsection (c) are undergoing the transition from ac-
20 tive duty to civilian life.

21 (2) To identify mechanisms by which the De-
22 partment of Defense and existing community pro-
23 grams and resources may work with employers and
24 members of the Armed Forces described in sub-
25 section (c) in order to—

1 (A) identify workforce needs that may be
2 satisfiable by such members following their
3 transition to civilian life;

4 (B) identify military occupational skills
5 that may satisfy the workforce needs identified
6 pursuant to subparagraph (A); and

7 (C) identify gaps in the training of mem-
8 bers of the Armed Forces that may require re-
9 mediation in order to satisfy workforce needs
10 identified pursuant to subparagraph (A), and
11 identify mechanisms by which members of the
12 Armed Forces described in subsection (c) may
13 receive training to remediate such gaps.

14 (3) To identify mechanisms to assist members
15 of the Armed Forces described in subsection (c) in
16 bridging geographical gaps between their final mili-
17 tary installations and nearby metropolitan areas in
18 which employment and necessary training are likely
19 to be available to such members during or following
20 their transition to civilian life.

21 (c) COVERED MEMBERS.—The members of the
22 Armed Forces described in this subsection are the fol-
23 lowing:

1 (1) Regular members of the Armed Forces who
2 are within 180 days of discharge or release from the
3 Armed Forces.

4 (2) Members of the reserve components of the
5 Armed Forces (whether National Guard or Reserve)
6 who are on active duty for a period of more than
7 365 days and are within 180 days of release from
8 such active duty.

9 (d) LOCATIONS.—

10 (1) IN GENERAL.—The Secretary shall carry
11 out the pilot program at not less than five locations
12 selected by the Secretary for purposes of the pilot
13 program.

14 (2) SELECTION REQUIREMENTS.—Each location
15 selected pursuant to paragraph (1) shall—

16 (A) include a military installation—

17 (i) that has a well-established mili-
18 tary-civilian community relationship with
19 the civilian communities nearby; and

20 (ii) at which serves an appropriate
21 population of members of the Armed
22 Forces described in subsection (c);

23 (B) have a large employment or industry
24 base that supports a variety of occupational op-
25 portunities;

1 (C) have appropriate institutional infra-
2 structure for the provision of worker training;
3 and

4 (D) take place in a different geographic re-
5 gion of the United States.

6 (e) ELEMENTS.—At each location selected for the
7 pilot program there shall be the following:

8 (1) A mechanism to identify existing commu-
9 nity programs and resources for participation in the
10 pilot program, including programs and resources
11 that are currently working with programs and au-
12 thorities of the Department of Defense to assist
13 members of the Armed Forces described in sub-
14 section (c), and, especially, programs and resources
15 that are recognized as engaging in best practices in
16 working with such programs and authorities of the
17 Department.

18 (2) A mechanism to assess the willingness of
19 employers in the vicinity of such location to partici-
20 pate in the pilot program and employ members of
21 the Armed Forces participating in the pilot program
22 following their transition to civilian life.

23 (3) A mechanism to assess the willingness of
24 the State in which such location is located to recog-

1 nize military training for credit for professional and
2 occupational licenses.

3 (4) A civilian community coordinator for the
4 pilot program, who shall be responsible for imple-
5 mentation and execution of the pilot program for the
6 Department, and for coordinating existing commu-
7 nity programs and resources, at such location by—

8 (A) pursuing a multi-faceted outreach and
9 engagement strategy that leverages relation-
10 ships with appropriate public, private, and non-
11 profit entities in the vicinity of such location for
12 purposes of the pilot program;

13 (B) developing and implementing a pro-
14 gram using existing resources, infrastructure,
15 and experience to maximize the benefits of the
16 pilot program for members of the Armed
17 Forces participating in the pilot program by
18 minimizing the time required for completion of
19 training provided to such members under the
20 pilot program, which program shall—

21 (i) compliment continuing Department
22 efforts to assist members of the Armed
23 Forces in their transition from active duty
24 in the Armed Forces to civilian life and to
25 coordinate with existing veteran employ-

1 ment programs for purposes of such ef-
2 forts;

3 (ii) provide for the cultivation of a
4 network of partners among the entities de-
5 scribed in subparagraph (A) in order to
6 maximize the number of opportunities for
7 civilian employment for members of the
8 Armed Forces participating in the pilot
9 program following their transition to civil-
10 ian life;

11 (iii) provide for the use of comprehen-
12 sive assessments of the military experience
13 gained by members of the Armed Forces
14 participating in the pilot program in order
15 to assist them in obtaining civilian employ-
16 ment relating to their military occupations
17 following their transition to civilian life;

18 (iv) seek to secure for members of the
19 Armed Forces participating in the pilot
20 program maximum credit for prior military
21 service in their pursuit of civilian employ-
22 ment following their transition to civilian
23 life;

24 (v) seek to eliminate unnecessary and
25 redundant elements of the training pro-

1 vided for purposes of the pilot program to
2 members of the Armed Forces partici-
3 pating in the pilot program;

4 (vi) seek to minimize the time re-
5 quired for members of the Armed Forces
6 participating in the pilot program in ob-
7 taining skills, credentials, or certifications
8 required for civilian employment following
9 their transition to civilian life; and

10 (vii) provide for the continuous collec-
11 tion of data and feedback from employers
12 in the vicinity of such location in order to
13 tailor training provided to members of the
14 Armed Forces for purposes of the pilot
15 program to meet the needs of such employ-
16 ers.

17 (5) A plan of action for delivering additional
18 training and credentialing modules for members of
19 the Armed Forces described in subsection (c) in
20 order to seek to provide such members with skills
21 that are in high demand in the vicinity and region
22 of such location.

23 (f) REPORTS.—

24 (1) INITIAL REPORT.—Not later than one year
25 after the date of the commencement of the pilot pro-

1 gram, the Secretary shall submit to the Committees
2 on Armed Services of the Senate and the House of
3 Representatives a report on the pilot program. The
4 report shall include, for each location selected for
5 the pilot program pursuant to subsection (d), the
6 following:

7 (A) A full description of the pilot program,
8 including—

9 (i) the number of members of the
10 Armed Forces participating in the pilot
11 program;

12 (ii) the outreach to public, private,
13 and nonprofit entities conducted for pur-
14 poses of the pilot program to encourage
15 such entities to participate in the pilot pro-
16 gram;

17 (iii) the entities participating in the
18 pilot program, set forth by employment
19 sector;

20 (iv) the number of members partici-
21 pating in the pilot program who obtained
22 employment with an entity participating in
23 the pilot program, set forth by employment
24 sector;

1 (v) a description of any additional
2 training provided to members participating
3 in the pilot program for purposes of the
4 pilot program, including the amount of
5 time required for such additional training;
6 and

7 (vi) a description of the cost of the
8 pilot program.

9 (B) A current assessment of the effect of
10 the pilot program on Department of Defense
11 and community efforts to assist members of the
12 Armed Forces described in subsection (c) in ob-
13 taining civilian employment following their tran-
14 sition to civilian life.

15 (2) FINAL REPORT.—Not later than 90 days
16 before the date on which the pilot program termi-
17 nates, the Secretary shall submit to the Committees
18 on Armed Services of the Senate and the House of
19 Representatives an update of the report submitted
20 under paragraph (1).

21 (g) CONSTRUCTION.—Nothing in this section may be
22 construed to authorize the Secretary to hire additional em-
23 ployees for the Department of Defense to carry out the
24 pilot program.

1 (h) TERMINATION.—The authority of the Secretary
2 to carry out the pilot program shall terminate on the date
3 that is two years after the date on which the pilot program
4 commences.

5 **SEC. 547. TWO-YEAR EXTENSION OF SUICIDE PREVENTION**
6 **AND RESILIENCE PROGRAM FOR THE NA-**
7 **TIONAL GUARD AND RESERVES.**

8 Section 10219(g) of title 10, United States Code, is
9 amended by striking “October 1, 2018” and inserting
10 “October 1, 2020”.

11 **SEC. 548. SEXUAL ASSAULT PREVENTION AND RESPONSE**
12 **TRAINING FOR ALL INDIVIDUALS ENLISTED**
13 **IN THE ARMED FORCES UNDER A DELAYED**
14 **ENTRY PROGRAM.**

15 (a) TRAINING REQUIRED.—Commencing not later
16 than January 1, 2018, each Secretary concerned shall, in-
17 sofar as practicable, provide training on sexual assault
18 prevention and response to each individual under the juris-
19 diction of such Secretary who is enlisted in the Armed
20 Forces under a delayed entry program such that each such
21 individual completes such training before the date of com-
22 mencement of basic training or initial active duty for
23 training in the Armed Forces.

24 (b) ELEMENTS.—

1 (1) IN GENERAL.—The training provided pur-
2 suant to subsection (a) shall meet such requirements
3 as the Secretary of Defense shall establish for pur-
4 poses of this section. Such training shall, to the ex-
5 tent practicable, be uniform across the Armed
6 Forces.

7 (2) SENSE OF CONGRESS ON PROVISION AND
8 NATURE OF TRAINING.—It is the sense of Congress
9 that the training should—

10 (A) be provided through in-person instruc-
11 tion, whenever possible; and

12 (B) include instruction on the proper use
13 of social media.

14 (c) DEFINITIONS.—In this section:

15 (1) The term “delayed entry program” means
16 the following:

17 (A) The Future Soldiers Program of the
18 Army.

19 (B) The Delayed Entry Program of the
20 Navy and the Marine Corps.

21 (C) The program of the Air Force for the
22 delayed entry of enlistees into the Air Force.

23 (D) The program of the Coast Guard for
24 the delayed entry of enlistees into the Coast
25 Guard.

1 (E) Any successor program to a program
2 referred to in subparagraphs (A) through (D).

3 (2) The term “Secretary concerned” has the
4 meaning given that term in section 101(a)(9) of title
5 10, United States Code.

6 **SEC. 549. USE OF ASSISTANCE UNDER DEPARTMENT OF DE-**
7 **FENSE TUITION ASSISTANCE PROGRAM FOR**
8 **NON-TRADITIONAL EDUCATION TO DEVELOP**
9 **CYBERSECURITY AND COMPUTER CODING**
10 **SKILLS.**

11 (a) BRIEFING ON USE REQUIRED.—Not later than
12 60 days after the date of the enactment of this Act, the
13 Secretary of Defense shall provide the Committees on
14 Armed Services of the Senate and the House of Represent-
15 atives a briefing on the feasibility and advisability of the
16 enactment into law of the authority described in sub-
17 section (b).

18 (b) AUTHORITY.—The authority described in this
19 subsection is authority for a member of the Armed Forces
20 who is eligible for tuition assistance under the Department
21 of Defense Tuition Assistance (TA) Program to use such
22 assistance at or with an educational institution described
23 in subsection (c) for courses or programs of education of
24 such educational institution in connection with the fol-
25 lowing:

1 (1) Cybersecurity skills or related skills.

2 (2) Computer coding skills or related skills.

3 (c) EDUCATIONAL INSTITUTIONS.—

4 (1) IN GENERAL.—An educational institution
5 described in this subsection is an educational institu-
6 tion not otherwise approved for participation in the
7 Department of Defense Tuition Assistance Program
8 that receives approval from the Department of De-
9 fense for participation in the program for courses or
10 programs of education described in subsection (b).

11 (2) APPROVAL.—Any approval of the partici-
12 pation of an educational institution in the Program
13 under this subsection would be granted by the
14 Under Secretary of Defense for Personnel and Read-
15 iness in accordance with such guidance as the Under
16 Secretary would issue for purposes of this section.

17 (3) MEMORANDA OF UNDERSTANDING.—The
18 Under Secretary would enter into a memorandum of
19 understanding with each educational institution ap-
20 proved for participation in the Program pursuant to
21 this subsection regarding the participation of such
22 educational institution in the Program. Each memo-
23 randum of understanding would set forth such terms
24 and conditions regarding the participation of the
25 educational institution concerned in the Program, in-

1 including terms and conditions applicable to the
2 courses or programs for which tuition assistance
3 under the Program could be used, as the Under Sec-
4 retary would consider appropriate for purposes of
5 this section.

6 (d) COURSES AND PROGRAMS.—The courses and pro-
7 grams of education for which tuition assistance could be
8 used pursuant to the authority in subsection (b) would in-
9 clude the following:

10 (1) Massive online open courses (MOOCs).

11 (2) Short-term certification courses, including
12 so-called computer coding “boot camps”.

13 (3) Such other non-traditional courses and pro-
14 grams of education leading to skills specified in sub-
15 section (b) as the Under Secretary would consider
16 appropriate for purposes of this section.

17 **Subtitle F—Defense Dependents’**
18 **Education and Military Family**
19 **Readiness Matters**

20 **PART I—DEFENSE DEPENDENTS’ EDUCATION**

21 **MATTERS**

22 **SEC. 551. IMPACT AID FOR CHILDREN WITH SEVERE DIS-**
23 **ABILITIES.**

24 (a) IN GENERAL.—Of the amount authorized to be
25 appropriated for fiscal year 2018 pursuant to section 301

1 and available for operation and maintenance for Defense-
2 wide activities as specified in the funding table in section
3 4301, \$10,000,000 shall be available for payments under
4 section 363 of the Floyd D. Spence National Defense Au-
5 thorization Act for Fiscal Year 2001 (as enacted into law
6 by Public Law 106–398; 114 Stat. 1654A–77; 20 U.S.C.
7 7703a).

8 (b) USE OF CERTAIN AMOUNT.—Of the amount
9 available under subsection (a) for payments as described
10 in that subsection, \$5,000,000 shall be available for such
11 payments to local educational agencies determined by the
12 Secretary of Defense, in the discretion of the Secretary,
13 to have higher concentrations of military children with se-
14 vere disabilities.

15 **SEC. 552. 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 section 4301, \$25,000,000 shall be available

1 only for the purpose of providing assistance to local edu-
 2 cational agencies under subsection (a) of section 572 of
 3 the National Defense Authorization Act for Fiscal Year
 4 2006 (Public Law 109–163; 20 U.S.C. 7703b).

5 (b) LOCAL EDUCATIONAL AGENCY DEFINED.—In
 6 this section, the term “local educational agency” has the
 7 meaning given that term in section 7013(9) of the Ele-
 8 mentary and Secondary Education Act of 1965 (20 U.S.C.
 9 7713(9)).

10 **SEC. 553. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**
 11 **ING TO THE TRANSITION AND SUPPORT OF**
 12 **MILITARY DEPENDENT STUDENTS TO LOCAL**
 13 **EDUCATIONAL AGENCIES.**

14 Section 574(c)(3) of the John Warner National De-
 15 fense Authorization Act for Fiscal Year 2007 (20 U.S.C.
 16 7703b note) is amended by striking “September 30,
 17 2017” and inserting “September 30, 2018”.

18 **PART II—MILITARY FAMILY READINESS**
 19 **MATTERS**

20 **SEC. 556. HOUSING TREATMENT FOR CERTAIN MEMBERS**
 21 **OF THE ARMED FORCES, AND THEIR**
 22 **SPOUSES AND OTHER DEPENDENTS, UNDER-**
 23 **GOING A PERMANENT CHANGE OF STATION**
 24 **WITHIN THE UNITED STATES.**

25 (a) HOUSING TREATMENT.—

1 (1) IN GENERAL.—Chapter 7 of title 37, United
2 States Code, is amended by inserting after section
3 403 the following new section:

4 **“§ 403a. Housing treatment for certain members of**
5 **the armed forces, and their spouses and**
6 **other dependents, undergoing a perma-**
7 **ment change of station within the United**
8 **States**

9 “(a) HOUSING TREATMENT FOR CERTAIN MEMBERS
10 WHO HAVE A SPOUSE OR OTHER DEPENDENTS.—

11 “(1) HOUSING TREATMENT REGULATIONS.—

12 The Secretary of Defense shall prescribe regulations
13 that permit a member of the armed forces described
14 in paragraph (2) who is undergoing a permanent
15 change of station within the United States to re-
16 quest the housing treatment described in subsection
17 (b) during the covered relocation period of the mem-
18 ber.

19 “(2) ELIGIBLE MEMBERS.—A member de-
20 scribed in this paragraph is any member who—

21 “(A) has a spouse who is gainfully em-
22 ployed or enrolled in a degree, certificate or li-
23 cense granting program at the beginning of the
24 covered relocation period;

1 “(B) has one or more dependents attend-
2 ing an elementary or secondary school at the
3 beginning of the covered relocation period;

4 “(C) has one or more dependents enrolled
5 in the Exceptional Family Member Program; or

6 “(D) is caring for an immediate family
7 member with a chronic or long-term illness at
8 the beginning of the covered relocation period.

9 “(b) HOUSING TREATMENT.—

10 “(1) CONTINUATION OF HOUSING FOR THE
11 SPOUSE AND OTHER DEPENDENTS.—If a spouse or
12 other dependent of a member whose request under
13 subsection (a) is approved resides in Government-
14 owned or Government-leased housing at the begin-
15 ning of the covered relocation period, the spouse or
16 other dependent may continue to reside in such
17 housing during a period determined in accordance
18 with the regulations prescribed pursuant to this sec-
19 tion.

20 “(2) EARLY HOUSING ELIGIBILITY.—If a
21 spouse or other dependent of a member whose re-
22 quest under subsection (a) is approved is eligible to
23 reside in Government-owned or Government-leased
24 housing following the member’s permanent change
25 of station within the United States, the spouse or

1 other dependent may commence residing in such
2 housing at any time during the covered relocation
3 period.

4 “(3) TEMPORARY USE OF GOVERNMENT-OWNED
5 OR GOVERNMENT-LEASED HOUSING INTENDED FOR
6 MEMBERS WITHOUT A SPOUSE OR DEPENDENT.—If
7 a spouse or other dependent of a member relocates
8 at a time different from the member in accordance
9 with a request approved under subsection (a), the
10 member may be assigned to Government-owned or
11 Government-leased housing intended for the perma-
12 nent housing of members without a spouse or de-
13 pendent until the member’s detachment date or the
14 spouse or other dependent’s arrival date, but only if
15 such Government-owned or Government-leased hous-
16 ing is available without displacing a member without
17 a spouse or dependent at such housing.

18 “(4) EQUITABLE BASIC ALLOWANCE FOR HOUS-
19 ING.—If a spouse or other dependent of a member
20 relocates at a time different from the member in ac-
21 cordance with a request approved under subsection
22 (a), the amount of basic allowance for housing pay-
23 able may be based on whichever of the following
24 areas the Secretary concerned determines to be the
25 most equitable:

1 “(A) The area of the duty station to which
2 the member is reassigned.

3 “(B) The area in which the spouse or
4 other dependent resides, but only if the spouse
5 or other dependent resides in that area when
6 the member departs for the duty station to
7 which the member is reassigned, and only for
8 the period during which the spouse or other de-
9 pendent resides in that area.

10 “(C) The area of the former duty station
11 of the member, but only if that area is different
12 from the area in which the spouse or other de-
13 pendent resides.

14 “(c) RULE OF CONSTRUCTION RELATED TO CERTAIN
15 BASIC ALLOWANCE FOR HOUSING PAYMENTS.—Nothing
16 in this section shall be construed to limit the payment or
17 the amount of basic allowance for housing payable under
18 section 403(d)(3)(A) of this title to a member whose re-
19 quest under subsection (a) is approved.

20 “(d) INAPPLICABILITY TO COAST GUARD.—This sec-
21 tion does not apply to members of the Coast Guard.

22 “(e) HOUSING TREATMENT EDUCATION.—The regu-
23 lations prescribed pursuant to this section shall ensure the
24 relocation assistance programs under section 1056 of title
25 10 include, as part of the assistance normally provided

1 under such section, education about the housing treatment
2 available under this section.

3 “(f) DEFINITIONS.—In this section:

4 “(1) COVERED RELOCATION PERIOD.—(A) Sub-
5 ject to subparagraph (B), the term ‘covered reloca-
6 tion period’, when used with respect to a permanent
7 change of station of a member of the armed forces,
8 means the period that—

9 “(i) begins 180 days before the date of the
10 permanent change of station; and

11 “(ii) ends 180 days after the date of the
12 permanent change of station.

13 “(B) The regulations prescribed pursuant to
14 this section may provide for a shortening or length-
15 ening of the covered relocation period of a member
16 for purposes of this section.

17 “(2) DEPENDENT.—The term ‘dependent’ has
18 the meaning given that term in section 401 of this
19 title.

20 “(3) PERMANENT CHANGE OF STATION.—The
21 term ‘permanent change of station’ means a perma-
22 nent change of station described in section 452(b)(2)
23 of this title.”.

24 (2) CLERICAL AMENDMENT.—The table of sec-
25 tions at the beginning of chapter 7 such title is

1 amended by inserting after the item relating to sec-
2 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.”.

3 (b) **EFFECTIVE DATE.**—The amendments made by
4 this section shall take effect on October 1, 2018.

5 **SEC. 557. DIRECT HIRE AUTHORITY FOR DEPARTMENT OF**
6 **DEFENSE FOR CHILDCARE SERVICES PRO-**
7 **VIDERS FOR DEPARTMENT CHILD DEVELOP-**
8 **MENT CENTERS.**

9 (a) **IN GENERAL.**—The Secretary of Defense may,
10 without regard to the provisions of subchapter I of chapter
11 33 of title 5, United States Code, recruit and appoint
12 qualified childcare services providers to positions within
13 the Department of Defense child development centers.

14 (b) **REGULATIONS.**—The Secretary shall carry out
15 this section in accordance with regulations prescribed by
16 the Secretary for purposes of this section.

17 (c) **DEADLINE FOR IMPLEMENTATION.**—The Sec-
18 retary shall prescribe the regulations required by sub-
19 section (b), and commence implementation of subsection
20 (a), by not later than May 1, 2018.

21 (d) **CHILDCARE SERVICES PROVIDER DEFINED.**—In
22 this section, the term “childcare services provider” means
23 a person who provides childcare services for dependent
24 children of members of the Armed Forces and civilian em-

1 ployees of the Department of Defense in child development
2 centers on Department installations.

3 **SEC. 558. REPORT ON EXPANDING AND CONTRACTING FOR**
4 **CHILDCARE SERVICES OF THE DEPARTMENT**
5 **OF DEFENSE.**

6 Not later than March 1, 2018, the Secretary of De-
7 fense shall submit to the Committees on Armed Services
8 of the Senate and the House of Representatives a report
9 setting forth an assessment, undertaken by the Secretary
10 for purposes of the report, of the feasibility and advis-
11 ability of the following:

12 (1) Expanding the operating hours of childcare
13 facilities of the Department of Defense in order to
14 meet childcare services requirements for swing-shift,
15 night-shift, and weekend workers.

16 (2) Using contracts with private-sector
17 childcare services providers to expand the availability
18 of childcare services for members of the Armed
19 Forces at locations outside military installations at
20 costs similar to the current costs for childcare serv-
21 ices through child development centers on military
22 installations.

23 (3) Contracting with private-sector childcare
24 services providers to operate childcare facilities of
25 the Department on military installations.

1 (4) Expanding childcare services as described in
2 paragraphs (1) through (3) to members of the Na-
3 tional Guard and Reserves in a manner that does
4 not substantially raise costs of childcare services for
5 the military departments or conflict with others who
6 have a higher priority for space in childcare services
7 programs, such as members of the Armed Forces on
8 active duty.

9 **SEC. 559. REPORT ON REVIEW OF GENERAL SCHEDULE PAY**
10 **GRADES OF CHILDCARE SERVICES PRO-**
11 **VIDERS OF THE DEPARTMENT OF DEFENSE.**

12 (a) REPORT REQUIRED.—Not later than March 1,
13 2018, the Secretary of Defense shall submit to the Com-
14 mittees on Armed Services of the Senate and the House
15 of Representatives a report on a review, undertaken by
16 the Secretary for purposes of the report, of the General
17 Schedule pay grades for childcare services provider posi-
18 tions within the Department of Defense.

19 (b) ELEMENTS OF REVIEW.—The review undertaken
20 for purposes of subsection (a) shall include the following:

21 (1) A comparison of the compensation provided
22 for current General Schedule pay grades for
23 childcare services provider positions within the De-
24 partment with the compensation provided to

1 childcare services providers in the private sector pro-
2 viding similar childcare services.

3 (2) An assessment of the mix of General Sched-
4 ule pay grades currently required by the Department
5 to most effectively recruit and retain childcare serv-
6 ices providers for military dependents.

7 (3) A comparison of the budget implications of
8 the current General Schedule pay grade mix with
9 the General Schedule pay grade mix determined pur-
10 suant to paragraph (2) to be required by the De-
11 partment to most effectively recruit and retain
12 childcare services providers for military dependents.

13 **SEC. 560. PILOT PROGRAM ON PUBLIC-PRIVATE PARTNER-**
14 **SHIPS FOR TELEWORK FACILITIES ON MILI-**
15 **TARY INSTALLATIONS OUTSIDE THE UNITED**
16 **STATES.**

17 (a) IN GENERAL.—Commencing not later than one
18 year after the date of the enactment of this Act, the Sec-
19 retary of Defense shall carry out a pilot program to assess
20 the feasibility and advisability of providing telework facili-
21 ties for military spouses on military installations outside
22 the United States. The Secretary shall consult with the
23 host nation or nations concerned in carrying out the pilot
24 program.

1 (b) NUMBER OF INSTALLATIONS.—The Secretary
2 shall carry out the pilot program at not less than two mili-
3 tary installations outside the United States selected by the
4 Secretary for purposes of the pilot program.

5 (c) DURATION.—The duration of the pilot program
6 shall be a period selected by the Secretary, but not more
7 than three years.

8 (d) ELEMENTS.—The pilot program shall include the
9 following elements:

10 (1) The pilot program shall be conducted as one
11 or more public-private partnerships between the De-
12 partment of Defense and a private corporation or
13 partnership of private corporations.

14 (2) The corporation or corporations partici-
15 pating in the pilot program shall contribute to the
16 carrying out of the pilot program an amount equal
17 to the amount committed by the Secretary to the
18 pilot program at the time of its commencement.

19 (3) The Secretary shall enter into one or more
20 memoranda of understanding with the corporation
21 or corporations participating in the pilot program
22 for purposes of the pilot program, including the
23 amounts to be contributed by such corporation or
24 corporations pursuant to paragraph (2).

1 (4) The telework undertaken by military
2 spouses under the pilot program may only be for
3 United States companies.

4 (5) The pilot program shall permit military
5 spouses to provide administrative, informational
6 technology, professional, and other necessary sup-
7 port to companies through telework from Depart-
8 ment installations outside the United States.

9 (e) FUNDING.—Of the amount authorized to be ap-
10 propriated for fiscal year 2018 by section 401 and avail-
11 able for military personnel as specified in the funding table
12 in section 4401, up to \$1,000,000 may be available to
13 carry out the pilot program, including entry into memo-
14 randa of understanding pursuant to subsection (d)(3) and
15 payment by the Secretary of the amount committed by the
16 Secretary to the pilot program pursuant to subsection
17 (d)(2).

18 **SEC. 561. REPORT ON MECHANISMS TO FACILITATE THE**
19 **OBTAINING BY MILITARY SPOUSES OF PRO-**
20 **FSSIONAL LICENSES OR CREDENTIALS IN**
21 **OTHER STATES.**

22 Not later than March 1, 2018, the Secretary of De-
23 fense shall submit to the Committees on Armed Services
24 of the Senate and the House of Representatives a report

1 setting forth an assessment of the feasibility and advis-
2 ability of the following:

3 (1) The development and maintenance of a
4 joint Federal-State clearing house to process the
5 professional license and credential information of
6 military spouses in order—

7 (A) to facilitate the matching of such in-
8 formation with State professional licensure and
9 credentialing requirements; and

10 (B) to provide military spouses information
11 on the actions required to obtain professional li-
12 censes or credentials in other States.

13 (2) The establishment of a joint Federal-State
14 taskforce dedicated to the elimination of unnecessary
15 or duplicative professional licensure and
16 credentialing requirements among the States.

17 (3) The development and maintenance of an
18 Internet website that serves as a one-stop resource
19 on professional licenses and credentials for military
20 spouses that sets forth license and credential re-
21 quirements for common professions in the States
22 and provides assistance and other resources for mili-
23 tary spouses seeking to obtain professional licenses
24 or credentials in other States.

1 **SEC. 562. ADDITIONAL MILITARY CHILDCARE MATTERS.**

2 (a) HOURS OF OPERATION OF CHILDCARE DEVELOP-
3 MENT CENTERS OF THE DEPARTMENT OF DEFENSE.—

4 (1) IN GENERAL.—The hours of operation of
5 each childcare development center (CDC) of the De-
6 partment of Defense shall, to the extent practicable,
7 be set and maintained in manner that takes into ac-
8 count the demands and circumstances of members of
9 the Armed Forces, including members of the reserve
10 components, who use such center in facilitation of
11 the performance of their military duties.

12 (2) MATTERS TO BE TAKEN INTO ACCOUNT.—
13 The demands and circumstances to be taken into ac-
14 count under paragraph (1) for purposes of setting
15 and maintaining the hours of operation of a
16 childcare development center shall include the fol-
17 lowing:

18 (A) Mission requirements of units whose
19 members use such center.

20 (B) The unpredictability of work schedules,
21 and fluctuations in day-to-day work hours, of
22 such members.

23 (C) The potential for frequent and pro-
24 longed absences of such members for training,
25 operations, and deployments.

1 (D) The location of such center on the
2 military installation concerned, including the lo-
3 cation in connection with duty locations of
4 members and applicable military family hous-
5 ing.

6 (E) The geographic separation of such
7 members from their extended family.

8 (F) The impact on the ability of such
9 members to perform their military duties of em-
10 ployment of their spouses or educational pur-
11 suits of their spouses.

12 (G) Such other matters as the Secretary of
13 the military department concerned considers ap-
14 propriate for purposes of this subsection.

15 (b) **CHILDCARE COORDINATORS FOR MILITARY IN-**
16 **STALLATIONS.**—

17 (1) **CHILDCARE COORDINATORS.**—Each Sec-
18 retary of a military department shall provide for a
19 childcare coordinator at each military installation
20 under the jurisdiction of such Secretary at which are
21 stationed significant numbers of members of the
22 Armed Forces with accompanying dependent chil-
23 dren, as determined by such Secretary.

24 (2) **NATURE OF POSITION.**—The childcare coor-
25 dinator for a military installation may be an indi-

1 vidual appointed to that position on full-time or
2 part-time basis or an individual appointed to another
3 position whose duties in such other position are con-
4 sistent with the discharge by the person of the du-
5 ties of childcare coordinator.

6 (3) DUTIES.—Each childcare coordinator for an
7 installation shall carry out the duties as follows:

8 (A) Act as an advocate for military fami-
9 lies at the installation on childcare matters both
10 on-installation and off-installation.

11 (B) Work with the commander of the in-
12 stallation in order to seek to ensure that the
13 childcare development centers at the installa-
14 tion, together with any other available childcare
15 options on or in the vicinity of the installa-
16 tion—

17 (i) provide a quality of care (including
18 a caregiver-to-child ratio) commensurate
19 with best practices of private providers of
20 childcare services; and

21 (ii) are responsive to the childcare
22 needs of members stationed at the installa-
23 tion and their families.

1 (C) Work with private providers of
2 childcare services in the vicinity of the installa-
3 tion in order to—

4 (i) track vacancies in the childcare fa-
5 cilities of such providers;

6 (ii) seek to increase the availability of
7 affordable childcare services for such mem-
8 bers; and

9 (iii) otherwise ease the use of such
10 services by such members.

11 (D) Such other duties as the Secretary of
12 the military department concerned shall specify.

13 **Subtitle G—Decorations and** 14 **Awards**

15 **SEC. 571. AUTHORITY OF SECRETARY OF THE ARMY TO** 16 **AWARD THE PERSONNEL PROTECTION** 17 **EQUIPMENT AWARD OF THE ARMY TO** 18 **FORMER MEMBERS OF THE ARMY.**

19 Notwithstanding any requirement in section 1125 of
20 title 10, United States Code, relating to the award of
21 awards only to current members of the Armed Forces, the
22 Secretary of the Army may award the Personnel Protec-
23 tion Equipment (PPE) award of the Army to former mem-
24 bers of the Army.

1 **SEC. 572. AUTHORIZATION FOR AWARD OF DISTINGUISHED**
 2 **SERVICE CROSS TO SPECIALIST FRANK M.**
 3 **CRARY FOR ACTS OF VALOR IN VIETNAM.**

4 (a) **AUTHORIZATION.**—Notwithstanding the time lim-
 5 itations specified in section 3744 of title 10, United States
 6 Code, or any other time limitation with respect to the
 7 awarding of certain medals to persons who served in the
 8 Armed Forces, the President may award the Distin-
 9 guished Service Cross under section 3742 of such title to
 10 Specialist Frank M. Crary for the acts of valor in Vietnam
 11 described in subsection (b).

12 (b) **ACTS OF VALOR DESCRIBED.**—The acts of valor
 13 referred to in subsection (a) are the actions of Frank M.
 14 Crary on April 7, 1966, as a member of the Army serving
 15 in the grade of Specialist in Vietnam while serving with
 16 Company D, 1st Battalion (Airborne), 12th Cavalry Regi-
 17 ment, 1st Cavalry Division.

18 **Subtitle H—Other Matters**

19 **SEC. 581. MODIFICATION OF SUBMITTAL DATE OF COMP-**
 20 **TROLLER GENERAL OF THE UNITED STATES**
 21 **REPORT ON INTEGRITY OF THE DEPART-**
 22 **MENT OF DEFENSE WHISTLEBLOWER PRO-**
 23 **GRAM.**

24 Section 536(a) of the National Defense Authorization
 25 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
 26 2124) is amended by striking “18 months after the date

1 of the enactment of this Act” and inserting “December
2 31, 2018”.

3 **SEC. 582. REPORT TO CONGRESS ON ACCOMPANIED AND**
4 **UNACCOMPANIED TOURS OF DUTY IN RE-**
5 **MOTE LOCATIONS WITH HIGH FAMILY SUP-**
6 **PORT COSTS.**

7 Not later than one year after the date of the enact-
8 ment of this Act, the Secretary of Defense shall submit
9 to the congressional defense committees a report setting
10 forth a comparative analysis, undertaken by the Secretary
11 for purposes of the report, of accompanied tours of duty
12 and unaccompanied tours of duty of members of the
13 Armed Forces in remote locations with high family sup-
14 port costs (including facility construction and operation
15 costs), including the following:

16 (1) United States Naval Station, Guantanamo
17 Bay, Cuba.

18 (2) Kwajalein Atoll.

19 (3) Al Udeid Air Base, Qatar.

1 **TITLE VI—COMPENSATION AND**
2 **OTHER PERSONNEL BENEFITS**
3 **Subtitle A—Pay and Allowances**

4 **SEC. 601. FISCAL YEAR 2018 INCREASE IN MILITARY BASIC**
5 **PAY.**

6 (a) **WAIVER OF SECTION 1009 ADJUSTMENT.**—The
7 adjustment to become effective during fiscal year 2018 re-
8 quired by section 1009 of title 37, United States Code,
9 in the rates of monthly basic pay authorized members of
10 the uniformed services shall not be made.

11 (b) **INCREASE IN BASIC PAY.**—Effective on January
12 1, 2018, the rates of monthly basic pay for members of
13 the uniformed services are increased by 2.1 percent.

14 **SEC. 602. EXTENSION OF AUTHORITY TO PROVIDE TEM-**
15 **PORARY INCREASE IN RATES OF BASIC AL-**
16 **LOWANCE FOR HOUSING UNDER CERTAIN**
17 **CIRCUMSTANCES.**

18 Section 403(b)(7)(E) of title 37, United States Code,
19 is amended by striking “December 31, 2017” and insert-
20 ing “December 31, 2018”.

1 **SEC. 603. ADJUSTMENT TO BASIC ALLOWANCE FOR HOUS-**
2 **ING AT WITH DEPENDENTS RATE OF CER-**
3 **TAIN MEMBERS OF THE UNIFORMED SERV-**
4 **ICES.**

5 (a) IN GENERAL.—Section 403 of title 37, United
6 States Code, is amended by adding at the end the fol-
7 lowing new subsection:

8 “(p) INELIGIBILITY FOR WITH DEPENDENTS RATE
9 OF CERTAIN MEMBERS.—A member who is married to an-
10 other member, is assigned to the same geographic location
11 as such other member, and has one or more dependent
12 children with such other member is not eligible for a basic
13 allowance for housing at the with dependents rate.”.

14 (b) EFFECTIVE DATE.—

15 (1) IN GENERAL.—The amendment made by
16 subsection (a) shall take effect on October 1, 2017,
17 and shall, except as provided in paragraph (2), apply
18 with respect to allowances for basic housing payable
19 for months beginning on or after that date.

20 (2) PRESERVATION OF CURRENT BAH FOR
21 MEMBERS WITH UNINTERRUPTED ELIGIBILITY FOR
22 BAH.—Notwithstanding the amendment made by
23 subsection (a), the monthly amount of basic allow-
24 ance for housing payable to a member of the uni-
25 formed services under section 403 of title 37, United
26 States Code, as of September 30, 2017, shall not be

1 reduced by reason of the amendment so long as the
2 member retains uninterrupted eligibility for such
3 basic allowance for housing within an area of the
4 United States or within an overseas location (as ap-
5 plicable).

6 **SEC. 604. MODIFICATION OF AUTHORITY OF PRESIDENT TO**
7 **DETERMINE ALTERNATIVE PAY ADJUSTMENT**
8 **IN ANNUAL BASIC PAY OF MEMBERS OF THE**
9 **UNIFORMED SERVICES.**

10 (a) **MODIFICATION.**—Section 1009(e) of title 37,
11 United States Code, is amended—

12 (1) in paragraph (1), by striking “or serious
13 economic conditions affecting the general welfare”;

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

15 (3) by redesignating paragraph (3) as para-
16 graph (2).

17 (b) **EFFECTIVE DATE.**—The amendments made by
18 subsection (a) shall take effect on the date of the enact-
19 ment of this Act, and—

20 (1) if the date of the enactment of this Act oc-
21 curs before September 1 of a year, shall apply with
22 respect to plans for alternative pay adjustments for
23 any year beginning after such year; and

24 (2) if the date of the enactment of this Act oc-
25 curs after August 31 of a year, shall apply with re-

1 spect to plans for alternative pay adjustments for
2 any year beginning after the year following such
3 year.

4 **Subtitle B—Bonuses and Special**
5 **and Incentive Pays**

6 **SEC. 611. ONE-YEAR EXTENSION OF CERTAIN BONUS AND**
7 **SPECIAL PAY AUTHORITIES FOR RESERVE**
8 **FORCES.**

9 The following sections of title 37, United States
10 Code, are amended by striking “December 31, 2017” and
11 inserting “December 31, 2018”:

12 (1) Section 308b(g), relating to Selected Re-
13 serve reenlistment bonus.

14 (2) Section 308c(i), relating to Selected Reserve
15 affiliation or enlistment bonus.

16 (3) Section 308d(c), relating to special pay for
17 enlisted members assigned to certain high-priority
18 units.

19 (4) Section 308g(f)(2), relating to Ready Re-
20 serve enlistment bonus for persons without prior
21 service.

22 (5) Section 308h(e), relating to Ready Reserve
23 enlistment and reenlistment bonus for persons with
24 prior service.

1 (6) Section 308i(f), relating to Selected Reserve
2 enlistment and reenlistment bonus for persons with
3 prior service.

4 (7) Section 478a(e), relating to reimbursement
5 of travel expenses for inactive-duty training outside
6 of normal commuting distance.

7 (8) Section 910(g), relating to income replace-
8 ment payments for reserve component members ex-
9 periencing extended and frequent mobilization for
10 active duty service.

11 **SEC. 612. ONE-YEAR EXTENSION OF CERTAIN BONUS AND**
12 **SPECIAL PAY AUTHORITIES FOR HEALTH**
13 **CARE PROFESSIONALS.**

14 (a) TITLE 10 AUTHORITIES.—The following sections
15 of title 10, United States Code, are amended by striking
16 “December 31, 2017” and inserting “December 31,
17 2018”:

18 (1) Section 2130a(a)(1), relating to nurse offi-
19 cer candidate accession program.

20 (2) Section 16302(d), relating to repayment of
21 education loans for certain health professionals who
22 serve in the Selected Reserve.

23 (b) TITLE 37 AUTHORITIES.—The following sections
24 of title 37, United States Code, are amended by striking

1 “December 31, 2017” and inserting “December 31,
2 2018”:

3 (1) Section 302c-1(f), relating to accession and
4 retention bonuses for psychologists.

5 (2) Section 302d(a)(1), relating to accession
6 bonus for registered nurses.

7 (3) Section 302e(a)(1), relating to incentive
8 special pay for nurse anesthetists.

9 (4) Section 302g(e), relating to special pay for
10 Selected Reserve health professionals in critically
11 short wartime specialties.

12 (5) Section 302h(a)(1), relating to accession
13 bonus for dental officers.

14 (6) Section 302j(a), relating to accession bonus
15 for pharmacy officers.

16 (7) Section 302k(f), relating to accession bonus
17 for medical officers in critically short wartime spe-
18 cialties.

19 (8) Section 302l(g), relating to accession bonus
20 for dental specialist officers in critically short war-
21 time specialties.

1 **SEC. 613. ONE-YEAR EXTENSION OF SPECIAL PAY AND**
2 **BONUS AUTHORITIES FOR NUCLEAR OFFI-**
3 **CERS.**

4 The following sections of title 37, United States
5 Code, are amended by striking “December 31, 2017” and
6 inserting “December 31, 2018”:

7 (1) Section 312(f), relating to special pay for
8 nuclear-qualified officers extending period of active
9 service.

10 (2) Section 312b(c), relating to nuclear career
11 accession bonus.

12 (3) Section 312c(d), relating to nuclear career
13 annual incentive bonus.

14 **SEC. 614. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**
15 **ING TO TITLE 37 CONSOLIDATED SPECIAL**
16 **PAY, INCENTIVE PAY, AND BONUS AUTHORI-**
17 **TIES.**

18 The following sections of title 37, United States
19 Code, are amended by striking “December 31, 2017” and
20 inserting “December 31, 2018”:

21 (1) Section 331(h), relating to general bonus
22 authority for enlisted members.

23 (2) Section 332(g), relating to general bonus
24 authority for officers.

25 (3) Section 333(i), relating to special bonus and
26 incentive pay authorities for nuclear officers.

1 (4) Section 334(i), relating to special aviation
2 incentive pay and bonus authorities for officers.

3 (5) Section 335(k), relating to special bonus
4 and incentive pay authorities for officers in health
5 professions.

6 (6) Section 336(g), relating to contracting
7 bonus for cadets and midshipmen enrolled in the
8 Senior Reserve Officers' Training Corps.

9 (7) Section 351(h), relating to hazardous duty
10 pay.

11 (8) Section 352(g), relating to assignment pay
12 or special duty pay.

13 (9) Section 353(i), relating to skill incentive
14 pay or proficiency bonus.

15 (10) Section 355(h), relating to retention incen-
16 tives for members qualified in critical military skills
17 or assigned to high priority units.

18 **SEC. 615. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**
19 **ING TO PAYMENT OF OTHER TITLE 37 BO-**
20 **NUSES AND SPECIAL PAYS.**

21 The following sections of title 37, United States
22 Code, are amended by striking "December 31, 2017" and
23 inserting "December 31, 2018":

24 (1) Section 301b(a), relating to aviation officer
25 retention bonus.

1 (2) Section 307a(g), relating to assignment in-
2 centive pay.

3 (3) Section 308(g), relating to reenlistment
4 bonus for active members.

5 (4) Section 309(e), relating to enlistment
6 bonus.

7 (5) Section 316a(g), relating to incentive pay
8 for members of precommissioning programs pur-
9 suing foreign language proficiency.

10 (6) Section 324(g), relating to accession bonus
11 for new officers in critical skills.

12 (7) Section 326(g), relating to incentive bonus
13 for conversion to military occupational specialty to
14 ease personnel shortage.

15 (8) Section 327(h), relating to incentive bonus
16 for transfer between Armed Forces.

17 (9) Section 330(f), relating to accession bonus
18 for officer candidates.

19 **SEC. 616. AVIATION BONUS MATTERS.**

20 Section 334(e) of title 37, United States Code, is
21 amended—

22 (1) by redesignating paragraphs (2) and (3) as
23 paragraphs (4) and (5), respectively; and

24 (2) by inserting after paragraph (1) the fol-
25 lowing new paragraphs:

1 “(2) BUSINESS CASE FOR PAYMENT OF AVIA-
2 TION BONUS AMOUNTS.—

3 “(A) IN GENERAL.—The amount of the
4 aviation bonus payable under paragraph (1)(B)
5 under agreements entered into under subsection
6 (d) during a fiscal year shall be determined
7 solely through a business case analysis of the
8 amount required to be paid under such agree-
9 ments in order to address anticipated manning
10 shortfalls for such fiscal year by aircraft type
11 category.

12 “(B) BUDGET JUSTIFICATION DOCU-
13 MENTS.—The budget justification documents in
14 support of the budget of the President for a fis-
15 cal year (as submitted to Congress pursuant to
16 section 1105 of title 31) shall set forth for each
17 uniformed service the following:

18 “(i) The amount requested for the
19 payment of aviation bonuses under this
20 section using amounts authorized to be ap-
21 propriated for the fiscal year concerned by
22 aircraft type category.

23 “(ii) The business case analysis sup-
24 porting the amount so requested by air-
25 craft type category.

1 “(iii) For each aircraft type category,
2 whether or not the amount requested will
3 permit the payment during the fiscal year
4 concerned of the maximum amount of the
5 aviation bonus authorized by paragraph
6 (1).

7 “(iv) If any amount requested is to
8 address manning shortfalls, a description
9 of any plans of the Secretary concerned to
10 address such shortfalls by non-monetary
11 means.

12 “(3) TIERED LIMITATION ON MAXIMUM
13 AMOUNT OF AVIATION BONUS.—

14 “(A) IN GENERAL.—The maximum
15 amount of the aviation bonus payable under
16 paragraph (1)(B) under agreements entered
17 into under subsection (d) during a fiscal year
18 shall vary by anticipated manning shortfalls for
19 such fiscal year by aircraft type category. The
20 variance shall be stated by tier correlating max-
21 imum bonus amounts with anticipated manning
22 and retention levels, as follows:

23 “(i) Maximum amount payable
24 (known as ‘Tier I’) is the amount specified
25 for the fiscal year concerned by paragraph

1 (1)(B) and is payable under agreements
2 for duty by aircraft type category in
3 which—

4 “(I) the projected manning level
5 for the fiscal year does not exceed 90
6 percent of the required manning level;
7 or

8 “(II) the two-year retention trend
9 for personnel performing such duty
10 does not exceed 50 percent.

11 “(ii) Maximum amount payable
12 (known as ‘Tier II’) is an amount equal to
13 68 percent of the amount specified for the
14 fiscal year concerned by paragraph (1)(B)
15 and is payable under agreements for duty
16 by aircraft type category in which—

17 “(I) the projected manning level
18 for the fiscal year is between 90 and
19 95 percent of the required manning
20 level; or

21 “(II) the two-year retention trend
22 for personnel performing such duty is
23 between 50 and 55 percent.

24 “(iii) Maximum amount payable
25 (known as ‘Tier III’) is an amount equal

1 to 34 percent of the amount specified for
2 the fiscal year concerned by paragraph
3 (1)(B) and is payable under agreements
4 for duty by aircraft type category in
5 which—

6 “(I) the projected manning level
7 for the fiscal year is between 95 and
8 100 percent of the required manning
9 level; or

10 “(II) the two-year retention trend
11 for personnel performing such duty is
12 between 55 and 65 percent.

13 “(iv) Maximum amount payable
14 (known as ‘Tier IV’) is zero for duty by
15 aircraft type category in which—

16 “(I) the projected manning level
17 for the fiscal year is 100 percent or
18 more of the required manning level; or

19 “(II) the two-year retention trend
20 for personnel performing such duty
21 exceeds 65 percent.

22 “(B) LIMITATION ON TOTAL NUMBER OF
23 AGREEMENTS PROVIDING FOR TIER I PAY-
24 MENT.—In no event may all the agreements en-
25 tered into under subsection (d) during a fiscal

1 year by a Secretary concerned provide for a
2 maximum amount payable as described in sub-
3 paragraph (A)(i).”.

4 **SEC. 617. SPECIAL AVIATION INCENTIVE PAY AND BONUS**
5 **AUTHORITIES FOR ENLISTED MEMBERS WHO**
6 **PILOT REMOTELY PILOTED AIRCRAFT.**

7 (a) IN GENERAL.—Chapter 5 of title 37, United
8 States Code, is amended by inserting after section 334 the
9 following new section:

10 **“§ 334a. Special aviation incentive pay and bonus au-**
11 **thorities: enlisted members who pilot re-**
12 **motely piloted aircraft**

13 “(a) AVIATION INCENTIVE PAY.—

14 “(1) INCENTIVE PAY AUTHORIZED.—The Sec-
15 retary concerned may pay aviation incentive pay
16 under this section to an enlisted member in a reg-
17 ular or reserve component of a uniformed service
18 who—

19 “(A) is entitled to basic pay under section
20 204 of this title or compensation under 206 of
21 this title;

22 “(B) is designated as a remotely piloted
23 aircraft pilot, or is in training leading to such
24 a designation;

1 “(C) engages in, or is in training leading
2 to, frequent and regular performance of oper-
3 ational flying duty or proficiency flying duty;

4 “(D) engages in or remains in aviation
5 service for a specified period; and

6 “(E) meets such other criteria as the Sec-
7 retary concerned determines appropriate.

8 “(2) ENLISTED MEMBERS NOT CURRENTLY EN-
9 GAGED IN FLYING DUTY.—The Secretary concerned
10 may pay aviation incentive pay under this section to
11 an enlisted member who is otherwise qualified for
12 such pay but who is not currently engaged in the
13 performance of operational flying duty or proficiency
14 flying duty if the Secretary determines, under regu-
15 lations prescribed under section 374 of this title,
16 that payment of aviation pay to that enlisted mem-
17 ber is in the best interests of the service.

18 “(b) AVIATION BONUS.—The Secretary concerned
19 may pay an aviation bonus under this section to an en-
20 listed member in a regular or reserve component of a uni-
21 formed service who—

22 “(1) is entitled to aviation incentive pay under
23 subsection (a);

24 “(2) is within one year of completing the mem-
25 ber’s enlistment;

1 “(3) reenlists or voluntarily extends the mem-
2 ber’s enlistment for a period of at least one year or,
3 in the case of an enlisted member serving pursuant
4 to an indefinite reenlistment, executes a written
5 agreement to remain on active duty for a period of
6 at least one year or to remain in an active status in
7 a reserve component for a period of at least one
8 year; and

9 “(4) meets such other criteria as the Secretary
10 concerned determines appropriate.

11 “(c) MAXIMUM AMOUNT AND METHOD OF PAY-
12 MENT.—

13 “(1) MAXIMUM AMOUNT.—The Secretary con-
14 cerned shall determine the amount of a bonus or in-
15 centive pay to be paid under this section, except
16 that—

17 “(A) aviation incentive pay under sub-
18 section (a) shall be paid at a monthly rate not
19 to exceed \$1,000 per month; and

20 “(B) an aviation bonus under subsection
21 (b) may not exceed \$35,000 for each 12-month
22 period of obligated service agreed to under sub-
23 section (d).

24 “(2) BUSINESS CASE FOR PAYMENT OF AVIA-
25 TION BONUS AMOUNTS.—

1 “(A) IN GENERAL.—The amount of the
2 aviation bonus payable under paragraph (1)(B)
3 under agreements entered into under subsection
4 (d) during a fiscal year shall be determined
5 solely through a business case analysis of the
6 amount required to be paid under such agree-
7 ments in order to address anticipated manning
8 shortfalls for such fiscal year by aircraft type
9 category.

10 “(B) BUDGET JUSTIFICATION DOCU-
11 MENTS.—The budget justification documents in
12 support of the budget of the President for a fis-
13 cal year (as submitted to Congress pursuant to
14 section 1105 of title 31) shall set forth for each
15 uniformed service the following:

16 “(i) The amount requested for the
17 payment of aviation bonuses under this
18 section using amounts authorized to be ap-
19 propriated for the fiscal year concerned by
20 aircraft type category.

21 “(ii) The business case analysis sup-
22 porting the amount so requested by air-
23 craft type category.

24 “(iii) For each aircraft type category,
25 whether or not the amount requested will

1 permit the payment during the fiscal year
2 concerned of the maximum amount of the
3 aviation bonus authorized by paragraph
4 (1).

5 “(iv) If any amount requested is to
6 address manning shortfalls, a description
7 of any plans of the Secretary concerned to
8 address such shortfalls by non-monetary
9 means.

10 “(3) LUMP SUM OR INSTALLMENTS.—A bonus
11 under this section may be paid in a lump sum or in
12 periodic installments, as determined by the Secretary
13 concerned.

14 “(4) FIXING BONUS AMOUNT.—Upon accept-
15 ance by the Secretary concerned of the written
16 agreement required by subsection (d), the total
17 amount of the bonus to be paid under the agreement
18 shall be fixed.

19 “(d) WRITTEN AGREEMENT FOR BONUS.—To receive
20 an aviation bonus under this section, an enlisted member
21 determined to be eligible for the bonus shall enter into
22 a written agreement with the Secretary concerned that
23 specifies—

24 “(1) the amount of the bonus;

1 “(2) the method of payment of the bonus under
2 subsection (c)(2);

3 “(3) the period of obligated service; and

4 “(4) the type or conditions of the service.

5 “(e) RESERVE COMPONENT ENLISTED MEMBERS
6 PERFORMING INACTIVE DUTY TRAINING.—An enlisted
7 member of reserve component who is entitled to compensa-
8 tion under section 206 of this title and who is authorized
9 aviation incentive pay under this section may be paid an
10 amount of incentive pay that is proportionate to the com-
11 pensation received under section 206 of this title for inac-
12 tive-duty training.

13 “(f) RELATIONSHIP TO OTHER PAY AND ALLOW-
14 ANCES.—

15 “(1) AVIATION INCENTIVE PAY.—Aviation in-
16 centive pay paid to an enlisted member under sub-
17 section (a) shall be in addition to any other pay and
18 allowance to which the enlisted member is entitled,
19 except that an enlisted member may not receive a
20 payment under such subsection and section
21 351(a)(2) or 353(a) of this title for the same skill
22 and period of service.

23 “(2) AVIATION BONUS.—An aviation bonus
24 paid to an enlisted member under subsection (b)
25 shall be in addition to any other pay and allowance

1 to which the enlisted member is entitled, except that
2 an enlisted member may not receive a bonus pay-
3 ment under such subsection and section 331 or
4 353(b) of this title for the same skill and period of
5 service.

6 “(g) REPAYMENT.—An enlisted member who receives
7 aviation incentive pay or an aviation bonus under this sec-
8 tion and who fails to fulfill the eligibility requirements for
9 the receipt of the incentive pay or bonus or complete the
10 period of service for which the incentive pay or bonus is
11 paid, as specified in the written agreement under sub-
12 section (d) in the case of a bonus, shall be subject to the
13 repayment provisions of section 373 of this title.

14 “(h) DEFINITIONS.—In this section:

15 “(1) AVIATION SERVICE.—The term ‘aviation
16 service’ means participation in aerial flight per-
17 formed, under regulations prescribed by the Sec-
18 retary concerned, by an eligible enlisted member re-
19 motely piloted aircraft pilot.

20 “(2) OPERATIONAL FLYING DUTY.—The term
21 ‘operational flying duty’ means flying performed
22 under competent orders by enlisted members of the
23 regular or reserve components while serving in as-
24 signments in which basic flying skills are normally
25 maintained in the performance of assigned duties as

1 determined by the Secretary concerned, and flying
 2 duty performed by members in training that leads to
 3 designation as a remotely piloted aircraft pilot by
 4 the Secretary concerned.

5 “(3) PROFICIENCY FLYING DUTY.—The term
 6 ‘proficiency flying duty’ means flying performed
 7 under competent orders by enlisted members of the
 8 regular or reserve components while serving in as-
 9 signments in which such skills would normally not
 10 be maintained in the performance of assigned duties.

11 “(i) TERMINATION OF AUTHORITY.—No agreement
 12 may be entered into under this section after December 31,
 13 2018.”.

14 (b) CLERICAL AMENDMENT.—The table of sections
 15 at the beginning of chapter 5 of such title is amended by
 16 inserting after the item relating to section 334 the fol-
 17 lowing new item:

“334a. Special aviation incentive pay and bonus authorities: enlisted members
 who pilot remotely piloted aircraft.”.

18 **SEC. 618. TECHNICAL AND CONFORMING AMENDMENTS RE-**
 19 **LATING TO 2008 CONSOLIDATION OF SPECIAL**
 20 **PAY AUTHORITIES.**

21 (a) REPAYMENT PROVISIONS.—

22 (1) TITLE 10.—The following provisions of title
 23 10, United States Code, are each amended by insert-
 24 ing “or 373” before “of title 37”:

- 1 (A) Section 510(i).
- 2 (B) Subsections (a)(3) and (e) of section
3 2005.
- 4 (C) Paragraphs (1) and (2) of section
5 2007(e).
- 6 (D) Section 2105.
- 7 (E) Section 2123(e)(1)(C).
- 8 (F) Section 2128(e).
- 9 (G) Section 2130a(d).
- 10 (H) Section 2171(g).
- 11 (I) Section 2173(g)(2).
- 12 (J) Paragraphs (1) and (2) of section
13 2200a(e).
- 14 (K) Section 4348(f).
- 15 (L) Section 6959(f).
- 16 (M) Section 9348(f).
- 17 (N) Subsections (a)(2) and (b) of section
18 16135.
- 19 (O) Section 16203(a)(1)(B).
- 20 (P) Section 16301(h).
- 21 (Q) Section 16303(d).
- 22 (R) Paragraphs (1) and (2) of section
23 16401(f).

1 (2) TITLE 14.—Section 182(g) of title 14,
2 United States Code, is amended by inserting “or
3 373” before “of title 37”.

4 (b) OFFICERS APPOINTED PURSUANT TO AN AGREE-
5 MENT UNDER SECTION 329 OF TITLE 37.—Section 641
6 of title 10, United States Code, is amended by striking
7 paragraph (6).

8 (c) REENLISTMENT LEAVE.—The matter preceding
9 paragraph (1) of section 703(b) of title 10, United States
10 Code, is amended by inserting “or paragraph (1) or (3)
11 of section 351(a)” after “section 310(a)(2)”.

12 (d) REST AND RECUPERATION ABSENCE FOR QUALI-
13 FIED MEMBERS EXTENDING DUTY AT DESIGNATED LO-
14 CATION OVERSEAS.—The matter following paragraph (4)
15 of section 705(a) of title 10, United States Code, is
16 amended by inserting “or 352” after “section 314”.

17 (e) REST AND RECUPERATION ABSENCE FOR CER-
18 TAIN MEMBERS UNDERGOING EXTENDED DEPLOYMENT
19 TO COMBAT ZONE.—Section 705a(b)(1)(B) of title 10,
20 United States Code, is amended by inserting “or 352(a)”
21 after “section 305”.

22 (f) ADDITIONAL INCENTIVES FOR HEALTH PROFES-
23 SIONALS OF THE INDIAN HEALTH SERVICE.—Section
24 116(a) of the Indian Health Care Improvement Act (25

1 U.S.C. 1616i(a)) is amended by inserting “or 335(b)”
2 after “section 302(b)”.

3 (g) MILITARY PAY AND ALLOWANCES CONTINUANCE
4 WHILE IN A MISSING STATUS.—Section 552(a)(2) of title
5 37, United States Code, is amended by inserting “or sec-
6 tion 351(a)(2)” after “section 301”.

7 (h) MILITARY PAY AND ALLOWANCES.—Section
8 907(d) of title 37, United States Code, is amended—

9 (1) in paragraph (1)—

10 (A) in subparagraph (A), by inserting “or
11 351” after “section 301”;

12 (B) in subparagraph (B), by inserting “or
13 352” after “section 301c”;

14 (C) in subparagraph (C), by inserting “or
15 353(a)” after “section 304”;

16 (D) in subparagraph (D), by inserting “or
17 352” after “section 305”;

18 (E) in subparagraph (E), by inserting “or
19 352” after “section 305a”;

20 (F) in subparagraph (F), by inserting “or
21 352” after “section 305b”;

22 (G) in subparagraph (G), by inserting “or
23 352” after “section 307a”;

24 (H) in subparagraph (I), by inserting “or
25 352” after “section 314”;

1 (I) in subparagraph (J), by striking “316”
2 and inserting “353(b)”; and

3 (J) in subparagraph (K), by striking
4 “323” and inserting “section 355”; and
5 (2) in paragraph (2)—

6 (A) in subparagraph (A), by inserting “or
7 352” after “section 307”;

8 (B) in subparagraph (B), by striking
9 “308” and inserting “331”;

10 (C) in subparagraph (C), by striking
11 “309” and inserting “331”; and

12 (D) in subparagraph (D), by inserting “or
13 353” after “section 320”.

14 (i) PAY AND ALLOWANCES OF OFFICERS OF THE
15 PUBLIC HEALTH SERVICE.—Section 208(a)(2) of the
16 Public Health Service Act (42 U.S.C. 210(a)(2)) is
17 amended by inserting “or 373” after “303a(b)”.

1 **Subtitle C—Disability Pay, Retired**
2 **Pay, and Survivor Benefits**

3 **PART I—AMENDMENTS IN CONNECTION WITH**
4 **RETIRED PAY REFORM**

5 **SEC. 631. ADJUSTMENTS TO SURVIVOR BENEFIT PLAN FOR**
6 **MEMBERS ELECTING LUMP SUM PAYMENTS**
7 **OF RETIRED PAY UNDER THE MODERNIZED**
8 **RETIREMENT SYSTEM FOR MEMBERS OF THE**
9 **UNIFORMED SERVICES.**

10 (a) DEFINITION OF BASE AMOUNT.—Section
11 1447(6)(A) of title 10, United States Code, is amended
12 in the matter preceding clause (i) by inserting “or
13 1415(b)(1)(B)” after “section 1409(b)(2)”.

14 (b) COORDINATION WITH REDUCTIONS IN RETIRED
15 PAY.—Section 1452 of such title is amended—

16 (1) in subsection (a)(1), by inserting “, other
17 than retired pay received as a lump sum under sec-
18 tion 1415(b)(1)(A) of this title,” in the matter pre-
19 ceding subparagraph (A) after “, the retired pay”;

20 (2) in subsection (b)(1), by inserting “, other
21 than retired pay received as a lump sum under sec-
22 tion 1415(b)(1)(A) of this title,” after “The retired
23 pay”; and

24 (3) in subsection (c)—

1 (A) in paragraph (1), by inserting “, other
2 than retired pay received as a lump sum under
3 section 1415(b)(1)(A) of this title,” after “The
4 retired pay”; and

5 (B) in paragraph (4), by inserting “or
6 1415(b)(1)(B)” after “section 1409(b)(2)”.

7 **SEC. 632. TECHNICAL CORRECTION REGARDING ELECTION**
8 **TO PARTICIPATE IN MODERNIZED RETIRE-**
9 **MENT SYSTEM FOR RESERVE COMPONENT**
10 **MEMBERS EXPERIENCING A BREAK IN SERV-**
11 **ICE.**

12 (a) **PERSONS EXPERIENCING A BREAK IN SERV-**
13 **ICE.**—Section 12739(f)(2)(B)(iii) of title 10, United
14 States Code, is amended by striking “on the date of the
15 reentry” and inserting “within 30 days after the date of
16 the reentry”.

17 (b) **EFFECTIVE DATE.**—The amendment made by
18 subsection (a) shall take effect on January 1, 2018, imme-
19 diately after the coming into effect of the amendment
20 made by section 631(b) of the National Defense Author-
21 ization Act for Fiscal Year 2016 (Public Law 114–92; 129
22 Stat. 843), to which the amendment made by subsection
23 (a) relates.

PART II—OTHER MATTERS

1
2 **SEC. 636. AUTHORITY FOR THE SECRETARIES OF THE MILI-**
3 **TARY DEPARTMENTS TO PROVIDE FOR CARE**
4 **OF REMAINS OF THOSE WHO DIE ON ACTIVE**
5 **DUTY AND ARE INTERRED IN A FOREIGN**
6 **CEMETERY.**

7 Section 1482(a) of title 10, United States Code, is
8 amended by adding at the end the following new para-
9 graph:

10 “(10) In the case of a decedent under the juris-
11 diction of a Secretary of a military department at
12 the time of death, enduring care of remains interred
13 in a foreign cemetery if the burial location was des-
14 ignated by such Secretary.”.

15 **SEC. 637. TECHNICAL CORRECTIONS TO USE OF MEMBER’S**
16 **CURRENT PAY GRADE AND YEARS OF SERV-**
17 **ICE IN A DIVISION OF PROPERTY INVOLVING**
18 **DISPOSABLE RETIRED PAY.**

19 (a) IN GENERAL.—Section 1408 of title 10, United
20 States Code, is amended—

21 (1) in subsection (a)(4)—

22 (A) in the matter preceding clause (i) of
23 subparagraph (A), by striking “(as determined
24 pursuant to subparagraph (B))”; and

25 (B) by striking subparagraph (B) and in-
26 serting the following new subparagraph (B):

1 “(B) For purposes of subparagraph (A), in the
2 case of a division of property as part of a final de-
3 cree of divorce, dissolution, annulment, or legal sepa-
4 ration that becomes final prior to the date of a
5 member’s retirement, the total monthly retired pay
6 to which the member is entitled shall be—

7 “(i) in the case of a member not described
8 in clause (ii), the amount of retired pay to
9 which the member would have been entitled
10 using the member’s retired pay base and years
11 of service on the date of the decree of divorce,
12 dissolution, annulment, or legal separation, as
13 computed under section 1406 or 1407 of this
14 title, whichever is applicable, increased by the
15 sum of the cost-of-living adjustments that—

16 “(I) would have occurred under sec-
17 tion 1401a(b) of this title between the date
18 of the decree of divorce, dissolution, annul-
19 ment, or legal separation and the time of
20 the member’s retirement using the adjust-
21 ment provisions under section 1401a of
22 this title applicable to the member upon re-
23 tirement; and

24 “(II) occur under 1401a of this title
25 after the member’s retirement; or

1 “(ii) in the case of a member who becomes
2 entitled to retired pay pursuant to chapter 1223
3 of this title, the amount of retired pay to which
4 the member would have been entitled using the
5 member’s retired pay base and creditable serv-
6 ice points on the date of the decree of divorce,
7 dissolution, annulment, or legal separation, as
8 computer under chapter 1223 of this title, in-
9 creased by the sum of the cost-of-living adjust-
10 ments as described in clause (i) that apply with
11 respect to the member.”; and

12 (2) in subsection (d), by adding at the end the
13 following new paragraph:

14 “(8) A division of property award computed as a per-
15 centage of a member’s disposable retired pay shall be in-
16 creased by the same percentage as any cost-of-living ad-
17 justment made under section 1401a after the member’s
18 retirement.”.

19 (b) EFFECTIVE DATE.—The amendments made by
20 subsection (a) shall take effect on December 23, 2016, as
21 if enacted immediately following the enactment of the Na-
22 tional Defense Authorization Act for Fiscal Year 2017
23 (Public Law 114–328) to which such amendments relate.

24 (c) APPLICABILITY.—The amendments made by sub-
25 section (a) shall apply with respect to any division of prop-

1 erty as part of a final decree of divorce, dissolution, annul-
2 ment, or legal separation involving a member of the Armed
3 Forces to which section 1408 of title 10, United States
4 Code, applies that becomes final after December 23, 2016.

5 **SEC. 638. PERMANENT EXTENSION AND COST-OF-LIVING**
6 **ADJUSTMENTS OF SPECIAL SURVIVOR IN-**
7 **DEMNITY ALLOWANCES UNDER THE SUR-**
8 **VIVOR BENEFIT PLAN.**

9 Section 1450(m) of title 10, United States Code, is
10 amended—

11 (1) in paragraph (2)—

12 (A) in subparagraph (H), by striking
13 “and” at the end; and

14 (B) by striking subparagraph (I) and in-
15 serting the following new subparagraphs:

16 “(I) for months from October 2016
17 through December 2018, \$310; and

18 “(J) for months during any calendar year
19 after 2018, the amount determined in accord-
20 ance with paragraph (6).”; and

21 (2) by striking paragraph (6) and inserting the
22 following new paragraph (6):

23 “(6) COST-OF-LIVING ADJUSTMENTS AFTER
24 2018.—

1 “(A) IN GENERAL.—The amount of the al-
2 lowance payable under paragraph (1) for
3 months during any calendar year beginning
4 after 2018 shall be—

5 “(i) the amount payable pursuant to
6 paragraph (2) for months during the pre-
7 ceding calendar year, plus

8 “(ii) an amount equal to the percent-
9 age of the amount determined pursuant to
10 clause (i) which percentage is equal to the
11 percentage increase in retired pay of mem-
12 bers and former members of the armed
13 forces for such calendar year under section
14 1401a of this title.

15 “(B) PUBLIC NOTICE ON AMOUNT OF AL-
16 LOWANCE PAYABLE.—The Secretary of Defense
17 shall publish in the Federal Register each year
18 the amount of the allowance payable under
19 paragraph (1) for months in such year by rea-
20 son of the operation of this paragraph.”.

1 **Subtitle D—Other Matters**

2 **SEC. 651. CONSTRUCTION OF DOMESTIC SOURCE REQUIRE-**
3 **MENT FOR FOOTWEAR FURNISHED TO EN-**
4 **LISTED MEMBERS OF THE ARMED FORCES**
5 **ON INITIAL ENTRY INTO THE ARMED**
6 **FORCES.**

7 Section 418(d) of title 37, United States Code, is
8 amended by adding at the end the following new para-
9 graphs:

10 “(4) This subsection does not apply to the furnishing
11 of athletic footwear to the members of the Army, the
12 Navy, the Air Force, or the Marine Corps upon their ini-
13 tial entry into the armed forces, or prohibit the provision
14 of a cash allowance to such members for such purpose,
15 if the Secretary of Defense determines that compliance
16 with paragraph (2) would result in a sole source contract
17 for procurement of athletic footwear for the purpose stated
18 in paragraph (1) because there would be only a sole cer-
19 tified of supply for such footwear.

20 “(5) The Secretary of Defense shall ensure that all
21 procurements of athletic footwear to which this subsection
22 applies are made using firm fixed price contracts.”.

1 **SEC. 652. INCLUSION OF DEPARTMENT OF AGRICULTURE**
2 **IN TRANSITION ASSISTANCE PROGRAM.**

3 (a) IN GENERAL.—Subsection (a) of section 1144 of
4 title 10, United States Code, is amended by striking “and
5 the Secretary of Veterans Affairs” each place it appears
6 in paragraphs (1) and (2) and inserting “the Secretary
7 of Veterans Affairs, and the Secretary of Agriculture”.

8 (b) INCLUSION IN ELEMENTS OF PROGRAM.—Sub-
9 section (b) of such section is amended by adding at the
10 end the following new paragraph:

11 “(12) Provide information regarding the avail-
12 ability to such members of the following through the
13 Department of Agriculture:

14 “(A) Grants, loans, and other assistance to
15 enter production agriculture or engage in rural
16 entrepreneurship.

17 “(B) Identification of and assistance in ob-
18 taining employment within the agricultural sec-
19 tor that aligns with military occupational spe-
20 cialties or military certifications, including em-
21 ployment with the Department.

22 “(C) Training and apprenticeships for em-
23 ployment in rural communities and in the agri-
24 cultural and food sectors.”.

1 **SEC. 653. REVIEW AND UPDATE OF REGULATIONS GOV-**
2 **ERNING DEBT COLLECTORS INTERACTIONS**
3 **WITH UNIT COMMANDERS.**

4 Not later than 180 days after the date of the enact-
5 ment of this Act, the Secretary of Defense shall review
6 and update Department of Defense Instruction 1344.09
7 and any associated regulations to ensure that such regula-
8 tions comply with Federal consumer protection laws with
9 respect to the collection of debt.

10 **TITLE VII—HEALTH CARE**
11 **PROVISIONS**

12 **Subtitle A—TRICARE and Other**
13 **Health Care Benefits**

14 **SEC. 701. TRICARE ADVANTAGE DEMONSTRATION PRO-**
15 **GRAM.**

16 (a) ESTABLISHMENT.—

17 (1) IN GENERAL.—Not later than one year
18 after the date of the enactment of this Act, the Sec-
19 retary shall, in consultation with the Secretary of
20 Health and Human Services, establish a demonstra-
21 tion program to enable applicable eligible individuals
22 to enroll in Medicare Advantage plans.

23 (2) DURATION.—The demonstration program
24 established under paragraph (1) shall be carried out
25 for a period of not less than five years.

26 (b) PLANS.—

1 (1) SELECTION.—The Secretary shall competi-
2 tively select one or more Medicare Advantage plans
3 for which the Secretary of Health and Human Serv-
4 ices has waived or modified requirements under sec-
5 tion 1857(i) of the Social Security Act (42 U.S.C.
6 1395w-27(i)) in market areas of the TRICARE pro-
7 gram with large concentrations of beneficiaries eligi-
8 ble for TRICARE for Life (as determined by the
9 Secretary) to participate in the demonstration pro-
10 gram through the use of risk-bearing, capitated con-
11 tracts with Medicare Advantage organizations.

12 (2) REQUIREMENTS.—Each Medicare Advan-
13 tage plan selected under paragraph (1) shall meet
14 the following requirements:

15 (A) The plan is an MA-PD plan (as de-
16 fined in section 1860D-1(a)(3)(C) of the Social
17 Security Act (42 U.S.C. 1395w-101(a)(3)(C))).

18 (B) The plan has a minimum quality star
19 rating of four or higher under section
20 1853(o)(4) of such Act (42 U.S.C. 1395w-
21 23(o)(4)).

22 (C) The plan and the Medicare Advantage
23 organization offering the plan meet such other
24 criteria as the Secretary determines appropriate
25 for purposes of this section.

1 (3) USE OF DEPARTMENT FACILITIES AND
2 SERVICES.—

3 (A) MILITARY TREATMENT FACILITIES.—

4 The Secretary may include military treatment
5 facilities as authorized providers for applicable
6 eligible individuals enrolled in a Medicare Ad-
7 vantage plan participating in the demonstration
8 program as a service provided by the Depart-
9 ment of Defense.

10 (B) PHARMACY BENEFITS PROGRAM.—The
11 Secretary may include coverage of pharma-
12 ceutical agents under the pharmacy benefits
13 program under section 1074g of title 10,
14 United States Code, as a coverage option for
15 applicable eligible individuals enrolled in a
16 Medicare Advantage plan participating in the
17 demonstration program as a service provided by
18 the Department of Defense.

19 (c) ENROLLMENT OF APPLICABLE ELIGIBLE INDI-
20 VIDUALS.—Unless an applicable eligible individual opts
21 out, all applicable eligible individuals located in an area
22 participating in the demonstration program shall be en-
23 rolled in a Medicare Advantage plan selected under sub-
24 section (b)(1).

1 (d) COSTS OF PROGRAM.—The Secretary and the
2 Secretary of Health and Human Services shall jointly de-
3 termine the appropriate distribution of costs and potential
4 savings to the Department of Defense and the Department
5 of Health and Human Services that result from the dem-
6 onstration program.

7 (e) REPORTS.—

8 (1) REPORT ON IMPLEMENTATION OF PRO-
9 GRAM.—

10 (A) IN GENERAL.—Not later than one year
11 after the date of the enactment of this Act, the
12 Secretary shall submit to the Committees on
13 Armed Services of the Senate and the House of
14 Representatives a report on the implementation
15 by the Secretary of the demonstration program
16 under this section.

17 (B) ELEMENTS.—The report required by
18 subparagraph (A) shall include the following:

19 (i) A description of each Medicare Ad-
20 vantage plan participating in the dem-
21 onstration program, disaggregated by mar-
22 ket area of the TRICARE program (as de-
23 termined by the Secretary).

24 (ii) A description of covered benefits,
25 premium rates, and copayments or cost

1 sharing, if any, for each Medicare Advan-
2 tage plan participating in the demonstra-
3 tion program in each such area.

4 (iii) The number of applicable eligible
5 individuals eligible to enroll and the num-
6 ber of applicable eligible individuals pro-
7 jected to enroll in each Medicare Advan-
8 tage plan participating in the demonstra-
9 tion program in each such area.

10 (iv) An assessment of projected aver-
11 age annual out-of-pocket costs, if any, for
12 applicable eligible individuals enrolled in
13 each Medicare Advantage plan partici-
14 pating in the demonstration program.

15 (v) A description of outcome metrics
16 developed to measure quality of care, im-
17 proved health outcomes, better access to
18 care, and enhanced beneficiary experience
19 under the demonstration program.

20 (2) FINAL REPORT.—Not later than four years
21 after the date of the enactment of this Act, the Sec-
22 retary shall submit to the Committees on Armed
23 Services of the Senate and the House of Representa-
24 tives a report providing a comprehensive assessment
25 of the demonstration program under this section.

1 (f) DEFINITIONS.—In this section:

2 (1) APPLICABLE ELIGIBLE INDIVIDUAL.—The
3 term “applicable eligible individual” means an eligi-
4 ble individual (as defined in paragraph (2)) who is
5 a Medicare Advantage eligible individual (as defined
6 in section 1851(a)(3) of the Social Security Act (42
7 U.S.C. 1395w-21(a)(3))).

8 (2) ELIGIBLE INDIVIDUAL.—The term “eligible
9 individual” means an individual eligible for health
10 benefits under section 1086(d) of title 10, United
11 States Code.

12 (3) MEDICARE ADVANTAGE ORGANIZATION.—
13 The term “Medicare Advantage organization” has
14 the meaning given that term in section 1859 of the
15 Social Security Act (42 U.S.C. 1395w-28).

16 (4) MEDICARE ADVANTAGE PLAN.—The term
17 “Medicare Advantage plan” means a health plan
18 under part C of title XVIII of the Social Security
19 Act (42 U.S.C. 1395w-21 et seq.).

20 (5) SECRETARY.—The term “Secretary” means
21 the Secretary of Defense.

22 (6) TRICARE PROGRAM; TRICARE FOR LIFE.—
23 The terms “TRICARE program” and “TRICARE
24 for Life” have the meanings given those terms in
25 section 1072 of title 10, United States Code.

1 (g) REGULATIONS.—

2 (1) IN GENERAL.—In order to implement expe-
3 ditiously the demonstration program under this sec-
4 tion, the Secretary may prescribe such changes to
5 the regulations implementing the TRICARE pro-
6 gram as the Secretary considers appropriate.

7 (2) RULEMAKING.—The Secretary shall imple-
8 ment any changes prescribed under paragraph (1)—

9 (A) by prescribing an interim final rule;

10 and

11 (B) not later than 180 days after pre-
12 scribing such interim final rule and considering
13 public comments with respect to such interim
14 final rule, by prescribing a final rule.

15 (h) WAIVER AUTHORITY.—The Secretary of Health
16 and Human Services may waive such requirements of ti-
17 tles XI and XVIII of the Social Security Act (42 U.S.C.
18 1301 et seq.; 1395 et seq.) as may be necessary for pur-
19 poses of carrying out this section.

1 **SEC. 702. CONTINUED ACCESS TO MEDICAL CARE AT FA-**
2 **CILITIES OF THE UNIFORMED SERVICES FOR**
3 **CERTAIN MEMBERS OF THE RESERVE COM-**
4 **PONENTS.**

5 (a) TRICARE RESERVE SELECT.—Paragraph (2) of
6 section 1076d(f) of title 10, United States Code, is amend-
7 ed to read as follows:

8 “(2) The term ‘TRICARE Reserve Select’
9 means—

10 “(A) medical care at facilities of the uni-
11 formed services to which a dependent described
12 in section 1076(a)(2) of this title is entitled;
13 and

14 “(B) health benefits under the TRICARE
15 Select self-managed, preferred provider network
16 option under section 1075 of this title made
17 available to beneficiaries by reason of this sec-
18 tion and subject to the cost-sharing require-
19 ments set forth in such section 1075.”.

20 (b) TRICARE RETIRED RESERVE.—Section 1076e
21 is amended—

22 (1) In subsection (b), in the subsection heading,
23 by striking “RETIRED RESERVE”;

24 (2) In subsection (c), by striking “Retired Re-
25 serve” the last place it appears; and

1 (3) in subsection (f), by striking paragraph (2)
2 and inserting the following:

3 “(2) The term ‘TRICARE Retired Reserve’
4 means—

5 “(A) medical care at facilities of the uni-
6 formed services to which a dependent described
7 in section 1076(a)(2) of this title is entitled;
8 and

9 “(B) health benefits under the TRICARE
10 Select self-managed, preferred provider network
11 option under section 1075 of this title made
12 available to beneficiaries by reason of this sec-
13 tion and subject to the cost-sharing require-
14 ments set forth in such section 1075.”.

15 **SEC. 703. MODIFICATION OF ELIGIBILITY FOR TRICARE RE-**
16 **SERVE SELECT AND TRICARE RETIRED RE-**
17 **SERVE OF CERTAIN MEMBERS OF THE RE-**
18 **SERVE COMPONENTS.**

19 (a) TRICARE RESERVE SELECT.—Section 1076d(a)
20 of title 10, United States Code, is amended—

21 (1) in paragraph (1), by striking “(1) Except as
22 provided in paragraph (2), a member” and inserting
23 “A member”; and

24 (2) by striking paragraph (2).

1 (b) TRICARE RETIRED RESERVE.—Section
2 1076e(a) of title 10, United States Code, is amended—

3 (1) in paragraph (1), by striking “(1) Except as
4 provided in paragraph (2), a member” and inserting
5 “A member”; and

6 (2) by striking paragraph (2).

7 **SEC. 704. EXPEDITED EVALUATION AND TREATMENT FOR**
8 **PRENATAL SURGERY UNDER THE TRICARE**
9 **PROGRAM.**

10 (a) IN GENERAL.—The Secretary of Defense shall
11 implement processes and procedures to ensure that a cov-
12 ered beneficiary under the TRICARE program whose
13 pregnancy is complicated with a fetal condition or sus-
14 pected of being complicated with a fetal condition receives,
15 in an expedited manner and at the discretion of the cov-
16 ered beneficiary, evaluation, non-directive counseling, and
17 treatment from a perinatal or pediatric specialist capable
18 of providing surgical management and intervention in
19 utero.

20 (b) DEFINITIONS.—In this section, the terms “cov-
21 ered beneficiary” and “TRICARE program” have the
22 meanings given those terms in section 1072 of title 10,
23 United States Code.

1 **SEC. 705. SPECIFICATION THAT INDIVIDUALS UNDER THE**
 2 **AGE OF 21 ARE ELIGIBLE FOR HOSPICE CARE**
 3 **SERVICES UNDER THE TRICARE PROGRAM.**

4 Section 1079(a)(15) of title 10, United States Code,
 5 is amended by inserting before the period at the end the
 6 following: “, except that hospice care may be provided to
 7 individuals under the age of 21”.

8 **SEC. 706. MODIFICATIONS OF COST-SHARING REQUIRE-**
 9 **MENTS FOR THE TRICARE PHARMACY BENE-**
 10 **FITS PROGRAM AND TREATMENT OF CER-**
 11 **TAIN PHARMACEUTICAL AGENTS.**

12 (a) IN GENERAL.—Paragraph (6) of section
 13 1074g(a) of title 10, United States Code, is amended to
 14 read as follows:

15 “(6)(A) In the case of any of the years 2018 through
 16 2026, the cost-sharing amounts under this subsection for
 17 eligible covered beneficiaries shall be determined in accord-
 18 ance with the following table:

“For:	The cost-sharing amount for a 30-day supply of a retail generic is:	The cost-sharing amount for a 30-day supply of a retail formulary is:	The cost-sharing amount for a 90-day supply of a mail order generic is:	The cost-sharing amount for a 90-day supply of a mail order formulary is:	The cost-sharing amount for a 90-day supply of a mail order non-formulary is:
2018	\$10	\$28	\$10	\$28	\$54
2019	\$10	\$30	\$10	\$30	\$58
2020	\$10	\$32	\$10	\$32	\$62
2021	\$11	\$34	\$11	\$34	\$66
2022	\$11	\$36	\$11	\$36	\$70
2023	\$11	\$38	\$11	\$38	\$75

“For:	The cost-sharing amount for a 30-day supply of a retail generic is:	The cost-sharing amount for a 30-day supply of a retail formulary is:	The cost-sharing amount for a 90-day supply of a mail order generic is:	The cost-sharing amount for a 90-day supply of a mail order formulary is:	The cost-sharing amount for a 90-day supply of a mail order non-formulary is:
2024	\$12	\$40	\$12	\$40	\$80
2025	\$13	\$42	\$13	\$42	\$85
2026	\$14	\$45	\$14	\$45	\$90

1 “(B) For any year after 2026, the cost-sharing
2 amounts under this subsection for eligible covered bene-
3 ficiaries shall be equal to the cost-sharing amounts for the
4 previous year adjusted by an amount, if any, determined
5 by the Secretary to reflect changes in the costs of pharma-
6 ceutical agents and prescription dispensing, rounded to
7 the nearest dollar.

8 “(C) Notwithstanding subparagraphs (A) and (B),
9 the cost-sharing amounts under this subsection for a de-
10 pendent of a member of the uniformed services who dies
11 while on active duty, a member retired under chapter 61
12 of this title, or a dependent of a member retired under
13 such chapter shall be equal to the cost-sharing amounts,
14 if any, for 2017.”.

15 (b) TREATMENT OF CERTAIN PHARMACEUTICAL
16 AGENTS.—

17 (1) PHARMACY BENEFITS PROGRAM.—Such sec-
18 tion is amended by adding at the end the following
19 new paragraph:

1 “(10) Notwithstanding paragraphs (2), (5), and (6),
2 in order to encourage the use by covered beneficiaries of
3 pharmaceutical agents that provide the greatest value to
4 covered beneficiaries and the Department of Defense (as
5 determined by the Secretary, including considerations of
6 better care, healthier people, and smarter spending), the
7 Secretary may, upon the recommendation of the Phar-
8 macy and Therapeutics Committee established under sub-
9 section (b) and review by the Uniform Formulary Bene-
10 ficiary Advisory Panel established under subsection (c)—

11 “(A) exclude from the pharmacy benefits pro-
12 gram any pharmaceutical agent that the Secretary
13 determines provides very little or no value to covered
14 beneficiaries and the Department under the pro-
15 gram; and

16 “(B) give preferential status to any non-generic
17 pharmaceutical agent on the uniform formulary by
18 treating it, for purposes of cost-sharing under para-
19 graph (6), as a generic product under the TRICARE
20 retail pharmacy program and mail order pharmacy
21 program.”.

22 (2) MEDICAL CONTRACTS.—Section 1079 of
23 such title is amended by adding at the end the fol-
24 lowing new subsection:

1 “(q) In the case of any pharmaceutical agent (as de-
2 fined in section 1074g(g) of this title) provided under a
3 contract entered into under this section by a physician,
4 in an outpatient department of a hospital, or otherwise
5 as part of any medical services provided under such a con-
6 tract, the Secretary of Defense may, under regulations
7 prescribed by the Secretary, adopt special reimbursement
8 methods, amounts, and procedures to encourage the use
9 of high-value products and discourage the use of low-value
10 products, as determined by the Secretary.”.

11 (3) REGULATIONS.—In order to implement ex-
12 peditiously the reforms authorized by the amend-
13 ments made by paragraphs (1) and (2), the Sec-
14 retary of Defense may prescribe such changes to the
15 regulations implementing the TRICARE program
16 (as defined in section 1072 of title 10, United States
17 Code) as the Secretary considers appropriate—

18 (A) by prescribing an interim final rule;

19 and

20 (B) not later than one year after pre-
21 scribing such interim final rule and considering
22 public comments with respect to such interim
23 final rule, by prescribing a final rule.

1 **SEC. 707. CONSOLIDATION OF COST-SHARING REQUIRE-**
2 **MENTS UNDER TRICARE SELECT AND**
3 **TRICARE PRIME.**

4 (a) TRICARE SELECT.—

5 (1) IN GENERAL.—Section 1075 of title 10,
6 United States Code, is amended—

7 (A) in subsection (c), by striking para-
8 graphs (1) and (2) and inserting the following
9 new paragraphs:

10 “(1) With respect to beneficiaries in the active-
11 duty family member category or the retired category
12 other than beneficiaries described in paragraph
13 (2)(B), the cost-sharing requirements shall be cal-
14 culated pursuant to subsection (d)(1).

15 “(2)(A) With respect to beneficiaries described
16 in subparagraph (B) in the active-duty family mem-
17 ber category or the retired category, the cost-sharing
18 requirements shall be calculated as if the beneficiary
19 were enrolled in TRICARE Extra or TRICARE
20 Standard as if TRICARE Extra or TRICARE
21 Standard, as the case may be, were still being car-
22 ried out by the Secretary.

23 “(B) Beneficiaries described in this subpara-
24 graph are the following beneficiaries:

25 “(i) Retired members and the family mem-
26 bers of such retired members covered by section

1 1086(c)(1) of this title by reason of being re-
2 tired under chapter 61 of this title or being a
3 dependent of such a retired member.

4 “(ii) Survivors covered by section
5 1086(c)(2) of this title.”;

6 (B) by striking subsection (e); and

7 (C) by redesignating subsections (f), (g),
8 and (h) as subsections (e), (f), and (g), respec-
9 tively.

10 (2) CONFORMING AMENDMENT.—Subsection
11 (d)(2) of such section is amended by striking “, and
12 the amounts specified under paragraphs (1) and (2)
13 of subsection (e),”.

14 (b) TRICARE PRIME.—Section 1075a(a) of title 10,
15 United States Code, is amended—

16 (1) by striking paragraph (2) and inserting the
17 following new paragraph:

18 “(2) With respect to beneficiaries in the active-
19 duty family member category or the retired category
20 (as described in section 1075(b)(1) of this title)
21 other than beneficiaries described in paragraph
22 (3)(B), the cost-sharing requirements shall be cal-
23 culated pursuant to subsection (b)(1).”; and

24 (2) in paragraph (3), by striking subparagraph
25 (B) and inserting the following new subparagraph:

1 “(B) Beneficiaries described in this subpara-
2 graph are the following beneficiaries:

3 “(i) Retired members and the family mem-
4 bers of such retired members covered by section
5 1086(c)(1) of this title by reason of being re-
6 tired under chapter 61 of this title or being a
7 dependent of such a retired member.

8 “(ii) Survivors covered by section
9 1086(c)(2) of this title.”.

10 (c) EFFECTIVE DATE.—The amendments made by
11 this section shall take effect on January 1, 2018.

12 **SEC. 708. TRICARE TECHNICAL AMENDMENTS.**

13 (a) DEFINITION OF TRICARE STANDARD.—Para-
14 graph (15) of section 1072 of title 10, United States Code,
15 is amended to read as follows:

16 “(15) The term ‘TRICARE Standard’ means
17 the TRICARE program made available prior to Jan-
18 uary 1, 2018, covering health benefits contracted for
19 under the authority of section 1079(a) or 1086(a) of
20 this title and subject to the same rates and condi-
21 tions as apply to persons covered under those sec-
22 tions.”.

23 (b) COST-SHARING AMOUNTS.—

24 (1) TRICARE SELECT.—

1 (A) ALLOWANCE OF COST-SHARING
2 AMOUNTS AS DETERMINED BY THE SEC-
3 RETARY.—Subsection (d) of section 1075 of
4 such title is amended by adding at the end the
5 following new paragraph:

6 “(4) The cost-sharing requirements applicable to
7 services not specifically addressed in the table set forth
8 in paragraph (1) shall be established by the Secretary.”.

9 (B) MODIFICATION OF REFERENCE TO AM-
10 BULANCE CIVILIAN NETWORK.—Paragraph (1)
11 of such subsection is amended, in the first col-
12 umn of the table, by striking “Ambulance civil-
13 ian network” and inserting “Ground ambulance
14 civilian network”.

15 (2) TRICARE PRIME.—

16 (A) ALLOWANCE OF COST-SHARING
17 AMOUNTS AS DETERMINED BY THE SEC-
18 RETARY.—Subsection (b) of section 1075a of
19 such title is amended by adding at the end the
20 following new paragraph:

21 “(4) The cost-sharing requirements applicable to
22 services not specifically addressed in the table set forth
23 in paragraph (1) shall be established by the Secretary.”.

24 (B) MODIFICATION OF REFERENCE TO AM-
25 BULANCE CIVILIAN NETWORK.—Paragraph (1)

1 of such section is amended, in the first column
2 of the table, by striking “Ambulance civilian
3 network” and inserting “Ground ambulance ci-
4 vilian network”.

5 (c) MEDICAL CARE FOR DEPENDENTS.—

6 (1) REFERENCE TO MEDICALLY NECESSARY VI-
7 TAMINS.—Paragraphs (3) and (18) of section
8 1077(a) of such title are amended by striking “sub-
9 section (g)” each place it appears and inserting
10 “subsection (h)”.

11 (2) ELIGIBILITY OF DEPENDENTS TO PUR-
12 CHASE HEARING AIDS.—Section 1077(g) of such
13 title is amended by striking “of former members of
14 the uniformed services” and inserting “eligible for
15 care under this section”.

16 (d) MODIFICATION OF REFERENCE TO FISCAL
17 YEAR.—

18 (1) CONTRACTS FOR MEDICAL CARE FOR
19 SPOUSES AND CHILDREN.—Section 1079(b) such
20 title is amended by striking “fiscal year” each place
21 it appears and inserting “calendar year”.

22 (2) CONTRACTS FOR HEALTH BENEFITS FOR
23 CERTAIN MEMBERS, FORMER MEMBERS, AND THEIR
24 DEPENDENTS.—Section 1086(b) of such title is

1 amended by striking “fiscal year” each place it ap-
2 pears and inserting “calendar year”.

3 (e) REFERRALS AND PREAUTHORIZATIONS FOR
4 TRICARE PRIME.—

5 (1) PREAUTHORIZATION FOR CARE AT RESI-
6 DENTIAL TREATMENT CENTERS.—Section 1095f(b)
7 of such title is amended by adding at the end the
8 following new paragraph:

9 “(4) Inpatient care at a residential treatment
10 center.”.

11 (2) REFERENCE.—Section 1075a(c) of such
12 title is amended by striking “section 1075f(a)” and
13 inserting “section 1095f(a)”.

14 (f) APPLICABILITY OF PREMIUM FOR DEPENDENT
15 COVERAGE.—Section 1110b(c)(1) of such title is amended
16 by striking “section 1075 of this section” and inserting
17 “section 1075 or 1075a of this title, as appropriate”.

18 **SEC. 709. CONTRACEPTION COVERAGE PARITY UNDER THE**
19 **TRICARE PROGRAM.**

20 (a) IN GENERAL.—Section 1074d of title 10, United
21 States Code, is amended—

22 (1) in subsection (a)—

23 (A) in the subsection heading, by inserting
24 “FOR MEMBERS AND FORMER MEMBERS” after
25 “SERVICES AVAILABLE”; and

1 (B) in paragraph (1), by striking “sub-
2 section (b)” and inserting “subsection (d)”;

3 (2) by redesignating subsection (b) as sub-
4 section (d); and

5 (3) by inserting after subsection (a) the fol-
6 lowing new subsections:

7 “(b) CARE RELATED TO PREVENTION OF PREG-
8 NANCY.—Female covered beneficiaries shall be entitled to
9 care related to the prevention of pregnancy described in
10 subsection (d)(3).

11 “(c) PROHIBITION ON COST-SHARING FOR CERTAIN
12 SERVICES.—Notwithstanding section 1074g(a)(6), section
13 1075, or section 1075a of this title or any other provision
14 of law, cost-sharing may not be imposed or collected for
15 care related to the prevention of pregnancy provided pur-
16 suant to subsection (a) or (b), including for any method
17 of contraception provided, whether provided through a fa-
18 cility of the uniformed services, the TRICARE retail phar-
19 macy program, or the national mail-order pharmacy pro-
20 gram.”.

21 (b) CARE RELATED TO PREVENTION OF PREG-
22 NANCY.—Subsection (d)(3) of such section, as redesign-
23 nated by subsection (a)(2), is further amended by insert-
24 ing before the period at the end the following: “(including
25 all methods of contraception approved by the Food and

1 Drug Administration, contraceptive care (including with
2 respect to insertion, removal, and follow up), sterilization
3 procedures, and patient education and counseling in con-
4 nection therewith”).

5 (c) CONFORMING AMENDMENT.—Section
6 1077(a)(13) of such title is amended by striking “section
7 1074d(b)” and inserting “section 1074d(d)”.

8 (d) EFFECTIVE DATE.—The amendments made by
9 this section shall take effect on October 1, 2018.

10 **Subtitle B—Health Care** 11 **Administration**

12 **SEC. 721. MODIFICATION OF PRIORITY FOR EVALUATION** 13 **AND TREATMENT OF INDIVIDUALS AT MILI-** 14 **TARY TREATMENT FACILITIES.**

15 Subsection (b) of section 717 of the National Defense
16 Authorization Act for Fiscal Year 2017 (Public Law 114–
17 328) is amended to read as follows:

18 “(b) PRIORITY OF COVERED BENEFICIARIES.—

19 “(1) IN GENERAL.—Except as provided in para-
20 graph (2), the evaluation and treatment of covered
21 beneficiaries at military treatment facilities shall be
22 prioritized ahead of the evaluation and treatment of
23 veterans and civilians at such facilities under sub-
24 section (a).

1 “(2) WAIVER.—The Secretary may waive the
2 requirement under paragraph (1) in order to provide
3 timely evaluation and treatment for individuals who
4 are—

5 “(A) severely wounded or injured by acts
6 of terror that occur in the United States; or

7 “(B) residents of the United States who
8 are severely wounded or injured by acts of ter-
9 ror outside the United States.”.

10 **SEC. 722. SELECTION OF DIRECTORS OF MILITARY TREAT-**
11 **MENT FACILITIES AND TOURS OF DUTY OF**
12 **SUCH DIRECTORS.**

13 (a) IN GENERAL.—Not later than January 1, 2019,
14 the Secretary of Defense shall do the following:

15 (1) Develop the common qualifications and core
16 competencies required of military and civilian indi-
17 viduals for selection as directors of military treat-
18 ment facilities.

19 (2) Establish a minimum length for the tour of
20 duty of a member of the Armed Forces serving as
21 a director of a military treatment facility.

22 (b) QUALIFICATIONS AND COMPETENCIES.—

23 (1) STANDARDS.—In developing common quali-
24 fications and core competencies under subsection

1 (a)(1), the Secretary shall include standards with re-
2 spect to the following:

3 (A) Professional competence.

4 (B) Moral and ethical integrity and char-
5 acter.

6 (C) Formal education in healthcare execu-
7 tive leadership and healthcare management.

8 (D) Such other matters as the Secretary
9 considers appropriate.

10 (2) OBJECTIVE.—The objective of the Secretary
11 in developing such qualifications and competencies
12 shall be to ensure that the individuals selected as di-
13 rectors of military treatment facilities are highly
14 qualified to serve as health system executives in a
15 medical treatment facility of the Armed Forces.

16 (c) TOURS OF DUTY.—

17 (1) IN GENERAL.—Except as provided in para-
18 graph (2), in the case of a director of a military
19 treatment facility who is a member of the Armed
20 Forces, the length of the tour of duty of any such
21 director assigned to such position after January 1,
22 2019, may not be shorter than the longer of—

23 (A) the length established pursuant to sub-
24 section (a)(2); or

25 (B) three years.

1 (2) WAIVER.—The Secretary may authorize a
2 tour of duty of a member of the Armed Forces serv-
3 ing as a director of a military treatment facility of
4 a shorter length than is otherwise provided for in
5 paragraph (1) if the Secretary determines, in the
6 discretion of the Secretary, that there is good cause
7 for a tour of duty in such position of shorter length.
8 Any such determination shall be made on a case-by-
9 case basis.

10 **SEC. 723. CLARIFICATION OF ADMINISTRATION OF MILI-**
11 **TARY MEDICAL TREATMENT FACILITIES.**

12 Section 1073e(a) of title 10, United States Code, is
13 amended—

14 (1) in paragraph (1)(E), by striking “miliary”
15 and inserting “military”;

16 (2) in paragraph (2), in the matter preceding
17 subparagraph (A), by striking “commander of each
18 military medical treatment facility” and inserting
19 “military or civilian director of each military medical
20 treatment facility, under the authority, direction,
21 and control of the Director of the Defense Health
22 Agency,”; and

23 (3) by adding at the end the following new
24 paragraph:

1 **SEC. 725. PILOT PROGRAM ON ESTABLISHMENT OF INTE-**
2 **GRATED HEALTH CARE DELIVERY SYSTEMS.**

3 (a) IN GENERAL.—Beginning not later than one year
4 after the date of the enactment of this Act, the Secretary
5 of Defense, in consultation with the Secretary of Veterans
6 Affairs and the Secretary of Health and Human Services,
7 shall carry out a pilot program to establish integrated
8 health care delivery systems among the military health
9 system, other Federal health systems, and private sector
10 integrated health systems.

11 (b) DURATION OF PILOT PROGRAM.—The Secretary
12 of Defense shall carry out the pilot program for a period
13 of not less than five years.

14 (c) IMPLEMENTATION OF PILOT PROGRAM.—

15 (1) ESTABLISHMENT OF TASK FORCE.—The
16 Secretary shall establish a multi-disciplinary task
17 force of Federal and private sector health care ex-
18 perts (in this section referred to as the “Task
19 Force”) to develop a plan to implement the pilot
20 program.

21 (2) MEMBERSHIP OF TASK FORCE.—

22 (A) IN GENERAL.—The Task Force shall
23 be composed of senior health care representa-
24 tives from—

25 (i) the Department of Defense;

1 (ii) the Department of Veterans Af-
2 fairs;

3 (iii) the Centers for Medicare & Med-
4 icaid Services;

5 (iv) high-performance, integrated
6 health systems in the private sector; and

7 (v) health information technology or-
8 ganizations in the private sector.

9 (B) ADDITIONAL MEMBERS.—The Sec-
10 retary may appoint additional members of the
11 Task Force from the private sector as the Sec-
12 retary considers appropriate.

13 (3) SUBMITTAL OF PLAN.—Not later than 180
14 days after the date of the enactment of this Act, the
15 Task Force shall submit to the Secretary an imple-
16 mentation plan for the pilot program.

17 (4) NONAPPLICABILITY OF FEDERAL ADVISORY
18 COMMITTEE ACT.—The Federal Advisory Committee
19 Act (5 U.S.C. App.) shall not apply to the Task
20 Force.

21 (d) ELEMENTS.—The pilot program shall be devel-
22 oped and carried out as follows:

23 (1) To create high-value integrated health sys-
24 tems that—

1 (A) establish value-based models of reim-
2 bursement for health care providers in inte-
3 grated health care delivery systems to promote
4 medical innovation and create better health
5 value for patients;

6 (B) provide innovative health benefit de-
7 sign solutions to promote effective, efficient,
8 and affordable health care; and

9 (C) tailor case management and care co-
10 ordination for high-need, high-cost patients.

11 (2) To empower health care providers with real-
12 time advanced information technology solutions—

13 (A) to coordinate and manage health care
14 services across the continuum of care; and

15 (B) to leverage sophisticated data capture,
16 cloud computing, and data analytical tools to
17 provide predictive modeling capabilities for
18 health care providers.

19 (3) To empower patients with transparent in-
20 formation on health care costs, quality outcomes,
21 and safety within health care provider networks in
22 high-value integrated health systems.

23 (4) To provide incentives to patients and health
24 care providers to prevent overuse of low-value health
25 care services.

1 (e) REPORTS.—

2 (1) REPORT ON IMPLEMENTATION.—Not later
3 than 270 days after the date of the enactment of
4 this Act, the Secretary shall transmit to the Com-
5 mittees on Armed Services of the Senate and the
6 House of Representatives the implementation plan
7 submitted to the Secretary under subsection (c)(3).

8 (2) FINAL REPORT.—

9 (A) IN GENERAL.—Not later than four
10 years after the date that the pilot program be-
11 gins, the Secretary shall submit to the Commit-
12 tees on Armed Services of the Senate and the
13 House of Representatives a report assessing the
14 pilot program.

15 (B) ELEMENTS.—The report submitted
16 under subparagraph (A) shall provide the fol-
17 lowing:

18 (i) An analysis of the impact of the
19 pilot program on building sustainable inte-
20 grated health care delivery systems among
21 the military health system, other Federal
22 health systems, and private sector inte-
23 grated health systems.

24 (ii) A determination of the extent to
25 which value-based health care reimburse-

1 ment models create value for patients and
2 the health systems participating in the
3 pilot program.

4 (iii) A determination of the extent to
5 which the use of real-time advanced infor-
6 mation technology solutions—

7 (I) improves coordination and
8 management of health care services
9 across the continuum of care; and

10 (II) leverages sophisticated data
11 capture, cloud computing, and data
12 analytical tools to provide comprehen-
13 sive predictive modeling capabilities
14 for health care providers.

15 (iv) A determination of the extent to
16 which transparency of health care costs,
17 health care quality outcomes, and patient
18 safety within health care provider networks
19 encourages patients to seek care from
20 health care providers who provide high-
21 quality health outcomes at lower cost.

22 (v) A determination of the extent to
23 which patient and provider incentives pre-
24 vent overuse of low-value health services.

1 (vi) A determination of the extent to
2 which the pilot program should be ex-
3 panded and implemented on a permanent
4 basis.

5 **Subtitle C—Reports and Other** 6 **Matters**

7 **SEC. 731. EXTENSION OF AUTHORITY FOR JOINT DEPART-** 8 **MENT OF DEFENSE-DEPARTMENT OF VET-** 9 **ERANS AFFAIRS MEDICAL FACILITY DEM-** 10 **ONSTRATION FUND.**

11 Section 1704(e) of the National Defense Authoriza-
12 tion Act for Fiscal Year 2010 (Public Law 111–84; 123
13 Stat. 2573), as amended by section 722 of the Carl Levin
14 and Howard P. “Buck” McKeon National Defense Au-
15 thorization Act for Fiscal Year 2015 (Public Law 113–
16 291), section 723 of the National Defense Authorization
17 Act for Fiscal Year 2016 (Public Law 114–92), and sec-
18 tion 741(a) of the National Defense Authorization Act for
19 Fiscal Year 2017 (Public Law 114–328), is further
20 amended by striking “September 30, 2018” and inserting
21 “September 30, 2019”.

1 **SEC. 732. ADDITIONAL EMERGENCY USES FOR MEDICAL**
2 **PRODUCTS TO REDUCE DEATHS AND SEVER-**
3 **ITY OF INJURIES CAUSED BY AGENTS OF**
4 **WAR.**

5 Section 1107a of title 10, United States Code, is
6 amended by adding at the end the following new sub-
7 section:

8 “(d) **ADDITIONAL AUTHORITY TO REDUCE DEATHS**
9 **AND SEVERITY OF INJURIES CAUSED BY AGENTS OF**
10 **WAR.—(1)** In a case in which an emergency use of an
11 unapproved product or an emergency unapproved use of
12 an approved product cannot be authorized under section
13 564 of the Federal Food, Drug and Cosmetic Act (21
14 U.S.C. 360bbb–3) because the emergency does not involve
15 an actual or threatened attack with a biological, chemical,
16 radiological, or nuclear agent or agents, the Secretary of
17 Defense may authorize an emergency use outside the
18 United States of the product to reduce the number of
19 deaths or the severity of harm to members of the armed
20 forces (or individuals associated with deployed members
21 of the armed forces) caused by a risk or agent of war.

22 “(2) Except as otherwise provided in this subsection,
23 an authorization by the Secretary under paragraph (1)
24 shall have the same effect with respect to the armed forces
25 as an emergency use authorization under section 564 of

1 the Federal Food, Drug and Cosmetic Act (21 U.S.C.
2 360bbb-3).

3 “(3) The Secretary may issue an authorization under
4 paragraph (1) with respect to the emergency use of an
5 unapproved product or the emergency unapproved use of
6 an approved product only if—

7 “(A) the committee established under para-
8 graph (5) has recommended that the Secretary issue
9 the authorization; and

10 “(B) the Assistant Secretary of Defense for
11 Health Affairs makes a written determination, after
12 consultation with the Commissioner of Food and
13 Drugs, that, based on the totality of scientific evi-
14 dence available to the Assistant Secretary, criteria
15 comparable to those specified in section 564(c) of
16 the Federal Food, Drug and Cosmetic Act (21
17 U.S.C. 360bbb-3(c)) have been met.

18 “(4) With respect to the emergency use of an unap-
19 proved product or the emergency unapproved use of an
20 approved product under this subsection, the Secretary of
21 Defense shall establish such scope, conditions, and terms
22 under this subsection as the Secretary considers appro-
23 priate, including scope, conditions, and terms comparable
24 to those specified in section 564 of the Federal Food,
25 Drug and Cosmetic Act (21 U.S.C. 360bbb-3).

1 “(5)(A) There is established in the Department of
2 Defense a Department of Defense Emergency Use Author-
3 ization Committee (in this paragraph referred to as the
4 ‘Committee’) to advise the Assistant Secretary of Defense
5 for Health Affairs on proposed authorizations under this
6 subsection.

7 “(B) Members of the Committee shall be appointed
8 by the Secretary of Defense and shall consist of prominent
9 health care professionals who are not employees of the De-
10 partment of Defense (other than for purposes of serving
11 as a member of the Committee).

12 “(C) The Committee may be established as a sub-
13 committee of another Federal advisory committee.

14 “(6) In this subsection:

15 “(A) The term ‘biological product’ has the
16 meaning given that term in section 351(i) of the
17 Public Health Service Act (42 U.S.C. 262(i)).

18 “(B) The terms ‘device’ and ‘drug’ have the
19 meanings given those terms in section 201 of the
20 Federal Food, Drug and Cosmetic Act (21 U.S.C.
21 321).

22 “(C) The term ‘product’ means a drug, device,
23 or biological product.

24 “(D) The terms ‘unapproved product’ and ‘un-
25 approved use of an approved product’ have the

1 meanings given those terms in section 564(a)(4) of
2 the Federal Food, Drug and Cosmetic Act (21
3 U.S.C. 360bbb-3(a)(4)).”.

4 **SEC. 733. PROHIBITION ON CONDUCT OF CERTAIN MED-**
5 **ICAL RESEARCH AND DEVELOPMENT**
6 **PROJECTS.**

7 The Secretary of Defense and each Secretary of a
8 military department may not fund or conduct a medical
9 research and development project unless the Secretary
10 funding or conducting the project—

11 (1) submits to the Committees on Armed Serv-
12 ices of the Senate and the House of Representatives
13 a written certification that the project is designed to
14 directly protect, enhance, or restore the health and
15 safety of members of the Armed Forces; and

16 (2) does not initiate the funding or conduct of
17 such project until the date that is 90 days after the
18 submittal of such written certification.

19 **SEC. 734. MODIFICATION OF DETERMINATION OF AVERAGE**
20 **WAIT TIMES AT URGENT CARE CLINICS AND**
21 **PHARMACIES AT MILITARY MEDICAL TREAT-**
22 **MENT FACILITIES UNDER PILOT PROGRAM.**

23 (a) URGENT CARE CLINICS.—Subsection (c)(2) of
24 section 744 of the National Defense Authorization Act for

1 Fiscal Year 2017 (Public Law 114–328) is amended to
2 read as follows:

3 “(2) DETERMINATION.—In carrying out para-
4 graph (1), the Secretary shall determine the average
5 wait time to display under such paragraph by using
6 a formula derived from best practices in the health
7 care industry.”.

8 (b) PHARMACIES.—Subsection (d)(2) of such section
9 is amended to read as follows:

10 “(2) DETERMINATION.—In carrying out para-
11 graph (1), the Secretary shall determine the average
12 wait time to display under such paragraph by using
13 a formula derived from best practices in the health
14 care industry.”.

15 **SEC. 735. REPORT ON PLAN TO IMPROVE PEDIATRIC CARE**
16 **AND RELATED SERVICES FOR CHILDREN OF**
17 **MEMBERS OF THE ARMED FORCES.**

18 (a) IN GENERAL.—Not later than 180 days after the
19 date of the enactment of this Act, the Secretary of Defense
20 shall submit to the Committees on Armed Services of the
21 Senate and the House of Representatives a report setting
22 forth a plan of the Department of Defense to improve pe-
23 diatric care and related services for children of members
24 of the Armed Forces.

1 (b) ELEMENTS.—The report required by subsection
2 (a) shall include the following:

3 (1) In order to ensure that children receive de-
4 velopmentally-appropriate and age-appropriate
5 health care services from the Department, a plan to
6 align preventive pediatric care under the TRICARE
7 program with—

8 (A) standards for such care as required by
9 the Patient Protection and Affordable Care Act
10 (Public Law 111–148);

11 (B) guidelines established for such care by
12 the Early and Periodic Screening, Diagnosis,
13 and Treatment program under the Medicaid
14 program carried out under title XIX of the So-
15 cial Security Act (42 U.S.C. 1396 et seq.); and

16 (C) recommendations by organizations that
17 specialize in pediatrics.

18 (2) A plan to develop a uniform definition of
19 “pediatric medical necessity” for the Department
20 that aligns with recommendations of organizations
21 that specialize in pediatrics in order to ensure that
22 a consistent definition of such term is used in pro-
23 viding health care in military treatment facilities and
24 by health care providers under the TRICARE pro-
25 gram.

1 (3) A plan to revise certification requirements
2 for residential treatment centers of the Department
3 to expand the access of children of members of the
4 Armed Forces to services at such centers.

5 (4) A plan to develop measures to evaluate and
6 improve access to pediatric care, coordination of pe-
7 diatric care, and health outcomes for such children.

8 (5) A plan to include an assessment of access
9 to pediatric specialty care in the annual report to
10 Congress on the effectiveness of the TRICARE pro-
11 gram.

12 (6) A plan to improve the quality of and access
13 to behavioral health care under the TRICARE pro-
14 gram for children of members of the Armed Forces,
15 including intensive outpatient and partial hos-
16 pitalization services.

17 (7) A plan to mitigate the impact of permanent
18 changes of station and other service-related reloca-
19 tions of members of the Armed Forces on the con-
20 tinuity of health care services received by such chil-
21 dren who have special medical or behavioral health
22 needs.

23 (8) A plan to mitigate deficiencies in data col-
24 lection, data utilization, and data analysis to im-

1 prove pediatric care and related services for children
2 of members of the Armed Forces.

3 (c) TRICARE PROGRAM DEFINED.—In this section,
4 the term “TRICARE program” has the meaning given
5 such term in section 1072 of title 10, United States Code.

6 **SEC. 736. INCLUSION OF GAMBLING DISORDER IN HEALTH**
7 **ASSESSMENTS AND RELATED RESEARCH EF-**
8 **FORTS OF THE DEPARTMENT OF DEFENSE.**

9 (a) ANNUAL PERIODIC HEALTH ASSESSMENT.—The
10 Secretary of Defense shall incorporate medical screening
11 questions specific to gambling disorder into the Annual
12 Periodic Health Assessment (DD Form 3024) conducted
13 by the Department of Defense for members of the Armed
14 Forces.

15 (b) RESEARCH EFFORTS.—The Secretary shall incor-
16 porate into ongoing research efforts of the Department
17 questions on gambling disorder, as appropriate, including
18 by restoring such questions into the Health Related Be-
19 haviors Survey of Active Duty Military Personnel.

1 **TITLE VIII—ACQUISITION POL-**
2 **ICY, ACQUISITION MANAGE-**
3 **MENT, AND RELATED MAT-**
4 **TERS**

5 **Subtitle A—Acquisition Policy and**
6 **Management**

7 **SEC. 801. REPEAL OF TEMPORARY SUSPENSION OF PUBLIC-**
8 **PRIVATE COMPETITIONS FOR CONVERSION**
9 **OF DEPARTMENT OF DEFENSE FUNCTIONS**
10 **TO PERFORMANCE BY CONTRACTORS.**

11 Effective as of the date that is one year after the
12 date of the enactment of this Act, section 325 of the Na-
13 tional Defense Authorization Act for Fiscal Year 2010
14 (Public Law 111–84; 123 Stat. 2253) is repealed.

15 **SEC. 802. TECHNICAL AND CONFORMING AMENDMENTS RE-**
16 **LATED TO PROGRAM MANAGEMENT PROVI-**
17 **SIONS.**

18 (a) REPEAL OF DUPLICATIVE PROVISION RELATED
19 TO PROGRAM AND PROJECT MANAGEMENT.—Subsection
20 (c) of section 503 of title 31, United States Code, as added
21 by section 861(a)(1) of the National Defense Authoriza-
22 tion Act for Fiscal Year 2017 (Public Law 114–328; 130
23 Stat. 2298), is repealed.

24 (b) REPEAL OF DUPLICATIVE PROVISION RELATED
25 TO PROGRAM MANAGEMENT OFFICERS AND PROGRAM

1 MANAGEMENT POLICY COUNCIL.—Section 1126 of title
2 31, United States Code, as added by section 861(b)(1) of
3 the National Defense Authorization Act for Fiscal Year
4 2017 (Public Law 114–328; 130 Stat. 2299), is repealed.

5 (c) REPEAL OF OBSOLETE PROVISIONS.—Section
6 861 of the National Defense Authorization Act for Fiscal
7 Year 2017 (Public Law 114–328; 130 Stat. 2299) is
8 amended—

9 (1) in subsection (a), by striking paragraphs
10 (2) and (3);

11 (2) in subsection (b), by striking paragraph (2);
12 and

13 (3) by striking subsections (c) and (d).

14 **SEC. 803. SHOULD-COST MANAGEMENT.**

15 (a) REQUIREMENT FOR REGULATIONS.—Not later
16 than 180 days after the date of the enactment of this Act,
17 the Secretary of Defense shall amend the Defense Supple-
18 ment to the Federal Acquisition Regulation to provide for
19 the appropriate use of the should-cost review process in
20 a manner that is transparent, objective, and provides for
21 the efficiency of the systems acquisition process in the De-
22 partment of the Defense.

23 (b) REQUIRED ELEMENTS.—The regulations re-
24 quired under subsection (a) shall incorporate, at a min-
25 imum, the following elements:

1 (1) A description of the features distinguishing
2 a should-cost review and the analysis of program di-
3 rect and indirect costs.

4 (2) Establishment of a process for commu-
5 nicating with the contractor the elements of a pro-
6 posed should-cost review.

7 (3) A method for ensuring that identified
8 should-cost savings opportunities are based on accu-
9 rate, complete, and current information and are as-
10 sociated with specific engineering or business
11 changes that can be quantified and tracked.

12 (4) A description of the training, skills, and ex-
13 perience, including cross functional experience, that
14 Department of Defense and contractor officials car-
15 rying out a should-cost review in subsection (a)
16 should possess.

17 (5) A method for ensuring appropriate collabo-
18 ration with the contractor throughout the review
19 process.

20 (6) Establishment of review process require-
21 ments that provide for sufficient analysis and mini-
22 mize any impact on program schedule.

23 (7) A requirement that any separate audit or
24 review carried out in connection with the should-cost

1 review be provided to the prime contractor under the
2 program.

3 **SEC. 804. CLARIFICATION OF PURPOSE OF DEFENSE AC-**
4 **QUISITION.**

5 Not later than 180 days after the date of the enact-
6 ment of this Act, the Secretary of Defense shall amend
7 the Defense Federal Acquisition Regulation as appropriate
8 to provide the following:

9 (1) The Defense Acquisition System exists to
10 manage the nation's investments in technologies,
11 programs, and product support necessary to achieve
12 the National Security Strategy and support the
13 United States Armed Forces.

14 (2) The investment strategy of the Department
15 of Defense shall be postured to support not only to-
16 day's force, but also the next force, and future
17 forces beyond that.

18 (3) The primary objective of Defense acquisi-
19 tion is to acquire quality products that satisfy user
20 needs with measurable improvements to mission ca-
21 pability and operational support, in a timely manner,
22 and at a fair and reasonable price.

1 **SEC. 805. DEFENSE POLICY ADVISORY COMMITTEE ON**
2 **TECHNOLOGY.**

3 (a) ESTABLISHMENT.—Not later than 180 days after
4 the date of the enactment of this Act, the Secretary of
5 Defense shall form a committee of senior executives from
6 United States firms in the national technology and indus-
7 trial base to meet with the Secretary, the Secretaries of
8 the military departments, and members of the Joint
9 Chiefs of Staff to exchange information, including, as ap-
10 propriate, classified information, on technology threats to
11 the national security of the United States and on the
12 emerging technologies from the national technology and
13 industrial base that may become available to counter such
14 threats in a timely manner.

15 (b) MEETINGS.—The defense policy advisory com-
16 mittee on technology formed pursuant to subsection (a)
17 shall meet with the Secretary and the other Department
18 of Defense officials specified in such subsection collectively
19 at least once annually in each of fiscal years 2018 through
20 2022. The Secretary of Defense shall provide the congres-
21 sional defense committees annual briefings on the meet-
22 ings.

23 (c) FEDERAL ADVISORY COMMITTEE ACT.—The
24 Federal Advisory Committee Act (5 U.S.C. App.) shall not
25 apply to the defense policy advisory committee on tech-
26 nology established pursuant to this section.

1 **SEC. 806. REPORT ON EXTENSION OF DEVELOPMENT, AC-**
2 **QUISITION, AND SUSTAINMENT AUTHORITIES**
3 **OF THE MILITARY DEPARTMENTS TO THE**
4 **UNITED STATES SPECIAL OPERATIONS COM-**
5 **MAND.**

6 (a) REVIEW.—The Secretary of Defense shall carry
7 out a review of the authorities available to the Secretaries
8 of the military departments and the acquisition executives
9 of the military departments for the development, acquisi-
10 tion, and sustainment of technology, equipment, and serv-
11 ices for the military departments in order to determine
12 the feasibility and advisability of the provision of such au-
13 thorities to the Commander of the United States Special
14 Operations Command and the acquisition executive of the
15 Command for the development, acquisition, and
16 sustainment of special operations-peculiar technology,
17 equipment, and services.

18 (b) REPORT.—Not later than 120 days after the date
19 of the enactment of this Act, the Secretary shall submit
20 to the Committees on Armed Services of the Senate and
21 the House of Representatives a report on the review re-
22 quired by subsection (a). The report shall include the fol-
23 lowing:

24 (1) A description of the review.

25 (2) An identification of the authorities the Sec-
26 retary recommends for provision to the Commander

1 of the United States Special Operations Command
2 and the acquisition executive of the Command as de-
3 scribed in subsection (a), and recommendations for
4 any modifications of such authorities that the Sec-
5 retary considers appropriate for purposes of the
6 United States Special Operations Command.

7 (3) Such recommendations for legislative or ad-
8 ministrative action as the Secretary considers appro-
9 priate for the provision of authorities identified pur-
10 suant to paragraph (2) as described in subsection
11 (a).

12 (4) Such other matters as the Secretary con-
13 siders appropriate in light of the review.

14 **Subtitle B—Amendments to Gen-**
15 **eral Contracting Authorities,**
16 **Procedures, and Limitations**

17 **SEC. 811. WAIVER AUTHORITY FOR PURPOSES OF EXPAND-**
18 **ING COMPETITION.**

19 Section 2304 of title 10, United States Code, is
20 amended by adding at the end the following new sub-
21 section:

22 “(m) In the event the application of any provision of
23 law results in only one responsible bidder for a contract,
24 the Secretary of Defense may waive such provision of law

1 (other than subsection (c)) for purposes of expanding com-
2 petition for the contract.”.

3 **SEC. 812. INCREASED SIMPLIFIED ACQUISITION THRESH-**
4 **OLD APPLICABLE TO DEPARTMENT OF DE-**
5 **FENSE PROCUREMENTS.**

6 (a) INCREASED SIMPLIFIED ACQUISITION THRESH-
7 OLD.—

8 (1) IN GENERAL.—Chapter 137 of title 10,
9 United States Code, is amended by adding at the
10 end the following new section:

11 **“§ 2339a. Simplified acquisition threshold**

12 “Notwithstanding section 134 of title 41, the sim-
13 plified acquisition threshold for the Department of De-
14 fense for purposes of such section is \$250,000.”.

15 (2) CLERICAL AMENDMENT.—The table of sec-
16 tions at the beginning of such chapter is amended
17 by adding at the end the following new item:

“2339a. Simplified acquisition threshold.”.

18 (b) CONFORMING AMENDMENT.—Section 134 of title
19 41, United States Code, is amended by striking “In divi-
20 sion B” and inserting “Except as provided in section
21 2339a of title 10, in division B”.

1 **SEC. 813. INCREASED THRESHOLD FOR COST OR PRICING**
2 **DATA AND TRUTH IN NEGOTIATIONS RE-**
3 **QUIREMENTS.**

4 Section 2306a of title 10, United States Code, is
5 amended by striking “\$500,000” each place it appears
6 and inserting “\$1,000,000”.

7 **SEC. 814. CONTRACT AUTHORITY FOR ADVANCED DEVEL-**
8 **OPMENT OF INITIAL OR ADDITIONAL PROTO-**
9 **TYPE UNITS.**

10 (a) PERMANENT AUTHORITY.—

11 (1) IN GENERAL.—Chapter 137 of title 10,
12 United States Code, is amended by inserting after
13 section 2302d the following new section:

14 **“§ 2302e. Contract authority for advanced develop-**
15 **ment of initial or additional prototype**
16 **units**

17 “(a) AUTHORITY.—A contract initially awarded from
18 the competitive selection of a proposal resulting from a
19 general solicitation referred to in section 2302(2)(B) of
20 this title may contain a contract line item or contract op-
21 tion for—

22 “(1) the provision of advanced component de-
23 velopment, prototype, or initial production of tech-
24 nology developed under the contract; or

1 “(2) the delivery of initial or additional items if
2 the item or a prototype thereof is created as the re-
3 sult of work performed under the contract.

4 “(b) LIMITATIONS.—

5 “(1) MINIMAL AMOUNT.—A contract line item
6 or contract option described in subsection (a)(2)
7 shall require the delivery of the minimal amount of
8 initial or additional items to allow for the timely
9 competitive solicitation and award of a follow-on de-
10 velopment or production contract for those items.

11 “(2) TERM.—A contract line item or contract
12 option described in subsection (a) shall be for a term
13 of not more than 2 years.

14 “(3) DOLLAR VALUE OF WORK.—The dollar
15 value of the work to be performed pursuant to a
16 contract line item or contract option described in
17 subsection (a) may not exceed the amount of ex-
18 penditure consistent with a major system, as defined
19 in section 2302d of this title.

20 “(4) APPLICABILITY.—The authority provided
21 in subsection (a) applies only to the Secretary of De-
22 fense, the Secretary of the Army, the Secretary of
23 the Navy, and the Secretary of the Air Force.”.

24 “(2) CLERICAL AMENDMENT.—The table of sec-
25 tions at the beginning of such chapter is amended

1 by inserting after the item relating to section 2302d
2 the following new item:

“2302e. Contract authority for advanced development of initial or additional
prototype units.”.

3 (b) MODIFICATION OF COMPETITIVE PROCEDURES
4 DEFINITION.—Section 2302(2)(B) of title 10, United
5 States Code, is amended by striking “basic research pro-
6 posals” and inserting “proposals for basic research, ap-
7 plied research, advanced research, or development
8 projects”.

9 (c) REPEAL OF OBSOLETE AUTHORITY.—Section
10 819 of the National Defense Authorization Act for Fiscal
11 Year 2010 (Public Law 107–314; 10 U.S.C. 2302 note)
12 is hereby repealed.

13 **SEC. 815. TREATMENT OF INDEPENDENT RESEARCH AND**
14 **DEVELOPMENT COSTS ON CERTAIN CON-**
15 **TRACTS.**

16 (a) THRESHOLD FOR ESTABLISHING ADVISORY
17 PANEL RELATED TO GOAL FOR REIMBURSABLE BID AND
18 PROPOSAL COSTS.—Section 2372a(d)(1) of title 10,
19 United States Code, as added by section 824(b)(1) of the
20 National Defense Authorization Act for Fiscal Year 2017
21 (Public Law 114–328), is amended by striking “If the De-
22 partment of Defense exceeds the goal established under
23 subsection (c) for a fiscal year, within 180 days after ex-
24 ceeding the goal” and inserting “If the amount of reim-

1 bursable bid and proposal costs paid by the Department
2 of Defense for a fiscal year exceeds .75 percent of the total
3 aggregate industry sales to the Department for such fiscal
4 year, within 180 days of exceeding such threshold”.

5 (b) INDEPENDENT RESEARCH AND DEVELOPMENT
6 COSTS: ALLOWABLE COSTS.—Section 2372(d) of title 10,
7 United States Code, as amended by section 824(a)(1) of
8 the National Defense Authorization Act for Fiscal Year
9 2017 (Public Law 114–328), is further amended by strik-
10 ing “subsection (c)(3)(A)” and inserting “subsection
11 (c)(2)(A)”.

12 **SEC. 816. NON-TRADITIONAL CONTRACTOR DEFINITION.**

13 Section 2302(9) of title 10, United States Code, is
14 amended by striking “means an entity that is not cur-
15 rently performing” and inserting “means a specific busi-
16 ness unit or function with a unique entity identifier that
17 is not currently performing”.

18 **SEC. 817. REPEAL OF DOMESTIC SOURCE RESTRICTION RE-**

19 **LATED TO WEARABLE ELECTRONICS.**

20 Section 2533a(b)(2) of title 10, United States Code,
21 is amended by inserting “(excluding wearable electronics)”
22 after “Hand or measuring tools”.

1 **SEC. 818. USE OF OUTCOME-BASED AND PERFORMANCE-**
2 **BASED REQUIREMENTS FOR SERVICES CON-**
3 **TRACTS.**

4 (a) **JUSTIFICATION REQUIREMENT FOR USE OF PER-**
5 **SONNEL AND LABOR HOUR REQUIREMENTS.**—The De-
6 partment of Defense may not enter into a contract for
7 the procurement of services valued in excess of
8 \$10,000,000 based on specific descriptive personnel and
9 labor hour requirements unless the program manager and
10 contracting officer first submit to the Under Secretary of
11 Defense for Acquisition and Sustainment a written jus-
12 tification including the reasons for basing the contract on
13 those requirements instead of outcome- or performance-
14 based requirements.

15 (b) **COMPTROLLER GENERAL REPORT.**—Not later
16 than two years after the date of the enactment of this Act,
17 the Comptroller General of the United States shall submit
18 to the congressional defense committees a report on jus-
19 tifications submitted pursuant to subsection (a). The re-
20 port shall review the adequacy of the justifications and
21 identify any reoccurring obstacles to the use of outcome-
22 and performance-based requirements instead of specified
23 personnel and labor hour requirements for purposes of
24 awarding services contracts.

25 (c) **SUNSET.**—The requirements under this section
26 shall terminate at the close of September 30, 2022.

1 **SEC. 819. PILOT PROGRAM FOR LONGER TERM MULTIYEAR**
2 **SERVICE CONTRACTS.**

3 (a) IN GENERAL.—The Secretary of Defense may use
4 the authority under subsection (a) of section 2306c of title
5 10, United States Code, to enter into up to five contracts
6 for periods of not more than 10 years for services de-
7 scribed in subsection (b) of such section. Each contract
8 entered into pursuant to this subsection may be extended
9 for up to five additional one-year terms.

10 (b) STUDY.—

11 (1) IN GENERAL.—Not later than 90 days after
12 the date of enactment of this Act, the Secretary of
13 Defense shall enter into an agreement with an inde-
14 pendent organization with relevant expertise to study
15 best practices and lessons learned from using serv-
16 ices contracts for periods longer than five years by
17 commercial companies, foreign governments, and
18 State governments, as well as service contracts for
19 periods longer than five years used by the Federal
20 Government, such as Energy Savings Performance
21 Contracts.

22 (2) REPORT.—Not later than one year after the
23 date of the enactment of this Act, the Secretary of
24 Defense shall submit to the congressional defense
25 committees a report on the study conducted under
26 paragraph (1).

1 (c) COMPTROLLER GENERAL REPORT.—Not later
2 than two years after the date of the enactment of this Act,
3 the Comptroller General of the United States shall submit
4 to the congressional defense committees a report on the
5 pilot program carried out under this section.

6 **SEC. 820. IDENTIFICATION OF COMMERCIAL SERVICES.**

7 Section 876 of the National Defense Authorization
8 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
9 2311) is amended—

10 (1) by striking “Not later than” and inserting
11 “(a) IN GENERAL.—Not later than”; and

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

14 “(b) IDENTIFICATION OF INDUSTRY SUBCAT-
15 EGORIES.—In preparing the guidance required under sub-
16 section (a), the Secretary shall identify those industry sub-
17 categories in facilities-related services, knowledge-based
18 services (except engineering services), construction serv-
19 ices, medical services, or transportation services in which
20 there are significant numbers of commercial services pro-
21 viders able to meet the requirements of the Department
22 of Defense.”.

1 **SEC. 821. GOVERNMENT ACCOUNTABILITY OFFICE BID**
 2 **PROTEST REFORMS.**

3 (a) IN GENERAL.—Chapter 137 of title 10, United
 4 States Code, as amended by section 812, is further amend-
 5 ed by adding at the end the following new section:

6 **“§ 2340. Government Accountability Office bid pro-**
 7 **tests**

8 “(a) PAYMENT OF COSTS FOR DENIED PROTESTS.—

9 “(1) IN GENERAL.—A contractor who files a
 10 protest described under paragraph (2) with the Gov-
 11 ernment Accountability Office on a contract with the
 12 Department of Defense shall pay to the Department
 13 of Defense costs incurred for processing a protest at
 14 the Government Accountability Office and the De-
 15 partment of Defense.

16 “(2) COVERED PROTESTS.—A protest described
 17 under this paragraph is a protest—

18 “(A) all of the elements of which are de-
 19 nied in an opinion issued by the Government
 20 Accountability Office; and

21 “(B) filed by a party with revenues in ex-
 22 cess of \$100,000,000 during the previous year.

23 “(b) WITHHOLDING OF PAYMENTS ABOVE IN-
 24 CURRED COSTS OF INCUMBENT CONTRACTORS.—

25 “(1) IN GENERAL.—Contractors who file a pro-
 26 test on a contract on which they are the incumbent

1 contractor shall have all payments above incurred
2 costs withheld on any bridge contracts or temporary
3 contract extensions awarded to the contractor as a
4 result of a delay in award resulting from the filing
5 of such protest.

6 “(2) DISPOSITION OF WITHHELD PAYMENTS
7 ABOVE INCURRED COSTS.—

8 “(A) RELEASE TO INCUMBENT CON-
9 TRACTOR.—All payments above incurred costs
10 of a protesting incumbent contractor withheld
11 pursuant to paragraph (1) shall be released to
12 the protesting incumbent contractor if—

13 “(i) the solicitation that is the subject
14 of the protest is cancelled and no subse-
15 quent request for proposal is released or
16 planned for release; or

17 “(ii) if the Government Accountability
18 Office issues an opinion that upholds any
19 of the protest grounds filed under the pro-
20 test.

21 “(B) RELEASE TO AWARDEE.—Except for
22 the exceptions set forth in subparagraph (A),
23 all payments above incurred costs of a pro-
24 testing incumbent contractor withheld pursuant
25 to paragraph (1) shall be released to the con-

1 tractor that was awarded the protested contract
2 prior to the protest.

3 “(C) RELEASE TO DEPARTMENT OF DE-
4 FENSE IN EVENT OF NO CONTRACT AWARD.—
5 Except for the exceptions set forth in subpara-
6 graph (A), if a protested contract for which
7 payments above incurred costs are withheld
8 under paragraph (1) is not awarded to a con-
9 tractor, the withheld payments shall be released
10 to the Department of Defense and deposited
11 into an account that can be used by the Depart-
12 ment to offset costs associated with Govern-
13 ment Accountability Office bid protests.”.

14 (b) CLERICAL AMENDMENT.—The table of sections
15 for such chapter, as amended by section 812(a)(2) of this
16 Act, is further amended by inserting after the item relat-
17 ing to section 2339a the following new item:

“2340. Government Accountability Office bid protests.”.

18 **SEC. 822. ENHANCED POST-AWARD DEBRIEFING RIGHTS.**

19 (a) RELEASE OF CONTRACT AWARD INFORMA-
20 TION.—Not later than 120 days after the date of the en-
21 actment of this Act, the Secretary of Defense shall revise
22 the Department of Defense Supplement to the Federal Ac-
23 quisition Regulation to require that all required post-
24 award debriefings must provide detailed and comprehen-
25 sive statements of the agency’s rating for each evaluation

1 criteria and of the agency's overall award decision. With
2 regard to protecting the confidential and proprietary infor-
3 mation of other offerors, the revision shall encourage the
4 release to the company of all information that otherwise
5 would be releaseable in the course of a bid protest chal-
6 lenge to an award. At a minimum, the revisions shall in-
7 clude—

8 (1) a requirement for disclosure of the agency's
9 written source selection award determination, re-
10 dacted if necessary to protect other offerors' con-
11 fidential and proprietary information;

12 (2) a requirement for a combined written and
13 oral debriefing for all contract awards and task or
14 delivery orders valued at \$10,000,000 or higher;

15 (3) a requirement for an option, at an offerors'
16 election, for access to an unredacted copy of the
17 source selection award determination and the sup-
18 porting agency record for outside counsel or other
19 appropriate outside representative for all contract
20 awards and task or delivery orders valued at
21 \$10,000,000 or higher;

22 (4) provisions ensuring that both losing and
23 winning offerors are entitled to the applicable en-
24 hanced post-award debriefing rights; and

1 (5) robust procedures, consistent with section
2 2305(b)(5)(C) of title 10, United States Code, and
3 section 15.506(e) of the Federal Acquisition Regula-
4 tion, to protect the confidential and proprietary in-
5 formation of other offerors.

6 (b) OPPORTUNITY FOR FOLLOW-UP QUESTIONS.—
7 Section 2305(b)(5) of title 10, United States Code, is
8 amended—

9 (1) by redesignating subparagraphs (C), (D),
10 and (E) as subparagraphs (D), (E), and (F), respec-
11 tively;

12 (2) in subparagraph (B)—

13 (A) in clause (v), by striking “; and” and
14 inserting a semicolon;

15 (B) in clause (vi), by striking the period at
16 the end and inserting “; and”; and

17 (C) by adding at the end the following new
18 clause:

19 “(vii) an opportunity for a disappointed of-
20 feror to submit within two business days of re-
21 ceiving a post-award debriefing additional, fol-
22 low-up questions related to the debriefing.”;
23 and

24 (3) by inserting after subparagraph (B) the fol-
25 lowing new subparagraph:

1 “(C) The agency shall respond in writing to ad-
2 ditional, follow-up questions submitted under sub-
3 paragraph (B) within five business days. The de-
4 briefing will not be considered concluded until the
5 agency delivers its written responses to the dis-
6 appointed offeror.”.

7 (c) COMMENCEMENT OF POST-BRIEFING PERIOD.—
8 Section 3553(d)(4) of title 31, United States Code, is
9 amended—

10 (1) by redesignating subparagraphs (A) and
11 (B) as clauses (i) and (ii) respectively;

12 (2) by striking “The period” and inserting “(A)
13 The period”; and

14 (3) by adding at the end the following new sub-
15 paragraph:

16 “(B) For procurements conducted by any com-
17 ponent of the Department of Defense, the five-day
18 post-debriefing period does not commence until the
19 day the Government delivers to a disappointed offer-
20 or the written responses to any questions submitted
21 pursuant to section 2305(5)(B)(vii) of title 10.”.

22 (d) DECISIONS ON PROTESTS.—Section 3554(a)(1)
23 of title 31, United States Code, is amended by striking
24 the period at the end and inserting the following: “for all
25 protests arising from agencies outside the Department of

1 Defense and within 65 days after the date the protest is
 2 submitted to the Comptroller General for all protests aris-
 3 ing from the Department of Defense and its subordinate
 4 agencies. In protests arising from the Department of De-
 5 fense and its subordinate agencies which present unusu-
 6 ally complex issues or large agency records, the Comp-
 7 troller General may extend the time for decision but in
 8 no event later than 100 days after the protest is sub-
 9 mitted.”.

10 **SEC. 823. LIMITATION ON UNILATERAL DEFINITIZATION.**

11 (a) LIMITATION.—Section 2326 of title 10, United
 12 States Code, is amended —

13 (1) by redesignating subsections (c), (d), (e),
 14 (f), (g), (h), and (i) as subsections (d), (e), (f), (g),
 15 (h), (i), and (j) respectively; and

16 (2) by inserting after subsection (b) the fol-
 17 lowing new subsection:

18 “(c) LIMITATION ON UNILATERAL DEFINITIZATION
 19 BY THE CONTRACTING OFFICER.—The following limita-
 20 tion applies to all undefinitized contractual actions with
 21 a not to exceed value of \$50,000,000 or greater:

22 “(1) If agreement is not reached on contractual
 23 terms, specifications, and price by a date certain, as
 24 required under subsection (b)(1), the contracting of-
 25 ficer may not unilaterally definitize those terms,

1 specifications and price over the objection of the con-
2 tractor until—

3 “(A) the head of the agency approves the
4 definitization in writing;

5 “(B) the contracting officer provides the
6 written approval to the contractor; and

7 “(C) the head of the agency notifies the
8 congressional defense committees of the ap-
9 proval.

10 “(2) The contract modification unilaterally de-
11 finitizing the action shall not take effect until 60
12 calendar days after the congressional defense com-
13 mittees have been notified under subparagraph (C)
14 of such paragraph.”.

15 (b) CONFORMING REGULATIONS.—Not later than
16 120 days after the date of the enactment of this Act, the
17 Secretary of Defense shall revise the Department of De-
18 fense Supplement to the Federal Acquisition Regulations
19 to conform with the amendments made by subsection (a).

1 **SEC. 824. RESTRICTION ON USE OF REVERSE AUCTIONS**
2 **AND LOWEST PRICE TECHNICALLY ACCEPT-**
3 **ABLE CONTRACTING METHODS FOR SAFETY**
4 **EQUIPMENT.**

5 (a) IN GENERAL.—Section 814 of the National De-
6 fense Authorization Act for Fiscal Year 2017 (Public Law
7 114–328) is amended—

8 (1) in the section heading, by inserting “**AND**
9 **SAFETY EQUIPMENT**” after “**PERSONAL PRO-**
10 **TECTIVE EQUIPMENT**”; and

11 (2) by inserting “and safety equipment” after
12 “personal protective equipment”.

13 (b) CONFORMING AMENDMENTS.—The tables of sec-
14 tions in section 2(b) of such Act and at the beginning of
15 title VIII of such Act are amended in the item relating
16 to section 814 by inserting “and safety equipment” after
17 “personal protective equipment”.

18 **SEC. 825. USE OF LOWEST PRICE TECHNICALLY ACCEPT-**
19 **ABLE SOURCE SELECTION PROCESS.**

20 (a) ADDITIONAL REQUIREMENTS.—Subsection (b) of
21 section 813 of the National Defense Authorization Act for
22 Fiscal Year 2017 (Public Law 114–328) is amended—

23 (1) in paragraph (5), by striking “; and” and
24 inserting a semicolon;

25 (2) in paragraph (6), by striking the period at
26 the end and inserting a semicolon; and

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

3 “(7) the Department of Defense would not real-
4 ize any additional innovation or future technological
5 advantage by using a different methodology; and

6 “(8) the items procured are predominantly ex-
7 pendable in nature, non-technical, or a short life ex-
8 pectancy or short shelf life.”.

9 (b) **REPORTING REQUIREMENT.**—Subsection (d) of
10 such section is amended by striking “contract exceeding
11 \$10,000,000” and inserting “contract exceeding
12 \$5,000,000”.

13 **SEC. 826. MIDDLE TIER OF ACQUISITION FOR RAPID PRO-**
14 **TOTYPE AND RAPID FIELDING.**

15 (a) **ELIMINATION OF COST-SHARING REQUIRE-**
16 **MENT.**—Section 804(c)(2) of the National Defense Au-
17 thorization Act for Fiscal Year 2016 (Public Law 114–
18 92; 10 U.S.C. 2302 note) is amended—

19 (1) by striking subparagraph (C); and

20 (2) by redesignating subparagraphs (D) and
21 (E) as subparagraphs (C) and (D), respectively.

22 (b) **USE OF SIMPLIFIED PROCEDURES.**—Not later
23 than 180 days after the date of the enactment of this Act,
24 the Defense Acquisition Regulation Supplement shall be
25 amended to provide for special simplified procedures for

1 purchases of property and services under the rapid proto-
2 typing and rapid fielding programs established under sec-
3 tion 804 of the National Defense Authorization Act for
4 Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 2302
5 note).

6 **SEC. 827. ELIMINATION OF COST UNDERRUNS AS FACTOR**
7 **IN CALCULATION OF PENALTIES FOR COST**
8 **OVERRUNS.**

9 (a) IN GENERAL.—Section 828 of the National De-
10 fense Authorization Act for Fiscal Year 2016 (Public Law
11 114–92; 10 U.S.C. 2430 note) is amended—

12 (1) in subsection (a), by striking “fiscal year
13 2015” and inserting “fiscal years 2018, 2019, 2020,
14 2021, and 2022”;

15 (2) in subsection (b)—

16 (A) in paragraph (1), by striking “or
17 underrun”;

18 (B) in paragraph (2), by striking “or
19 underruns”;

20 (C) in paragraph (3)—

21 (i) by striking “and cost underruns”;

22 and

23 (ii) by striking “or underruns”; and

1 (D) in paragraph (4), by striking “, except
2 that the cost overrun penalty may not be a neg-
3 ative amount”; and

4 (3) in subsection (c), by striking “each fiscal
5 year beginning with fiscal year 2015” and inserting
6 “fiscal years 2018, 2019, 2020, 2021, and 2022”.

7 (b) **PRIOR FISCAL YEARS.**—The requirements of sec-
8 tion 828 of the National Defense Authorization Act for
9 Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 2430
10 note), as in effect on the day before the date of the enact-
11 ment of this Act, shall continue to apply with respect to
12 fiscal years beginning on or before October 1, 2016.

13 **SEC. 828. CONTRACT CLOSEOUT AUTHORITY.**

14 Section 836(b)(1) of the National Defense Authoriza-
15 tion Act for Fiscal Year 2017 (Public Law 114–328; 130
16 Stat. 2286) is amended by striking “entered into prior to
17 fiscal year 2000” and inserting “entered into at least 17
18 years before the current fiscal year”.

19 **SEC. 829. SERVICE CONTRACTS OF THE DEPARTMENT OF**
20 **DEFENSE.**

21 (a) **INCLUSION OF CERTAIN INFORMATION IN FU-**
22 **TURE-YEARS DEFENSE PROGRAM.**—Each future-years de-
23 fense program submitted to Congress pursuant to section
24 221of title 10, United States Code, for a fiscal year after
25 fiscal year 2018 shall include an estimate of the cost and

1 number of service contracts of the Department of Defense
2 for each fiscal year covered by the future-years defense
3 program. The estimate shall be set forth for the Depart-
4 ment of Defense as a whole and separately for each de-
5 partment, agency, organization, and element of the De-
6 partment anticipated to use service contracts during the
7 fiscal years covered by the future-years defense program
8 concerned.

9 (b) REQUIREMENT FOR CERTIFICATION AND BRIEF-
10 ING.—No study or competition regarding a public-private
11 competition for the conversion to performance by a con-
12 tractor for any function performed by Department of De-
13 fense civilian employees may be begun or announced pur-
14 suant to section 2461 of title 10, United States Code, or
15 otherwise pursuant to Office of Management and Budget
16 Circular A-76, until such time as—

17 (1) the future-years defense program submitted
18 to Congress includes the information described in
19 subsection (a); or

20 (2) the Secretary of Defense certifies that the
21 Department has a plan to provide such information
22 by the next fiscal year.

1 **SEC. 830. DEPARTMENT OF DEFENSE CONTRACTOR WORK-**
2 **PLACE SAFETY AND ACCOUNTABILITY.**

3 (a) IDENTIFICATION OF KNOWN WORKPLACE SAFE-
4 TY AND HEALTH VIOLATIONS.—

5 (1) IN GENERAL.—A contracting officer, prior
6 to awarding or renewing a covered contract, shall, as
7 part of the responsibility determination, consider any
8 identified violations of the Occupational Safety and
9 Health Act of 1970 (29 U.S.C. 651 et seq.) or
10 equivalent State laws by the offeror, and by any cov-
11 ered subcontractors.

12 (2) RESPONSIBILITY DETERMINATION.—The
13 contracting officer shall consider violations described
14 in paragraph (1) in determining whether the offeror
15 is a responsible source with a satisfactory record of
16 performance that meets mission and ethical stand-
17 ards.

18 (3) REFERRAL OF INFORMATION TO SUSPEN-
19 SION AND DEBARMENT OFFICIALS.—As appropriate,
20 a contracting officer shall refer matters related to
21 violations described in paragraph (1) to the Depart-
22 ment of Defense's suspension and debarment official
23 in accordance with Department procedures.

24 (b) CONTRACTOR RIGHTS.—The Secretary of De-
25 fense shall establish policies and practices—

1 (1) ensuring that when making responsibility
2 determinations, contracting officers request that
3 contractors provide any and all information the con-
4 tractors deem necessary to demonstrate responsi-
5 bility prior to final determinations;

6 (2) establishing mechanisms for contractors to
7 have an expedited process to review any information
8 used to support determinations of non-responsibility;
9 and

10 (3) establishing mechanisms for contractors to
11 have an expedited process to appeal determinations
12 of non-responsibility.

13 (c) PROTEST RIGHTS.—The Secretary of Defense
14 shall protect the rights of contractors to protest bids and
15 appeal actions taken pursuant to this section.

16 (d) TRAINING AND GUIDANCE.—The Secretary of
17 Defense shall develop and provide clear training and guid-
18 ance to acquisition officials, contracting officers, and cur-
19 rent and potential contractors regarding implementation
20 policies and practices for this section.

21 (e) COMPTROLLER GENERAL REPORT.—

22 (1) IN GENERAL.—Not later than 180 days
23 after the date of the enactment of this Act, the
24 Comptroller General of the United States shall sub-
25 mit to the Department of Defense and the congress-

1 sional defense committees a report on the health and
2 safety records of Department of Defense contrac-
3 tors.

4 (2) ELEMENTS.—The report required under
5 paragraph (1) shall include the following elements:

6 (A) A description of the Department of
7 Defense’s existing procedures to evaluate the
8 safety and health records of current and pro-
9 spective contractors.

10 (B) An evaluation of the Department’s ad-
11 herence to those procedures.

12 (C) An assessment of the current incidence
13 of health and safety violations by Department
14 contractors.

15 (D) An assessment of whether the Depart-
16 ment of Labor has the resources to investigate
17 and identify safety and health violations by De-
18 partment of Defense contractors.

19 (E) An assessment of whether the Depart-
20 ment of Labor should consider assuming an ex-
21 panded investigatory role or a targeted enforce-
22 ment program for ensuring the safety and
23 health of workers under Department of Defense
24 contracts.

25 (f) DEFINITIONS.—In this section:

1 (1) COVERED CONTRACT.—The term “covered
2 contract” means a Department of Defense contract
3 for the procurement of property or services, includ-
4 ing construction, valued in excess of \$1,000,000.

5 (2) COVERED SUBCONTRACTOR.—The term
6 “covered subcontractor” means a subcontractor list-
7 ed in the bid for a covered contract or known by the
8 Department of Defense to be a subcontractor of the
9 offeror.

10 **SEC. 831. DEPARTMENT OF DEFENSE PROMOTION OF CON-**
11 **TRACTOR COMPLIANCE WITH EXISTING LAW.**

12 It is the sense of Congress that—

13 (1) the Department of Defense should aim to
14 ensure that parties contracting with the Federal
15 Government abide by existing law, including worker
16 protection laws;

17 (2) worker protection laws, including chapter
18 43 of title 38, United States Code (commonly known
19 as the “Uniformed Services Employment and Reem-
20 ployment Rights Act of 1994” or “USERRA”) and
21 the Americans with Disabilities Act of 1990 (42
22 U.S.C. 12101 et seq.), were enacted to ensure equi-
23 table workplace practices;

24 (3) identifying and helping to improve the com-
25 pliance of contractors with worker protection viola-

1 tions will help avoid setbacks and delays stemming
2 from contracting with noncompliant contractors; and

3 (4) the Secretary of Defense has the authority
4 to ensure contractors' compliance with existing laws
5 and should establish a goal to work with responsible
6 contractors who are in compliance with worker pro-
7 tection laws.

8 **Subtitle C—Provisions Relating to**
9 **Major Defense Acquisition Pro-**
10 **grams**

11 **SEC. 835. REVISIONS TO DEFINITION OF MAJOR DEFENSE**
12 **ACQUISITION PROGRAM.**

13 Section 2430(a) of title 10, United States Code, is
14 amended—

15 (1) in paragraph (1)(B), by inserting “in the
16 case of a program that is not a program for the ac-
17 quisition of an automated information system (either
18 a product or a service),” after “(B)”; and

19 (2) in paragraph (2)—

20 (A) by striking “does not include an acqui-
21 sition program” and inserting the following:

22 “does not include—

23 “(A) an acquisition program”; and

24 (B) by striking the period at the end and
25 inserting the following: “; or

1 “(B) an acquisition program for a defense busi-
2 ness system (as defined in section 2222(i)(1) of this
3 title) carried out using the acquisition guidance
4 issued pursuant to section 883(e) of the National
5 Defense Authorization Act for Fiscal Year 2016
6 (Public Law 114–92; 10 U.S.C. 2223a note).”.

7 **SEC. 836. PROHIBITION ON USE OF LOWEST PRICE TECH-**
8 **NICALLY ACCEPTABLE SOURCE SELECTION**
9 **PROCESS FOR MAJOR DEFENSE ACQUISITION**
10 **PROGRAMS.**

11 (a) PROHIBITION.—

12 (1) IN GENERAL.—Chapter 144 of title 10,
13 United States Code, is amended by inserting after
14 section 2441 the following new section:

15 **“§ 2442. Prohibition on use of lowest price technically**
16 **acceptable source selection process**

17 “(a) IN GENERAL.—The Department of Defense
18 shall not use a lowest price technically acceptable source
19 selection process for the development contract of a major
20 defense acquisition program.

21 “(b) NOTIFICATION.—(1) The Secretary of Defense
22 shall submit to the congressional defense committees a no-
23 tification of the source selection process that the Depart-
24 ment of Defense plans to use for the development contract
25 of a major defense acquisition program.

1 “(2) The notification required under paragraph (1)
2 shall be submitted at the same time that the President
3 submits under section 1105 of title 31 the budget in which
4 budget authority is requested for the development contract
5 of a major defense acquisition program. If the Department
6 of Defense has not yet determined the source selection
7 process for the development contract at the time that
8 budget authority for the development contract is re-
9 quested, the Department of Defense shall submit the noti-
10 fication not later than 30 days before release of the re-
11 quest for proposals for the development contract.

12 “(c) DEFINITIONS.—In this section:

13 “(1) LOWEST PRICE TECHNICALLY ACCEPT-
14 ABLE SOURCE SELECTION PROCESS.—The term ‘low-
15 est price technically acceptable source selection proc-
16 ess’ has the meaning given that term in part 15 of
17 the Federal Acquisition Regulation.

18 “(2) MAJOR DEFENSE ACQUISITION PRO-
19 GRAM.—The term ‘major defense acquisition pro-
20 gram’ has the meaning given that term in section
21 2430 of this title.

22 “(3) DEVELOPMENT CONTRACT.—The term ‘de-
23 velopment contract’ means a prime contract for the
24 development of a major defense acquisition pro-
25 gram.”.

1 (2) CLERICAL AMENDMENT.—The table of sec-
 2 tions at the beginning of such chapter is amended
 3 by inserting after the item relating to section 2441
 4 the following new item:

“2442. Prohibition on use of lowest price technically acceptable source selection
 process.”.

5 (b) APPLICABILITY.—The requirements of section
 6 2442 of title 10, United States Code, as added by sub-
 7 section (a), shall apply to major defense acquisition pro-
 8 grams for which budgetary authority is requested for fiscal
 9 year 2019 or a subsequent fiscal year.

10 **Subtitle D—Provisions Related to** 11 **Acquisition Workforce**

12 **SEC. 841. TRAINING IN COMMERCIAL ITEMS PROCURE-** 13 **MENT.**

14 (a) TRAINING.—Not later than one year after the
 15 date of the enactment of this Act, the President of the
 16 Defense Acquisition University shall establish a com-
 17 prehensive training program on part 12 of the Federal Ac-
 18 quisition Regulation. The training shall cover, at a min-
 19 imum, the following topics:

20 (1) The origin of part 12 and the congressional
 21 mandate to prefer commercial procurements.

22 (2) The definition of a commercial item, with a
 23 particular focus on the “of a type” concept.

24 (3) Price analysis and negotiations.

1 (4) Market research and analysis.

2 (5) Independent cost estimates.

3 (6) Parametric estimating methods.

4 (7) Value analysis.

5 (8) Best practices in pricing from commercial
6 sector organizations, foreign government organiza-
7 tions, and other Federal, state, and local public sec-
8 tors organizations.

9 (9) Other topics on commercial procurements
10 necessary to ensure a well-educated acquisition
11 workforce.

12 (b) ENROLLMENTS GOALS.—The President of the
13 Defense Acquisition University shall set goals for student
14 enrollment for the comprehensive training program estab-
15 lished under subsection (a).

16 (c) SUPPORTING ACTIVITIES.—The Secretary of De-
17 fense shall establish, in support of the achievement of the
18 goals of this section—

19 (1) a university research program to engage
20 academic experts on research topics of interest to
21 improve commercial item identification and pricing
22 methodologies; and

23 (2) a set of exchange and interface opportuni-
24 ties between government personnel experts to in-

1 crease awareness of best practices and challenges in
2 commercial item identification and pricing.

3 (d) FUNDING.—The Secretary of Defense shall use
4 amounts available in the Department of Defense Acquisi-
5 tion Workforce Development Fund established under sec-
6 tion 1705 of title 10, United States Code, to fund the com-
7 prehensive training program established under subsection
8 (a).

9 **SEC. 842. MODIFICATION OF DEFINITION OF ACQUISITION**
10 **WORKFORCE TO INCLUDE PERSONNEL EN-**
11 **GAGED IN THE ACQUISITION OR DEVELOP-**
12 **MENT OF CYBERSECURITY SYSTEMS.**

13 Section 1705(h)(2)(A) of title 10, United States
14 Code, is amended—

15 (1) by inserting “(i)” after “(A)”;

16 (2) by striking “; and” and inserting “; or”;

17 and

18 (3) by adding at the end the following new
19 clause:

20 “(ii) are engaged in the acquisition or de-
21 velopment of systems relating to cybersecurity;
22 and”.

1 **SEC. 843. TRAINING AND SUPPORT FOR PROGRAMS PUR-**
2 **SUING AGILE ACQUISITION METHODS.**

3 (a) IN GENERAL.—Not later than 120 days after the
4 date of the enactment of this Act, the Secretary of De-
5 fense, in consultation with the President of the Defense
6 Acquisition University, shall establish an in-resident tar-
7 geted training course at the Defense Acquisition Univer-
8 sity on Agile Acquisition.

9 (b) COURSE COMPONENTS.—The course shall include
10 the following elements:

11 (1) Training designed to instill a common un-
12 derstanding of all functional roles and dependencies
13 involved in developing and producing a capability
14 using Agile processes.

15 (2) An exercise involving teams composed of
16 personnel from pertinent functions and functional
17 organizations engaged in developing an integrated
18 Agile Acquisition approach for a specific program.

19 (c) COURSE ATTENDANCE.—The course shall be—

20 (1) available for certified acquisition personnel
21 from all program offices using Agile Acquisition
22 methods; and

23 (2) mandatory for personnel from other rel-
24 evant organizations in each of the military services
25 and Defense Agencies, including organizations re-
26 sponsible for engineering, budgeting, contracting,

1 test and evaluation, requirements validation, and
2 certification and accreditation, that support those
3 program offices.

4 (d) AGILE ACQUISITION COACH.—

5 (1) IN GENERAL.—The Secretary and the sen-
6 ior acquisition executives in each of the military
7 services and Defense Agencies, in coordination with
8 the Director of the Defense Digital Service, shall en-
9 sure that program offices pursuing Agile Acquisition
10 methods have access to an Agile Acquisition coach.

11 (2) EXPERTISE.—The Agile Acquisition coach
12 shall possess expertise in—

13 (A) commercial Agile Acquisition methods;

14 and

15 (B) the acquisition system and processes of
16 the Department of Defense.

17 (3) DUTIES.—The Agile Acquisition coach
18 shall—

19 (A) assist program offices, supporting
20 stakeholder organizations, and personnel in
21 properly applying Agile Acquisition methods;
22 and

23 (B) notify the appropriate acquisition au-
24 thorities if programs are deviating from best
25 practices or are not receiving appropriate sup-

1 port from stakeholder organizations, in a man-
2 ner or to a degree that threatens the success of
3 the program.

4 (e) AGILE ACQUISITION RESEARCH PROGRAM.—The
5 President of the Defense Acquisition University shall es-
6 tablish a research program to conduct research on and de-
7 velopment of Agile Acquisition practices and tools best tai-
8 lored to meet the mission needs of the Department of De-
9 fense.

10 (f) DEFINITIONS.—In this section the term “Agile
11 Acquisition”—

12 (1) means acquisition pursuant to a method-
13 ology for delivering multiple, rapid, incremental ca-
14 pabilities to the user for operational use, evaluation,
15 and feedback; and

16 (2) involves—

17 (A) the incremental development and field-
18 ing of capabilities, commonly called “spirals”,
19 “spins”, or “sprints”, which can be measured
20 in a few weeks or months; and

21 (B) continuous participation and collabora-
22 tion by users, testers, and requirements au-
23 thorities.

1 **SEC. 844. CREDITS TO DEPARTMENT OF DEFENSE ACQUISITION WORKFORCE DEVELOPMENT FUND.**
2

3 Section 1705(d)(2)(D) of title 10, United States
4 Code, is amended to read as follows:

5 “(D) The Secretary of Defense may adjust the
6 amount specified in subparagraph (C) for a fiscal
7 year if the Secretary determines that the amount is
8 greater or less than reasonably needed for purposes
9 of the Fund for such fiscal year. The Secretary may
10 not adjust the amount for a fiscal year to an amount
11 that is more than \$600,000,000 or less than
12 \$400,000,000.”.

13 **Subtitle E—Provisions Related to**
14 **Commercial Items**

15 **SEC. 851. MODIFICATION TO DEFINITION OF COMMERCIAL**
16 **ITEMS.**

17 Section 2376 of title 10, United States Code, is
18 amended—

19 (1) in paragraph (1), by striking “‘commercial
20 item’,”; and

21 (2) by adding at the end the following new
22 paragraph:

23 “(4) The term ‘commercial item’ has the mean-
24 ing given the term in section 103 of title 41, except
25 that it does not include an item referred to in para-
26 graph (3)(B) of such section if, after the minor

1 modifications made to meet Federal Government re-
2 quirements referred to in such paragraph, the item
3 includes a preponderance of government-unique
4 functions or essential characteristics.”.

5 **SEC. 852. REVISION TO DEFINITION OF COMMERCIAL ITEM.**

6 Section 103(8) of title 41, United States Code, is
7 amended by striking “to multiple State and local govern-
8 ments” and inserting “to multiple State, local, or foreign
9 governments”.

10 **SEC. 853. COMMERCIAL ITEM DETERMINATIONS.**

11 Section 2380 of title 10, United States Code, is
12 amended—

13 (1) by striking “The Secretary” and inserting
14 “(a) IN GENERAL.—The Secretary”; and

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

17 “(b) ITEMS PREVIOUSLY ACQUIRED USING COMMER-
18 CIAL ITEM ACQUISITION PROCEDURES.—

19 “(1) DETERMINATIONS.—A contract or sub-
20 contract for an item using commercial item acquisi-
21 tion procedures under part 12 of the Federal Acqui-
22 sition Regulation shall serve as a prior commercial
23 item determination with respect to such item for
24 purposes of this chapter unless the Secretary of De-
25 fense determines in writing that it is no longer cost-

1 effective to procure the item using commercial item
2 acquisition procedures.

3 “(2) LIMITATION.—(A) Except as provided
4 under subparagraph (B), funds appropriated or oth-
5 erwise made available to the Department of Defense
6 may not be used for the procurement under part 15
7 of the Federal Acquisition Regulation of an item
8 that was previously acquired using commercial item
9 acquisition procedures under part 12 of the Federal
10 Acquisition Regulation.

11 “(B) The limitation under subparagraph (A)
12 does not apply to the procurement of an item that
13 was previously acquired using commercial item ac-
14 quisition procedures under part 12 of the Federal
15 Acquisition Regulation following—

16 “(i) a written determination by the head of
17 contracting activity pursuant to section
18 2306a(b)(4)(B) of this title that the use of such
19 procedures was improper; or

20 “(ii) a written determination by the Sec-
21 retary of Defense that it is no longer cost-effec-
22 tive to procure the item using such proce-
23 dures.”.

1 **SEC. 854. PREFERENCE FOR ACQUISITION OF COMMERCIAL**
2 **ITEMS.**

3 Section 2377(b) of title 10, United States Code, is
4 amended—

5 (1) by redesignating paragraphs (1) through
6 (6) as subparagraphs (A) through (F), respectively,
7 and moving such subparagraphs, as so redesignated,
8 two ems to the right;

9 (2) by striking “The head” and inserting “(1)
10 The head”; and

11 (3) by adding at the end the following new
12 paragraph:

13 “(2) The preference for the acquisition of commercial
14 items and nondevelopmental items under this section shall
15 take priority over any small business set-aside program,
16 and shall require, to the maximum extent practicable, the
17 acquisition of commercial items or nondevelopmental items
18 other than commercial items in accordance with the terms
19 of this section. If the requirements of an agency with re-
20 spect to a procurement of supplies or services can be met
21 with commercial items or nondevelopmental items other
22 than commercial items provided by a small business con-
23 cern, the small business concern may be awarded the con-
24 tract in accordance with the requirements of a set-aside
25 program.”.

1 **SEC. 855. INAPPLICABLE LAWS AND REGULATIONS.**

2 (a) REVIEW OF DETERMINATIONS NOT TO EXEMPT
3 DEPARTMENT OF DEFENSE CONTRACTS FOR COMMER-
4 CIAL ITEMS AND COMMERCIALY AVAILABLE OFF-THE-
5 SHELF ITEMS FROM CERTAIN LAWS AND REGULA-
6 TIONS.—Not later than 180 days after the date of the en-
7 actment of this Act, the Secretary of Defense shall—

8 (1) review each determination of the Federal
9 Acquisition Regulatory Council pursuant to section
10 1906(b)(2), section 1906(c)(3), or section
11 1907(a)(2) of title 41, United States Code, not to
12 exempt contracts and subcontracts described in sub-
13 section (a) of section 2375 of title 10, United States
14 Code, from laws such contracts and subcontracts
15 would otherwise be exempt from under section
16 1906(d) of title 41, United States Code; and

17 (2) revise the Department of Defense Supple-
18 ment to the Federal Acquisition Regulation to pro-
19 vide an exemption from each law subject to such de-
20 termination unless the Secretary determines there is
21 a specific reason not to provide the exemption.

22 (b) ELIMINATION OF CERTAIN CONTRACT CLAUSE
23 REQUIREMENTS APPLICABLE TO COMMERCIAL ITEM
24 CONTRACTS.—Not later than 180 days after the date of
25 the enactment of this Act, the Secretary of Defense shall
26 revise the Department of Defense Supplement to the Fed-

1 eral Acquisition Regulation to eliminate all regulations
2 promulgated after the date of the enactment of the Fed-
3 eral Acquisition Streamlining Act of 1994 (Public Law
4 103–355) that require a specific contract clause for a con-
5 tract using commercial item acquisition procedures under
6 part 12 of the Federal Acquisition Regulation, except for
7 regulations required by law or that the Secretary deter-
8 mines are vital to national security.

9 (c) ELIMINATION OF CERTAIN CONTRACT CLAUSE
10 REQUIREMENTS APPLICABLE TO COMMERCIALY AVAIL-
11 ABLE OFF-THE-SHELF ITEM SUBCONTRACTS.—Not later
12 than 180 days after the date of the enactment of this Act,
13 the Secretary of Defense shall revise the Department of
14 Defense Supplement to the Federal Acquisition Regula-
15 tion to eliminate all requirements for a prime contractor
16 to include a specific contract clause in a subcontract for
17 commercially available off-the-shelf items unless the inclu-
18 sion of such clause is required by law or is necessary for
19 the contractor to meet the requirements of the prime con-
20 tract.

1 **Subtitle F—Industrial Base Matters**

2 **SEC. 861. REVIEW REGARDING APPLICABILITY OF FOREIGN** 3 **OWNERSHIP, CONTROL, OR INFLUENCE RE-** 4 **QUIREMENTS OF NATIONAL SECURITY IN-** 5 **DUSTRIAL PROGRAM TO NATIONAL TECH-** 6 **NOLOGY AND INDUSTRIAL BASE COMPANIES.**

7 (a) REVIEW.—The Secretary of Defense, with the
8 concurrence of the Secretary of State, shall review whether
9 companies whose ownership or majority control is based
10 in countries that are part of the national technology and
11 industrial base should be exempted from the foreign own-
12 ership, control, or influence (FOCI) requirements of the
13 National Security Industrial Program.

14 (b) AUTHORITY.—

15 (1) IN GENERAL.—The Secretary of Defense
16 may establish a program to carry out the exemption
17 process described under subsection (a). Under the
18 program, the Secretary, with the concurrence of the
19 Secretary of State, shall maintain a list of compa-
20 nies owned or controlled by countries that are part
21 of the national technology and industrial base that
22 are eligible for exemption from the requirements de-
23 scribed under such subsection.

24 (2) DETERMINATIONS OF ELIGIBILITY.—The
25 Secretary of Defense, with the concurrence of the

1 Secretary of State, may designate a company under
2 paragraph (1) as exempt from the requirements de-
3 scribed under subsection (a) upon a determination
4 that such exemption—

5 (A) is beneficial to improving collaboration
6 within countries participating in the national
7 technology and industrial base;

8 (B) is in the United States national secu-
9 rity interest; and

10 (C) will not result in a greater risk of the
11 disclosure of classified or sensitive information
12 consistent with the National Security Industrial
13 Program.

14 (3) EXERCISE OF AUTHORITY.—The authority
15 under paragraph (1) to exempt a listed company
16 from the requirements described under subsection
17 (a) may be exercised beginning on the date that is
18 the later of—

19 (A) the date that is 60 days after the Sec-
20 retary of Defense, in consultation with the Sec-
21 retary of State, submits to the congressional de-
22 fense committees a report summarizing the re-
23 view conducted under such subsection; and

24 (B) the date that is 30 days after the Sec-
25 retary of Defense, in consultation with the Sec-

1 retary of State, submits to the congressional de-
2 fense committees a written notification of a de-
3 termination under paragraph (2) to exempt the
4 company from such requirements, including a
5 discussion of the issues related to the foreign
6 ownership or control of the company that were
7 considered as part of the determination.

8 (c) NATIONAL TECHNOLOGY AND INDUSTRIAL BASE
9 DEFINED.—In this section, the term “national technology
10 and industrial base” has the meaning given the term in
11 section 2500 of title 10, United States Code.

12 **SEC. 862. PILOT PROGRAM ON STRENGTHENING MANUFAC-**
13 **TURING IN DEFENSE INDUSTRIAL BASE.**

14 (a) PILOT PROGRAM REQUIRED.—The Secretary of
15 Defense shall carry out a pilot program to assess the feasi-
16 bility and advisability of increasing the capability of the
17 defense industrial base to support—

18 (1) production needs to meet military require-
19 ments; and

20 (2) manufacturing and production of emerging
21 defense and commercial technologies of military
22 value.

23 (b) AUTHORITIES.—The Secretary shall carry out the
24 pilot program under the following:

1 (1) The Defense Production Act of 1950 (50
2 U.S.C. 4501 et seq.).

3 (2) Chapters 137 and 139 and sections 2371,
4 2371b, and 2373 of title 10, United States Code.

5 (3) Such other legal authorities as the Sec-
6 retary considers applicable to carrying out the pilot
7 program.

8 (c) ACTIVITIES.—Activities under the pilot program
9 may include the following:

10 (1) Use of contracts, grants, or other trans-
11 action authorities to support manufacturing and
12 production capabilities in small and medium sized
13 manufacturers.

14 (2) Purchases of quantities of goods or equip-
15 ment for testing and qualification purposes.

16 (3) Purchase commitments to create incentives
17 for industry to develop manufacturing and produc-
18 tion capabilities of interest to national security, in-
19 cluding cost sharing with funding from nongovern-
20 mental sources.

21 (4) Issuing loans directly to small and medium
22 sized enterprises to support manufacturing and pro-
23 duction capabilities.

24 (5) Guaranteeing loans to enable small and me-
25 dium sized manufacturers to obtain private sector

1 loans to support manufacturing and production ca-
2 pabilities in areas of national security interest.

3 (6) Giving awards to third party entities to sup-
4 port investments in small and medium sized manu-
5 facturers working in areas of national security inter-
6 est, including activities to support debt and equity
7 investments that would benefit missions of the De-
8 partment of Defense.

9 (7) Such other activities as the Secretary deter-
10 mines necessary.

11 (d) TERMINATION.—The pilot program shall termi-
12 nate on the date that is five years after the date of the
13 enactment of this Act.

14 **SEC. 863. SUNSET OF CERTAIN PROVISIONS RELATING TO**
15 **THE INDUSTRIAL BASE.**

16 (a) MISCELLANEOUS LIMITATIONS ON THE PRO-
17 CUREMENT OF GOODS OTHER THAN UNITED STATES
18 GOODS.—Section 2534 of title 10, United States Code,
19 is amended by adding at the end the following new sub-
20 section:

21 “(k) SUNSET ON CERTAIN RESTRICTIONS.—The re-
22 striction under subsection (a) relative to the procurement
23 of the items set forth in paragraphs (1) through (4) of
24 such subsection shall terminate on the close of September
25 30, 2018.”.

1 (b) PHOTOVOLTAIC DEVICES.—Section 858 of the
2 Carl Levin and Howard P. “Buck” McKeon National De-
3 fense Authorization Act for Fiscal Year 2015 (Public Law
4 113–291; 10 U.S.C. 2534 note) is amended by adding at
5 the end the following new subsection:

6 “(c) SUNSET.—This section shall terminate on the
7 close of September 30, 2018.”.

8 **Subtitle G—International**

9 **Contracting Matters**

10 **SEC. 865. PROCUREMENT EXCEPTION RELATING TO** 11 **AGREEMENTS WITH FOREIGN GOVERN-** 12 **MENTS.**

13 Section 2533a of title 10, United States Code, is
14 amended—

15 (1) in subsection (a), by striking “subsections
16 (c) through (h)” and inserting “subsections (c)
17 through (i)”;

18 (2) by redesignating subsections (i), (j), and (k)
19 as subsections (j), (k), and (l), respectively; and

20 (3) by inserting after subsection (h) the fol-
21 lowing new subsection:

22 “(i) EXCEPTION RELATING TO AGREEMENTS WITH
23 FOREIGN GOVERNMENTS.—Subsection (a) does not pre-
24 clude the acquisition of items described in subsection (b)
25 as part of a weapon system if the acquisition is necessary

1 in furtherance of an agreement with a foreign government
2 in which both governments agree to remove barriers to
3 purchases of supplies produced in the other country or
4 services performed by sources of the other country.”.

5 **SEC. 866. APPLICABILITY OF COST AND PRICING DATA CER-**
6 **TIFICATION REQUIREMENTS.**

7 Section 2306a(b)(1) of title 10, United States Code,
8 is amended—

9 (1) in subparagraph (C), by striking “; or” and
10 inserting a semicolon;

11 (2) in subparagraph (D)(ii), by striking the pe-
12 riod at the end and inserting “; or”; and

13 (3) by adding at the end the following new sub-
14 paragraph:

15 “(E) for a foreign military sale where
16 there is already an existing Government con-
17 tract—

18 “(i) for the same or similar item or
19 service; and

20 “(ii) for which the Government has
21 current cost and pricing data and insights
22 into the reasonableness of price.”.

23 **SEC. 867. ENHANCING PROGRAM LICENSING.**

24 (a) IN GENERAL.—Not later than September 30,
25 2019, the Secretary of Defense, with the concurrence of

1 the Secretary of State, shall establish a structure for im-
2 plementing a revised program export licensing framework
3 intended to provide comprehensive export licensing au-
4 thorization to support large international cooperative de-
5 fense programs between multiple nations and determine
6 what, if any, regulatory authorities require modification.

7 (b) SUSTAINMENT.—The licensing framework estab-
8 lished under subsection (a) shall require a program license
9 for the future sustainment of all international cooperative
10 defense programs comprised of more than five nations.
11 The program license shall be finalized prior to the
12 sustainment phase of that program’s acquisition lifecycle.

13 **Subtitle H—Other Transactions**

14 **SEC. 871. OTHER TRANSACTION AUTHORITY.**

15 (a) EXPANDED AUTHORITY FOR PROTOTYPE
16 PROJECTS.—Subsection (a) of section 2371b of title 10,
17 United States Code, is amended—

18 (1) by striking “(1) Subject” and inserting
19 “Subject”; and

20 (2) by striking paragraphs (2) and (3).

21 (b) MODIFICATION OF COST SHARING REQUIREMENT
22 FOR USE OF OTHER TRANSACTION AUTHORITY.—Sub-
23 section (d)(1) of such section is amended by striking sub-
24 paragraph (C) and inserting the following new subpara-
25 graph:

1 “(C) At least one third of the total cost of the
2 prototype project is to be paid out of funds provided
3 by sources other than the Federal Government.”.

4 (c) USE OF OTHER TRANSACTION AUTHORITY FOR
5 ONGOING PROTOTYPE PROJECTS.—Subsection (f)(1) of
6 such section is amended by adding at the end the fol-
7 lowing: “A transaction includes all individual prototype
8 sub-projects awarded under the transaction to a consor-
9 tium of United States industry and academic institu-
10 tions.”.

11 **SEC. 872. EDUCATION AND TRAINING FOR TRANSACTIONS**
12 **OTHER THAN CONTRACTS AND GRANTS.**

13 Section 2371 of title 10, United States Code, is
14 amended—

15 (1) by redesignating subsection (g) as sub-
16 section (h); and

17 (2) by inserting after subsection (f) the fol-
18 lowing new subsection:

19 “(g) EDUCATION AND TRAINING.—The Secretary of
20 Defense shall ensure that management, technical, and
21 contracting personnel of the Department involved in the
22 award and administration of transactions under this sec-
23 tion or other innovative forms of contracting are afforded
24 adequate education and training.”.

1 **SEC. 873. PREFERENCE FOR USE OF OTHER TRANSACTIONS**
2 **AND EXPERIMENTAL AUTHORITY.**

3 In the execution of science and technology and proto-
4 typing programs, the Secretary of Defense shall establish
5 a preference for using transactions other than contracts,
6 cooperative agreements, and grants entered into pursuant
7 to sections 2371 and 2371b of title 10, United States
8 Code, and authority for procurement for experimental pur-
9 poses pursuant to section 2373 of title 10, United States
10 Code.

11 **SEC. 874. METHODS FOR ENTERING INTO RESEARCH**
12 **AGREEMENTS.**

13 Section 2358(b) of title 10, United States Code, is
14 amended—

15 (1) in paragraph (3), by striking “or”;

16 (2) in paragraph (4), by striking the period at
17 the end and inserting a semicolon; and

18 (3) by adding at the end the following new
19 paragraphs:

20 “(5) by transactions other than contracts, coop-
21 erative agreements, and grants entered into pursu-
22 ant to sections 2371 and 2371b of this title; or

23 “(6) by procurement for experimental purposes
24 pursuant to section 2373 of this title.”.

1 **Subtitle I—Development and Ac-**
2 **quisition of Software Intensive**
3 **and Digital Products and Serv-**
4 **ices**

5 **SEC. 881. RIGHTS IN TECHNICAL DATA.**

6 (a) MODIFICATION OF DEFINITION OF TECHNICAL
7 DATA.—Paragraph (4) of section 2302 of title 10, United
8 States Code, is amended to read as follows:

9 “(4) The term ‘technical data’—

10 “(A) means recorded information (regard-
11 less of the form or method of the recording) of
12 a scientific or technical nature relating to sup-
13 plies procured by an agency;

14 “(B) with respect to software, includes ev-
15 erything required to reproduce, build/recompile,
16 test, and deploy working system binaries on
17 system hardware, including all source code, re-
18 vision histories, build scripts, build/compilation/
19 modification instructions/procedures, docu-
20 mentation, test cases, expected test results,
21 compilers, interpreters, test harnesses, special-
22 ized build and test hardware, connectors, ca-
23 bles, and library dependencies; and

24 “(C) does not include computer software
25 incidental to contract administration or finan-

1 cial, administrative, cost or pricing, or manage-
2 ment data or other information incidental to
3 contract administration.”.

4 (b) RIGHTS IN TECHNICAL DATA.—Section
5 2320(a)(2) of title 10, United States Code, is amended
6 by adding at the end the following new subparagraph:

7 “(J) The Secretary of Defense shall require the
8 following with respect to software delivery:

9 “(i) Software shall be delivered in native
10 electronic format.

11 “(ii) Builds must not be dependent upon
12 pre-defined build directories.

13 “(iii) In the case of licensing restrictions
14 that do not allow library dependency inclusion,
15 verified accessible repositories and revision his-
16 tory shall be documented and included.

17 “(iv) Commercial Off-The Shelf/Non-De-
18 velopment Item (COTS/NDI) shall be delivered
19 on original Licensed Media. If firmware is part
20 of the delivery, then a Firmware Support Man-
21 ual should be included as an Appendix.”.

22 **SEC. 882. DEFENSE INNOVATION BOARD ANALYSIS OF**
23 **SOFTWARE ACQUISITION REGULATIONS.**

24 (a) STUDY.—

1 (1) IN GENERAL.—Not later than 30 days after
2 the date of the enactment of this Act, the Secretary
3 of Defense shall task the Defense Innovation Board
4 to undertake a study on streamlining software devel-
5 opment and acquisition regulations.

6 (2) MEMBER PARTICIPATION.—The Chairman
7 of the Defense Innovation Board shall select appro-
8 priate members from the membership of the Board
9 to participate in this study, and may recommend ad-
10 ditional temporary members or contracted support
11 personnel to the Secretary of Defense for the pur-
12 poses of this study. In considering additional ap-
13 pointments to the study, the Secretary of Defense
14 shall ensure that members have significant technical,
15 legislative, or regulatory expertise and reflect diverse
16 experiences in the public and private sector.

17 (3) SCOPE.—The study conducted pursuant to
18 paragraph (1) shall—

19 (A) review the acquisition regulations ap-
20 plicable to the Department of Defense with a
21 view toward streamlining and improving the ef-
22 ficiency and effectiveness of software acquisition
23 in order to maintain defense technology advan-
24 tage;

1 (B) produce specific and detailed rec-
2 ommendations for any legislation, including the
3 amendment or repeal of regulations, that the
4 members of the Board conducting the study de-
5 termine necessary to—

6 (i) streamline development and pro-
7 curement of software;

8 (ii) adopt best practices from the pri-
9 vate sector applicable to government use;

10 (iii) promote rapid adoption of new
11 technology;

12 (iv) ensure continuing financial and
13 ethical integrity in procurement; and

14 (v) protect the best interests of the
15 Department of Defense; and

16 (C) produce such additional recommenda-
17 tions for legislation as such members consider
18 appropriate.

19 (4) CONSULTATION ON MAJOR PROGRAM RE-
20 ALIGNMENT.—The Secretary of Defense shall con-
21 sult with the Defense Innovation Board in con-
22 ducting activities under the major program realign-
23 ment pilot program established pursuant to section
24 873. The Secretary shall provide the Board with
25 timely access to all information necessary for the

1 Board to provide such consultation and report on
2 the major program realignment.

3 (5) ACCESS TO INFORMATION.—The Secretary
4 of Defense shall provide the Defense Innovation
5 Board with timely access to appropriate information,
6 data, resources, and analysis so that the Board may
7 conduct a thorough and independent analysis as re-
8 quired under this subsection.

9 (b) REPORTS.—

10 (1) INTERIM REPORTS.—Not later than 150
11 days after the date of the enactment of this Act, the
12 Secretary of Defense shall submit a report to or
13 brief the congressional defense committees on the in-
14 terim findings of the study conducted pursuant to
15 subsection (a). The Defense Innovation Board shall
16 provide regular updates to the Secretary of Defense
17 and the congressional defense committees for pur-
18 poses of providing the interim report

19 (2) FINAL REPORT.—Not later than one year
20 after the Secretary of Defense tasks the Defense Ad-
21 visory Board to conduct the study, the Board shall
22 transmit a final report of the study to the Secretary.
23 Not later than 30 days after receiving the final re-
24 port, the Secretary of Defense shall transmit the
25 final report, together with such comments as the

1 Secretary determines appropriate, to the congres-
2 sional defense committees.

3 **SEC. 883. PILOT TO TAILOR SOFTWARE-INTENSIVE MAJOR**
4 **PROGRAMS TO USE AGILE METHODS.**

5 (a) IN GENERAL.—Not later than 30 days after the
6 date of the enactment of this Act, the Secretary of De-
7 fense, in consultation with the Secretaries and Chiefs of
8 the military services, shall identify one major program per
9 service and one defense-wide program for tailoring into
10 smaller increments. The programs shall be selected from
11 among those designated as major defense acquisition pro-
12 grams and those formerly designated as major automated
13 information systems (excluding defense business systems).

14 (b) PROGRAM SELECTION CRITERIA.—In identifying
15 candidate programs, the Secretary shall prioritize pro-
16 grams that—

17 (1) are software intensive;

18 (2) have identified software development as a
19 risk;

20 (3) have experienced cost growth and schedule
21 delay; and

22 (4) did not deliver any operational capability
23 within the prior calendar year.

24 (c) REALIGNMENT PLAN.—The Secretary of Defense
25 shall finalize a realignment plan within 60 days of pro-

1 grams being identified under subsection (a) that provides
2 for the realigned program increments having a cost below
3 the cost threshold for designation as a major acquisition.

4 (d) REALIGNMENT EXECUTION.—Each realigned
5 program increment shall—

6 (1) be designed to deliver a meaningfully useful
7 capability within the first 180 days following realign-
8 ment;

9 (2) be designed to deliver subsequent meaning-
10 fully useful capabilities on timeframes of less than
11 180 days;

12 (3) incorporate cross-functional teams focused
13 on software production that prioritize user needs
14 and control of total cost of ownership;

15 (4) be staffed with highly qualified technically
16 trained staff and personnel with management and
17 business process expertise in leadership positions to
18 support requirements modification, acquisition strat-
19 egy, and program decisionmaking;

20 (5) ensure that realigned acquisition strategies
21 are broad enough to allow offerors to propose a serv-
22 ice, system, modified business practice, configuration
23 of personnel, or combination thereof as a solution;

24 (6) include periodic engagement with the user
25 community, as well as representation by the user

1 community in program management and software
2 production activity;

3 (7) ensure realigned acquisition strategies favor
4 outcomes-based requirements definition and capa-
5 bility as a service, including the establishment of
6 technical evaluation criteria as outcomes to be used
7 to drive service-level agreements with vendors; and

8 (8) consider options for termination of the rela-
9 tionship with any vendor unable or unwilling to offer
10 terms that meet the requirements of this section.

11 (e) CONSULTATION.—In conducting the program se-
12 lection and tailoring under this section, the Secretary
13 shall—

14 (1) use the tools, resources, and expertise of
15 digital and innovation organizations resident in the
16 Department, such as the Defense Innovation Board,
17 the Defense Innovation Unit Experimental, the De-
18 fense Science Board, the Defense Digital Services,
19 federally funded research and development centers,
20 research laboratories, and other technical, manage-
21 ment, and acquisition experts;

22 (2) use the digital development and acquisition
23 expertise of the General Services Administration's
24 Technology Transition Service, Office of 18F; and

1 (3) leverage the science, technology, and innova-
2 tion activities established pursuant to section 217 of
3 the National Defense Authorization Act for Fiscal
4 Year 2016 (Public Law 114–92; 10 U.S.C. 2445a
5 note).

6 (f) AGILE ACQUISITION DEFINED.—In this section,
7 the term “agile acquisition”—

8 (1) means acquisition pursuant to a method-
9 ology for delivering multiple, rapid, incremental ca-
10 pabilities to the user for operational use, evaluation,
11 and feedback; and

12 (2) involves—

13 (A) the incremental development and field-
14 ing of capabilities, commonly called “spirals”,
15 “spins”, or “sprints”, which can be measured
16 in a few weeks or months; and

17 (B) continuous participation and collabora-
18 tion by users, testers, and requirements au-
19 thorities.

20 **SEC. 884. REVIEW AND REALIGNMENT OF DEFENSE BUSI-**
21 **NESS SYSTEMS TO EMPHASIZE AGILE METH-**
22 **ODS.**

23 (a) IN GENERAL.—Not later than 30 days after the
24 date of the enactment of this Act, the Secretary of De-
25 fense, in consultation with the Chief Information Officers

1 and Chief Management Officers of the military services,
2 shall conduct a comprehensive assessment of investments
3 in defense business systems and prioritize no fewer than
4 four and up to eight such systems for realignment and
5 restructuring into smaller increments and the incorpora-
6 tion of agile acquisition methods.

7 (b) PROGRAM ASSESSMENT ELEMENTS.—The as-
8 sessment under subsection (a) shall include the following:

9 (1) A comparison of investments in business
10 systems across the Department of Defense within
11 each business system portfolio category, such as per-
12 sonnel and pay systems, accounting and financial
13 systems, and contracting and procurement systems.

14 (2) Identification of opportunities to rationalize
15 requirements across investments within a business
16 system portfolio.

17 (3) Identification of programs within business
18 system portfolio categories that are most closely fol-
19 lowing the best acquisition practices for software in-
20 tensive systems.

21 (c) PROGRAM REALIGNMENT SELECTION CRI-
22 TERIA.—In identifying programs for potential realign-
23 ment, the Secretary of Defense shall prioritize programs
24 that—

1 (1) did not deliver any operational capability
2 within the prior calendar year;

3 (2) have experienced cost growth and schedule
4 delay; and

5 (3) have similar user requirements to a better
6 performing program within the same business sys-
7 tem portfolio category.

8 (d) REALIGNMENT PLAN.—The Secretary of Defense
9 shall finalize a realignment plan within 60 days of pro-
10 grams being identified under subsection (c).

11 (e) REALIGNMENT EXECUTION.—Each realigned
12 program increment shall—

13 (1) be designed to deliver a meaningfully useful
14 capability within the first 180 days following realign-
15 ment;

16 (2) be designed to deliver subsequent meaning-
17 fully useful capabilities on timeframes of less than
18 180 days;

19 (3) incorporate cross-functional teams focused
20 on software production that prioritize user needs
21 and control of total cost of ownership;

22 (4) be staffed with highly qualified technically
23 trained staff and personnel with management and
24 business process expertise in leadership positions to

1 support requirements modification, acquisition strat-
2 egy, and program decision making;

3 (5) ensure that realigned acquisition strategies
4 are broad enough to allow offerors to propose a serv-
5 ice, system, modified business practice, configuration
6 of personnel, or combination thereof as a solution;

7 (6) include periodic engagement with the user
8 community as well as representation by the user
9 community in program management and software
10 production activity;

11 (7) ensure realigned acquisition strategies favor
12 outcomes-based requirements definition and capa-
13 bility as a service, including the establishment of
14 technical evaluation criteria as outcomes to be used
15 to drive service-level-agreements with vendors; and

16 (8) consider options for termination of the rela-
17 tionship with any vendor unable or unwilling to offer
18 terms that meet the requirements of this section.

19 (f) CONSULTATION.—In conducting the program se-
20 lection and realignments under this section, the Secretary
21 shall—

22 (1) use the tools, resources, and expertise of
23 digital and innovation organizations resident in the
24 Department, such as the Defense Innovation Board,
25 the Defense Innovation Unit Experimental, the De-

1 fense Science Board, the Defense Business Board,
2 the Defense Digital Services, federally funded re-
3 search and development centers, research labora-
4 tories, and other technical, management, and acqui-
5 sition experts;

6 (2) use the digital development and acquisition
7 expertise of the General Services Administration’s
8 Technology Transition Service, Office of 18F; and

9 (3) leverage the science, technology, and innova-
10 tion activities established pursuant to section 217 of
11 the National Defense Authorization Act for Fiscal
12 Year 2016 (Public Law 114–92; 10 U.S.C. 2445a
13 note).

14 (g) AGILE ACQUISITION DEFINED.—In this section,
15 the term “agile acquisition”—

16 (1) means acquisition pursuant to a method-
17 ology for delivering multiple, rapid, incremental ca-
18 pabilities to the user for operational use, evaluation,
19 and feedback; and

20 (2) involves—

21 (A) the incremental development and field-
22 ing of capabilities, commonly called “spirals”,
23 “spins”, or “sprints”, which can be measured
24 in a few weeks or months; and

1 (B) continuous participation and collabora-
2 tion by users, testers, and requirements au-
3 thorities.

4 **SEC. 885. SOFTWARE DEVELOPMENT PILOT USING AGILE**
5 **BEST PRACTICES.**

6 (a) IN GENERAL.—Not later than 30 days after the
7 date of the enactment of this Act, the Secretary of Defense
8 shall identify no fewer than four and up to eight software
9 development activities within the Department of Defense
10 or military departments to be developed using modern
11 agile acquisition methods.

12 (b) STREAMLINED PROCESSES.—Software develop-
13 ment activities identified under subsection (a) shall be de-
14 veloped without incorporation of the following contract or
15 transaction requirements:

16 (1) Earned Value Management (EVM) or
17 EVM-like reporting.

18 (2) Development of Integrated Master Sched-
19 ule.

20 (3) Development of Integrated Master Plan.

21 (4) Development of Technical Requirement
22 Document.

23 (5) Development of Systems Requirement Doc-
24 uments.

1 (6) Use of Information Technology Infrastruc-
2 ture Library agreements.

3 (7) Use of Software Development Life Cycle
4 (methodology).

5 (c) ROLES AND RESPONSIBILITIES.—

6 (1) IN GENERAL.—Selected activities shall in-
7 clude the following roles and responsibilities:

8 (A) A program manager that is empowered
9 to make all programmatic decisions within the
10 overarching activity objectives, including re-
11 sources, funding, personnel, and contract or
12 transaction termination recommendations.

13 (B) A product owner that reports directly
14 to the program manager and is responsible for
15 the overall design of the product, prioritization
16 of roadmap elements and interpretation of their
17 acceptance criteria, and prioritization of the list
18 of all features desired in the product.

19 (C) An engineering lead that reports di-
20 rectly to the program manager and is respon-
21 sible for the implementation and operation of
22 the software.

23 (D) A design lead that reports directly to
24 the program manager and is responsible for
25 identifying, communicating, and visualizing user

1 needs through a human centered design proc-
2 ess.

3 (2) QUALIFICATIONS.—The Secretary shall es-
4 tablish qualifications for personnel filling these posi-
5 tions prior to their selection. The qualifications may
6 not include a positive education requirement and
7 must be based on technical expertise or experience
8 in delivery of software products, to include agile con-
9 cepts.

10 (3) COORDINATION PLAN FOR TESTING AND
11 CERTIFICATION ORGANIZATIONS.—The program
12 manager shall ensure resources for test and certifi-
13 cation organizations support of iterative development
14 processes.

15 (d) PLAN.—The Secretary of Defense or designee
16 shall develop a plan for each selected activity under the
17 pilot to include the following elements:

18 (1) Definition of a product vision, identifying a
19 succinct, clearly defined need the software will ad-
20 dress.

21 (2) Definition of a product road map, outlining
22 a noncontractual plan that identifies short-term and
23 long-term product goals and specific technology solu-
24 tions to help meet those goals and adjusts to mission
25 and user needs at the product owner's discretion.

1 (3) The use of a Broad Agency Announcement,
2 Other Transaction Authority, or other rapid merit-
3 based solicitation procedure.

4 (4) Identification of, and continuous engage-
5 ment with, end users.

6 (5) Frequent and iterative end user validation
7 of features and usability consistent with the prin-
8 ciples outlined in the Digital Services Playbook.

9 (6) Use of commercial best practices for ad-
10 vanced computing systems, including, where applica-
11 ble—

12 (A) Automated Testing, Integration, and
13 Deployment;

14 (B) compliance with applicable commercial
15 accessibility standards;

16 (C) capability to support modern versions
17 of multiple, common web browsers;

18 (D) capability to be viewable across com-
19 monly used end user devices, including mobile
20 devices; and

21 (E) built-in application monitoring.

22 (e) PROGRAM SCHEDULE.—The Secretary shall en-
23 sure that each selected activity includes—

24 (1) award processes that take no longer than 3
25 months after a requirement is identified;

1 (2) planned frequent and iterative end user vali-
2 dation of implemented features and their usability;

3 (3) delivery of a functional prototype or mini-
4 mally viable product in 3 months or less from award;
5 and

6 (4) follow-on delivery of iterative development
7 cycles no longer than 4 weeks apart, including secu-
8 rity testing and configuration management as appli-
9 cable.

10 (f) OVERSIGHT METRICS.—The Secretary shall en-
11 sure that the selected activities—

12 (1) use a modern tracking tool to execute re-
13 quirements backlog tracking; and

14 (2) use agile development metrics that, at a
15 minimum, track—

16 (A) pace of work accomplishment;

17 (B) completeness of scope of testing activi-
18 ties (such as code coverage, fault tolerance, and
19 boundary testing);

20 (C) product quality attributes (such as
21 major and minor defects and measures of key
22 performance attributes and quality attributes);

23 (D) delivery progress relative to the cur-
24 rent product roadmap; and

25 (E) goals for each iteration.

1 (g) DATA RIGHTS.—

2 (1) UNCLASSIFIED SOFTWARE.—

3 (A) DEPARTMENT OF DEFENSE RIGHTS.—

4 The Department of Defense shall obtain suffi-
5 cient data rights for unclassified software so
6 that all custom computer software developed
7 under the pilot activities are managed as open
8 source software.

9 (B) PUBLIC AVAILABILITY.—The con-

10 tractor shall publicly develop and release the
11 source code for unclassified custom software in
12 a public repository with a license through which
13 the copyright holder provides the rights to use,
14 study, reuse, modify, enhance, and distribute
15 the software to anyone and for any purpose.

16 (2) OTHER SOFTWARE.—For all other custom

17 software delivered under the pilot activities, the De-
18 partment of Defense shall obtain sufficient data
19 rights to enable a third party, other than the pilot
20 contractor, to continue development and mainte-
21 nance activities throughout the program lifecycle.

22 (h) RESTRICTIONS.—

23 (1) USE OF FUNDS.—No funds made available

24 for the selected activities may be expended on esti-

1 mation or evaluation using source lines of code
2 methodologies.

3 (2) CONTRACT TYPES.—The Secretary of De-
4 fense may not use lowest price technically acceptable
5 contracting methods or cost plus contracts to carry
6 out selected activities under this section, and shall
7 encourage the use of existing streamlined and flexi-
8 ble contracting arrangements.

9 (i) CONSULTATION.—In executing the software devel-
10 opment activities under subsection (a), the Secretary
11 shall—

12 (1) use the tools, resources, and expertise of
13 digital and innovation organizations resident in the
14 Department, such as the Defense Innovation Board,
15 the Defense Innovation Unit Experimental, the De-
16 fense Science Board, the Defense Business Board,
17 the Defense Digital Services, federally funded re-
18 search and development centers, research labora-
19 tories, and other technical, management, and acqui-
20 sition experts; and

21 (2) use, as appropriate, the digital development
22 and acquisition expertise of the General Services Ad-
23 ministration.

24 (j) REPORTS.—

1 (1) SOFTWARE DEVELOPMENT ACTIVITY COM-
2 MENCEMENT.—

3 (A) IN GENERAL.—Not later than 30 days
4 before the commencement of a software devel-
5 opment activity under subsection (a), the Sec-
6 retary shall submit to the congressional defense
7 committees a report on the pilot activity.

8 (B) ELEMENTS.—The report on a pilot ac-
9 tivity under this paragraph shall set forth a de-
10 scription of the pilot activity, including the fol-
11 lowing information:

- 12 (i) The purpose of the pilot activity.
13 (ii) The duration of the pilot activity.
14 (iii) The efficiencies and benefits an-
15 ticipated to accrue to the Government
16 under the pilot program.

17 (2) SOFTWARE DEVELOPMENT ACTIVITY COM-
18 PLETION.—

19 (A) IN GENERAL.—Not later than 60 days
20 after the completion of a pilot activity, the Sec-
21 retary shall submit to the congressional defense
22 committees a report on the pilot activity.

23 (B) ELEMENTS.—The report on a pilot ac-
24 tivity under this paragraph shall include the fol-
25 lowing elements:

1 (i) A description of results of the pilot
2 activity.

3 (ii) Such recommendations for legisla-
4 tive or administrative action as the Sec-
5 retary considers appropriate in light of the
6 pilot activity.

7 (k) AGILE ACQUISITION DEFINED.—In this section,
8 the term “agile acquisition”—

9 (1) means acquisition pursuant to a method-
10 ology for delivering multiple, rapid, incremental ca-
11 pabilities to the user for operational use, evaluation,
12 and feedback; and

13 (2) involves—

14 (A) the incremental development and field-
15 ing of capabilities, commonly called “spirals”,
16 “spins”, or “sprints”, which can be measured
17 in a few weeks or months; and

18 (B) continuous participation and collabora-
19 tion by users, testers, and requirements au-
20 thorities.

21 **SEC. 886. USE OF OPEN SOURCE SOFTWARE.**

22 (a) OPEN SOURCE SOFTWARE.—

23 (1) IN GENERAL.—Chapter 137 of title 10,
24 United States Code, is amended by inserting after
25 section 2320 the following new section:

1 **“§ 2320a. Use of open source software**

2 “(a) SOFTWARE DEVELOPMENT.—All unclassified
3 custom-developed computer software and related technical
4 data that is not a defense article regulated pursuant to
5 section 38 of the Arms Export Control Act (22 U.S.C.
6 2778) and that is developed under a contract or other
7 transaction awarded by the Department of Defense on or
8 after the date that is 180 days after the date of the enact-
9 ment of this section shall be managed as open source soft-
10 ware unless specifically waived by the service acquisition
11 executive.

12 “(b) RELEASE OF SOFTWARE IN PUBLIC REPOSI-
13 TORY.—The Secretary of Defense shall require the con-
14 tractor to release source code and related technical data
15 described under subsection (a) in a public repository ap-
16 proved by the Department of Defense, subject to a license
17 through which the copyright holder provides the rights to
18 use, study, reuse, modify, enhance, and distribute the soft-
19 ware to anyone and for any purpose.

20 “(c) APPLICABILITY TO EXISTING SOFTWARE.—The
21 Secretary of Defense shall, where appropriate—

22 “(1) apply open source licenses to existing cus-
23 tom-developed computer software; and

24 “(2) release related source code and technical
25 data in a public repository location approved by the
26 Department of Defense.

1 “(d) DEFINITIONS.—In this section:

2 “(1) CUSTOM-DEVELOPED COMPUTER SOFT-
3 WARE.—The term ‘custom-developed computer soft-
4 ware’ means human-readable source code, including
5 segregable portions thereof, that is first produced in
6 the performance of a Department of Defense con-
7 tract or other transaction, or is otherwise fully fund-
8 ed by the Federal Government.

9 “(2) TECHNICAL DATA.—The term ‘technical
10 data’ has the meaning given the term in section
11 2302 of this title.”.

12 (2) CLERICAL AMENDMENT.—The table of sec-
13 tions at the beginning of such chapter is amended
14 by adding after the item relating to section 2320 the
15 following new item:

“2320a. Use of open source software.”.

16 (b) PRIZE COMPETITION.—The Secretary of Defense
17 shall create a prize for a research and develop program
18 or other activity for identifying, capturing, and storing ex-
19 isting Department of Defense custom-developed computer
20 software and related technical data. The Secretary of De-
21 fense shall create an additional prize for improving,
22 repurposing, or reusing software to better support the De-
23 partment of Defense mission. The prize programs shall be
24 conducted in accordance with section 2374a of title 10,
25 United States Code.

1 (c) REVERSE ENGINEERING.—The Secretary of De-
2 fense shall task the Defense Advanced Research Program
3 Agency with a project to identify methods to locate and
4 reverse engineer Department of Defense custom-developed
5 computer software and related technical data for which
6 source code is unavailable.

7 (d) DEFINITIONS.—In this section:

8 (1) CUSTOM-DEVELOPED COMPUTER SOFT-
9 WARE.—The term “custom-developed computer soft-
10 ware” means human-readable source code, including
11 segregable portions thereof, that is first produced in
12 the performance of a Department of Defense con-
13 tract or other transaction, or is otherwise fully fund-
14 ed by the Federal Government.

15 (2) TECHNICAL DATA.—The term “technical
16 data” has the meaning given the term in section
17 2302 of title 10, United States Code.

18 (e) REGULATIONS.—Not later than 180 days after
19 the date of the enactment of this Act, the Secretary of
20 Defense shall amend the Defense Federal Acquisition Reg-
21 ulation Supplement to carry out this section and the
22 amendments made by this section.

1 **Subtitle J—Other Matters**

2 **SEC. 891. IMPROVED TRANSPARENCY AND OVERSIGHT**
3 **OVER DEPARTMENT OF DEFENSE RESEARCH,**
4 **DEVELOPMENT, TEST, AND EVALUATION EF-**
5 **FORTS AND PROCUREMENT ACTIVITIES RE-**
6 **LATED TO MEDICAL RESEARCH.**

7 The Secretary of Defense may not enter into a con-
8 tract, grant, or cooperative agreement for congressional
9 special interest medical research programs under the con-
10 gressionally directed medical research program of the De-
11 partment of Defense unless the contract, grant, or cooper-
12 ative agreement meets the following conditions:

13 (1) Compliance with the cost and price data re-
14 quirements under section 2306a of title 10, United
15 States Code.

16 (2) Compliance with the cost accounting stand-
17 ards under section 1502 of title 41, United States
18 Code.

19 (3) Compliance with requirements for full and
20 open competition under section 2304 of title 10,
21 United States Code, without reliance on one of the
22 exceptions set forth in subsection (c) of such section.

1 **SEC. 892. RIGHTS IN TECHNICAL DATA RELATED TO MED-**
2 **ICAL RESEARCH.**

3 The Secretary of Defense may not enter into a con-
4 tract, grant, or cooperative agreement for congressional
5 special interest medical research programs under the con-
6 gressionally directed medical research program of the De-
7 partment of Defense unless the contract, grant, or cooper-
8 ative agreement provides that the United States Govern-
9 ment will have the same rights to the technical data to
10 an item or process developed under the contract, grant,
11 or cooperative agreement as applicable under section
12 2320(a)(2)(A) of title 10, United States Code, to items
13 and processes developed exclusively with Federal funds
14 where the medical research results in medicines and other
15 treatments that will be procured or otherwise paid for by
16 the Federal Government through the Department of De-
17 fense, the Department of Veterans Affairs, Medicare,
18 Medicaid, or other Federal Government health programs.

19 **SEC. 893. OVERSIGHT, AUDIT, AND CERTIFICATION FROM**
20 **THE DEFENSE CONTRACT AUDIT AGENCY**
21 **FOR PROCUREMENT ACTIVITIES RELATED TO**
22 **MEDICAL RESEARCH.**

23 The Secretary of Defense may not enter into a con-
24 tract, grant, or cooperative agreement for congressional
25 special interest medical research programs under the con-
26 gressionally directed medical research program of the De-

1 partment of Defense unless the contract, grant, or cooper-
2 ative agreement meets the following conditions:

3 (1) Prior to obligation of any funds, review by
4 and certification from the Defense Contract Audit
5 Agency regarding the adequacy of the accounting
6 systems of the proposed awardee, including a for-
7 ward pricing review of the awardee's proposal.

8 (2) Prior to any payment on the contract,
9 grant, or cooperative agreement, performance by the
10 Defense Contract Audit Agency of an incurred cost
11 audit.

12 **SEC. 894. REQUIREMENTS FOR DEFENSE CONTRACT AUDIT**
13 **AGENCY REPORT.**

14 Subparagraph (E) of section 2313a(a)(2) of title 10,
15 United States Code, is amended to read as follows:

16 “(E) the total number and dollar value of
17 audits that are pending for a period longer than
18 18 months as of the end of the fiscal year cov-
19 ered by the report, including a breakdown by
20 type of audit;”.

1 **SEC. 895. PROTOTYPE PROJECTS TO DIGITIZE DEFENSE AC-**
2 **QUISITION REGULATIONS, POLICIES, AND**
3 **GUIDANCE, AND EMPOWER USER TAILORING**
4 **OF ACQUISITION PROCESS.**

5 (a) IN GENERAL.—The Secretary of Defense, acting
6 through the Under Secretary of Defense for Research and
7 Engineering, shall conduct development efforts to develop
8 prototypes to digitize defense acquisition regulations, poli-
9 cies, and guidance and to develop a digital decision sup-
10 port tool that facilitates the ability of users to tailor pro-
11 grams in accordance with existing laws, regulations, and
12 guidance.

13 (b) ELEMENTS.—Under the prototype projects, the
14 Secretary shall—

15 (1) convert existing acquisition policies, guides,
16 memos, templates, and reports to an online, inter-
17 active digital format to create a dynamic, integrated,
18 and authoritative knowledge environment for pur-
19 poses of assisting program managers and the acqui-
20 sition workforce of the Department of Defense to
21 navigate the complex lifecycle for each major type of
22 acquisition program or activity of the Department;

23 (2) as part of this digital environment, create a
24 digital decision support capability that uses decision
25 trees and tailored acquisition models to assist users

1 to develop strategies and facilitate coordination and
2 approvals; and

3 (3) as part of this environment, establish a
4 foundational data layer to enable advanced data
5 analytics on the acquisition enterprise of the Depart-
6 ment, to include business process reengineering to
7 improve productivity.

8 (c) USE OF PROTOTYPES IN ACQUISITION ACTIVI-
9 TIES.—The Under Secretary of Defense for Research and
10 Engineering shall encourage the use of these prototypes
11 to model, develop, and test any procedures, policies, in-
12 structions, or other forms of direction and guidance that
13 may be required to support acquisition training, practices,
14 and policies of the Department of Defense.

15 (d) FUNDING.—The Secretary may use the authority
16 under section 1705(e)(4)(B) of title 10, United States
17 Code, to develop acquisition support prototypes and tools
18 under this program.

19 **SEC. 896. PILOT PROGRAM FOR ADOPTION OF ACQUISITION**
20 **STRATEGY FOR DEFENSE BASE ACT INSUR-**
21 **ANCE.**

22 (a) IN GENERAL.—The Secretary of Defense shall es-
23 tablish a pilot program for the United States Army Corps
24 of Engineers (USACE) for purposes of adopting an acqui-
25 sition strategy for insurance required by the Defense Base

1 Act (42 U.S.C. 1651 et seq.) in order to minimize the cost
2 of such insurance to the Department of Defense.

3 (b) CRITERIA.—The pilot program acquisition strat-
4 egy developed pursuant to subsection (a) shall address the
5 following criteria:

6 (1) Minimize overhead costs associated with ob-
7 taining insurance required by the Defense Base Act,
8 such as direct or indirect costs for contract manage-
9 ment and contract administration.

10 (2) Minimize costs for coverage of such insur-
11 ance consistent with realistic assumptions regarding
12 the likelihood of incurred claims by contractors of
13 the Department and USACE.

14 (3) Provide for a correlation of premiums paid
15 in relation to claims incurred that is modeled on best
16 practices in government and industry for similar
17 kinds of insurance.

18 (4) Provide for a competitive marketplace for
19 insurance required by the Defense Base Act to the
20 maximum extent practicable.

21 (c) SINGLE CONTRACT.—

22 (1) IN GENERAL.—In adopting the pilot pro-
23 gram acquisition strategy pursuant to subsection
24 (a), the Secretary shall enter into a single Defense
25 Base Act insurance contract for USACE for con-

1 tracts involving performance in all theaters, and po-
2 tentially including combat operations.

3 (2) SCOPE.—The contract shall extend to all
4 categories of insurance coverage, including construc-
5 tion, aviation, security, and services contracts.

6 (3) TERM.—The contract entered into under
7 this subsection shall be in effect for at least 3 years,
8 or as considered appropriate by the Secretary.

9 (d) REPORT.—

10 (1) IN GENERAL.—Not later than 180 days
11 after the date of the enactment of this Act, the Sec-
12 retary shall submit to the congressional defense com-
13 mittees a report on the pilot program and the acqui-
14 sition strategy adopted pursuant to subsection (a).

15 (2) ELEMENTS.—The report required under
16 paragraph (1) shall include—

17 (A) a discussion of each of the options con-
18 sidered and the extent to which each option ad-
19 dresses the criteria identified under subsection
20 (b); and

21 (B) a plan to implement within 18 months
22 after the date of enactment of this Act the ac-
23 quisition strategy adopted by the Secretary.

24 (e) REVIEW AND RENEWAL OF PILOT PROGRAM AND
25 ACQUISITION STRATEGY.—The Secretary shall review the

1 pilot program and may renew the program, provided that
2 the objectives have been reached.

3 **SEC. 897. PHASE III AWARDS.**

4 Section 9(r)(4) of the Small Business Act (15 U.S.C.
5 638(r)(4)) is amended by striking “shall issue Phase III
6 awards” and inserting the following: “shall—

7 “(A) consider an award under the SBIR
8 program or the STTR program to satisfy the
9 requirements under section 2304 of title 10,
10 United States Code, and any other applicable
11 competition requirements; and

12 “(B) issue, without further justification,
13 Phase III awards”.

14 **SEC. 898. PILOT PROGRAM FOR STREAMLINED TECH-**
15 **NOLOGY TRANSITION FROM THE SBIR AND**
16 **STTR PROGRAMS OF THE DEPARTMENT OF**
17 **DEFENSE.**

18 (a) DEFINITIONS.—In this section—

19 (1) the terms “commercialization”, “Federal
20 agency”, “Phase I”, “Phase II”, “Phase III”,
21 “SBIR”, and “STTR” have the meanings given
22 those terms in section 9(e) of the Small Business
23 Act (15 U.S.C. 638(e));

24 (2) the term “covered small business concern”
25 means—

1 (A) a small business concern that com-
2 pleted a Phase II award under the SBIR or
3 STTR program of the Department; or

4 (B) a small business concern that—

5 (i) completed a Phase I award under
6 the SBIR or STTR program of the De-
7 partment; and

8 (ii) a contracting officer for the De-
9 partment recommends for inclusion in a
10 multiple award contract described in sub-
11 section (b);

12 (3) the term “Department” means the Depart-
13 ment of Defense;

14 (4) the term “multiple award contract” has the
15 meaning given the term in section 3302(a) of title
16 41, United States Code;

17 (5) the term “pilot program” means the pilot
18 program established under subsection (b); and

19 (6) the term “small business concern” has the
20 meaning given the term in section 3 of the Small
21 Business Act (15 U.S.C. 632).

22 (b) ESTABLISHMENT.—Not later than 180 days after
23 the date of enactment of this Act, the Secretary of Defense
24 shall establish a pilot program under which the Depart-
25 ment shall award multiple award contracts to covered

1 small business concerns for the purchase of technologies,
2 supplies, or services that the covered small business con-
3 cern has developed through the SBIR or STTR program.

4 (c) WAIVER OF COMPETITION IN CONTRACTING ACT
5 REQUIREMENTS.—The Secretary of Defense may estab-
6 lish procedures to waive provisions of section 2304 of title
7 10, United States Code, for purposes of carrying out the
8 pilot program.

9 (d) USE OF CONTRACT VEHICLE.—A multiple award
10 contract described in subsection (b) may be used by any
11 service or component of the Department.

12 (e) TERMINATION.—The pilot program established
13 under this section shall terminate on September 30, 2023.

14 (f) RULE OF CONSTRUCTION.—Nothing in this sec-
15 tion shall be construed to prevent the commercialization
16 of products and services produced by a small business con-
17 cern under an SBIR or STTR program of a Federal agen-
18 cy through—

19 (1) direct awards for Phase III of an SBIR or
20 STTR program; or

21 (2) any other contract vehicle.

1 **SEC. 899. ANNUAL REPORT ON LIMITATION OF SUBCON-**
2 **TRACTOR INTELLECTUAL PROPERTY**
3 **RIGHTS.**

4 Not later than 180 days after the date of the enact-
5 ment of this Act, and annually thereafter for five years,
6 the Secretary of Defense shall submit to the congressional
7 defense committees a report listing all contracts entered
8 into during the previous fiscal year using procedures
9 under part 15 of the Federal Acquisition Regulation where
10 the prime contractor limited the intellectual property
11 rights of one or more subcontractors without being re-
12 quired to do so by the United States Government.

13 **SEC. 899A. EXTENSION FROM 20 TO 30 YEARS OF MAXIMUM**
14 **TOTAL PERIOD FOR DEPARTMENT OF DE-**
15 **FENSE CONTRACTS FOR STORAGE, HAN-**
16 **DLING, OR DISTRIBUTION OF LIQUID FUELS**
17 **AND NATURAL GAS.**

18 (a) **EXTENSION.**—Section 2922(b) of title 10, United
19 States Code, is amended by striking “a total of 20 years”
20 and inserting “a total of 30 years”.

21 (b) **EFFECTIVE DATE.**—The amendment made by
22 subsection (a) shall take effect on October 1, 2027, and
23 shall apply with respect to contracts entered into on or
24 after such date.

1 **SEC. 899B. EXCEPTION FOR DEPARTMENT OF DEFENSE**
2 **CONTRACTS FROM REQUIREMENT THAT**
3 **BUSINESS OPERATIONS CONDUCTED UNDER**
4 **GOVERNMENT CONTRACTS ACCEPT AND DIS-**
5 **PENSE \$1 COINS.**

6 Section 5112(p)(1) of title 31, United States Code,
7 is amended by inserting “, with the exception of business
8 operations conducted by any entity under a contract with
9 the Department of Defense,” before “shall take such ac-
10 tion”.

11 **SEC. 899C. INVESTING IN RURAL SMALL BUSINESSES.**

12 (a) FLEXIBILITY FOR RESIDENCY IN HUBZONES.—
13 Section 3(p)(5)(A)(i)(I) of the Small Business Act (15
14 U.S.C. 632(p)(5)(A)(i)(I)) is amended by striking “35
15 percent” each place that term appears and inserting “33
16 percent”.

17 (b) ENABLING LOCAL COMMUNITIES TO MAXIMIZE
18 ECONOMIC POTENTIAL.—The Small Business Act (15
19 U.S.C. 631 et seq.) is amended—

20 (1) in section 3(p)(1) (15 U.S.C. 632(p)(1))—

21 (A) in subparagraph (E), by striking “or”
22 at the end;

23 (B) by redesignating subparagraph (F) as
24 subparagraph (G); and

25 (C) by inserting after subparagraph (E)
26 the following:

1 “(F) another qualified area designated by
2 the Administrator under section 31(d); or”; and
3 (2) in section 31 (15 U.S.C. 657a)—

4 (A) by redesignating subsection (d) as sub-
5 section (e); and

6 (B) by inserting after subsection (c) the
7 following:

8 “(d) OTHER QUALIFIED AREAS.—

9 “(1) DEFINITIONS.—In this subsection—

10 “(A) the term ‘covered area’ means an
11 area in a State—

12 “(i) that is located outside of an ur-
13 banized area, as determined by the Bureau
14 of the Census; and

15 “(ii) with a population of not more
16 than 50,000;

17 “(B) the term ‘governor’ means the chief
18 executive of a State; and

19 “(C) the term ‘State’ means each of the
20 several States, the District of Columbia, the
21 Commonwealth of Puerto Rico, the Virgin Is-
22 lands, Guam, the Commonwealth of the North-
23 ern Mariana Islands, and American Samoa.

24 “(2) DESIGNATION.—A governor may petition
25 the Administrator to designate one or more covered

1 areas as a HUBZone if the average unemployment
2 rate of each covered area is not less than 120 per-
3 cent of the average unemployment rate of the United
4 States or of the State in which the covered area is
5 located, whichever is less, based on the most recent
6 data available from the American Community Sur-
7 vey conducted by the Bureau of the Census.

8 “(3) CRITERIA.—In reviewing a petition sub-
9 mitted by a governor under paragraph (2), the Ad-
10 ministrator may consider—

11 “(A) the potential for job creation and in-
12 vestment;

13 “(B) the demonstrated interest of small
14 business concerns in the covered area to partici-
15 pate in the HUBZone program established
16 under section 31; and

17 “(C) the consideration by State and local
18 government officials of a HUBZone as part of
19 an economic development strategy.

20 “(4) PETITION.—With respect to a petition
21 submitted by a governor to the Administrator under
22 paragraph (2)—

23 “(A) the governor may submit not more
24 than 1 petition in a fiscal year unless the Ad-
25 ministrator determines that an additional peti-

1 tion from the State of the governor is appro-
2 priate;

3 “(B) the governor may not submit a peti-
4 tion for more than 10 percent of the total num-
5 ber of covered areas in the State of the gov-
6 ernor; and

7 “(C) if the Administrator grants the peti-
8 tion and designates one or more covered areas
9 as a HUBZone, the governor shall, not less fre-
10 quently than annually, submit data to the Ad-
11 ministrators certifying that each covered area
12 continues to meet the requirements of clauses
13 (i) and (ii) of paragraph (1)(A).

14 “(5) PROCESS.—The Administrator shall estab-
15 lish procedures—

16 “(A) to ensure that the Administration ac-
17 cepts petitions under paragraph (2) from all
18 States each fiscal year; and

19 “(B) to provide technical assistance, before
20 the filing of a petition under paragraph (2), to
21 a governor who is interested in filing such a pe-
22 tition.”.

23 (c) ENSURING TIMELY CONSIDERATION OF
24 HUBZONE APPLICATIONS.—Section 3(p)(5) of the Small

1 Business Act (15 U.S.C. 632(p)(5)) is amended by adding
2 at the end the following:

3 “(C) REVIEW OF APPLICATIONS.—Not
4 later than 60 days after the date on which the
5 Administrator receives an application from a
6 small business concern to be certified as a
7 qualified HUBZone small business concern
8 under subparagraph (A)(i), the Administrator
9 shall approve or deny the application.”.

10 **TITLE IX—DEPARTMENT OF DE-**
11 **FENSE ORGANIZATION AND**
12 **MANAGEMENT**

13 **Subtitle A—Office of the Secretary**
14 **of Defense and Related Matters**

15 **SEC. 901. CHIEF MANAGEMENT OFFICER OF THE DEPART-**
16 **MENT OF DEFENSE.**

17 (a) CHIEF MANAGEMENT OFFICER.—

18 (1) IN GENERAL.—Effective February 1, 2018,
19 section 132a of title 10, United States Code, is
20 amended to read as follows:

21 **“§ 132a. Chief Management Officer**

22 “(a) APPOINTMENT.—There is a Chief Management
23 Officer of the Department of Defense, appointed from ci-
24 vilian life by the President, by and with the advice and
25 consent of the Senate. The Chief Management Officer

1 shall be appointed from among persons who have an exten-
2 sive management or business background and experience
3 with managing large or complex organizations. A person
4 may not be appointed as Chief Management Officer within
5 seven years after relief from active duty as a commissioned
6 officer of a regular component of an armed force.

7 “(b) RESPONSIBILITIES.—Subject to the authority,
8 direction, and control of the Secretary of Defense, the
9 Chief Management Officer shall perform such duties and
10 exercise such powers as the Secretary may prescribe, in-
11 cluding—

12 “(1) serving as the chief management officer of
13 the Department of Defense with the mission of man-
14 aging the business operations of the Department;

15 “(2) serving as the principal advisor to the Sec-
16 retary on establishing policies for, and directing, all
17 business operations of the Department, including
18 business transformation, business planning and
19 processes, performance management, and business
20 information technology management and improve-
21 ment activities and programs, including the alloca-
22 tion of resources for business operations and uni-
23 fying business management efforts across the De-
24 partment;

1 “(3) exercising authority, direction, and control
2 over the Defense Agencies and Department of De-
3 fense Field Activities providing shared business serv-
4 ices for the Department that are designated by the
5 Secretary for purposes of this paragraph;

6 “(4) as of January 1, 2019—

7 “(A) serving as the Chief Information Offi-
8 cer of the Department for purposes of section
9 2222 of this title;

10 “(B) administering the responsibilities and
11 duties specified in sections 11315 and 11319 of
12 title 40, section 3506(a)(2) of title 44, and sec-
13 tion 2223(a) of this title for business systems
14 and management; and

15 “(C) any responsibilities, duties, and pow-
16 ers relating to business systems or management
17 that are exercisable by a chief information offi-
18 cer for the Department, other than those re-
19 sponsibilities, duties, and powers of a chief in-
20 formation officer that are vested in the Chief
21 Information Warfare Officer by section 142 of
22 this title;

23 “(5) serving as the official with principal re-
24 sponsibility in the Department for providing for the
25 availability of common, usable, Defense-wide data

1 sets with applications such as improving acquisition
2 outcomes and personnel management; and

3 “(6) the authority to direct the Secretaries of
4 the military departments and the heads of all other
5 elements of the Department with regard to matters
6 for which the Chief Management Officer has respon-
7 sibility under this section.

8 “(c) PRECEDENCE.—The Chief Management Officer
9 takes precedence in the Department of Defense after the
10 Secretary of Defense and the Deputy Secretary of De-
11 fense.”.

12 (2) CLERICAL AMENDMENT.—Effective Feb-
13 ruary 1, 2018, the table of sections at the beginning
14 of chapter 4 of such title is amended by striking the
15 item relating to section 132a and inserting the fol-
16 lowing new item:

“132a. Chief Management Officer.”.

17 (b) CONFORMING REPEAL OF PRIOR AUTHORITIES
18 ON CMO.—

19 (1) IN GENERAL.—Effective on January 31,
20 2018, subsection (c) of section 901 of the National
21 Defense Authorization Act for Fiscal Year 2017
22 (Public Law 114–328; 130 Stat. 2341; 10 U.S.C.
23 131 note) is repealed, and the amendments to be
24 made by paragraph (4) of that subsection shall not
25 be made.

1 (2) FURTHER CONFORMING AMENDMENTS.—
2 Effective on February 1, 2018, section 132 of title
3 10, United States Code, is amended—

4 (A) by striking subsection (c); and

5 (B) by redesignating subsection (d) as sub-
6 section (c).

7 (c) CONFORMING AMENDMENTS ON PRECEDENCE IN
8 DOD.—Effective on February 1, 2018, and immediately
9 after the coming into effect of the amendments made by
10 section 901 of the National Defense Authorization Act for
11 Fiscal Year 2017—

12 (1) section 131(b) of title 10, United States
13 Code, is amended—

14 (A) by redesignating paragraphs (2)
15 through (9) as paragraphs (3) through (10), re-
16 spectively; and

17 (B) by inserting after paragraph (1) the
18 following new paragraph (2):

19 “(2) The Chief Management Officer of the De-
20 partment of Defense.”;

21 (2) section 133a(c) of such title is amended—

22 (A) in paragraph (1), by striking “and the
23 Deputy Secretary of Defense” and inserting “,
24 the Deputy Secretary of Defense, and the Chief

1 Management Officer of the Department of De-
2 fense”; and

3 (B) in paragraph (2), by inserting “the
4 Chief Management Officer,” after “the Deputy
5 Secretary,”; and

6 (3) section 133b(e) of such title is amended—

7 (A) in paragraph (1), by inserting “the
8 Chief Management Officer of the Department
9 of Defense,” after “the Deputy Secretary of
10 Defense,”; and

11 (B) in paragraph (2), by inserting “the
12 Chief Management Officer,” after “the Deputy
13 Secretary,”.

14 (d) EXECUTIVE SCHEDULE LEVEL II.—Effective on
15 February 1, 2018, and immediately after the coming into
16 effect of the amendment made by section 901(h) of the
17 National Defense Authorization Act for Fiscal Year 2017,
18 section 5313 of title 5, United States Code, is amended
19 by inserting before the item relating to the Under Sec-
20 retary of Defense for Research and Engineering the fol-
21 lowing new item:

22 “Chief Management Officer of the Department
23 of Defense.”.

24 (e) SERVICE OF INCUMBENT DEPUTY CHIEF MAN-
25 AGEMENT OFFICER AS CHIEF MANAGEMENT OFFICER

1 UPON COMMENCEMENT OF LATTER POSITION WITHOUT
2 FURTHER APPOINTMENT.—The individual serving in the
3 position of Deputy Chief Management Officer of the De-
4 partment of Defense as of February 1, 2018, may con-
5 tinue to serve as Chief Management Officer of the Depart-
6 ment of Defense under section 132a of title 10, United
7 States Code (as amended by subsection (a)), commencing
8 as of that date without further appointment pursuant to
9 such section 132a.

10 (f) REPORT ON DEFENSE AGENCIES AND FIELD AC-
11 TIVITIES PROVIDING SHARED BUSINESS SERVICES.—Not
12 later than January 15, 2018, the Secretary of Defense
13 shall submit to the congressional defense committees a re-
14 port specifying each Defense Agency and Department of
15 Defense Field Activity providing shared business services
16 for the Department of Defense that is to be designated
17 by the Secretary for purposes of subsection (b)(3) of sec-
18 tion 132a of title 10, United States Code (as so amended),
19 as of the coming into effect of such section 132a

20 (g) NOTICE TO CONGRESS ON TRANSFER OF OVER-
21 SIGHT OF DEFENSE AGENCIES AND FIELD ACTIVITIES
22 WITH BUSINESS-SUPPORT FUNCTIONS TO CMO.—Upon
23 the transfer of responsibility for oversight of a Defense
24 Agency or Department of Defense Field Activity specified
25 in subsection (c) of section 132a of title 10, United States

1 Code (as so amended), to the Chief Management Officer
2 of the Department of Defense, the Secretary of Defense
3 shall submit to the congressional defense committees a no-
4 tice on the transfer, including the Defense Agency or Field
5 Activity subject to the transfer and a description of the
6 nature and scope of the responsibility for oversight trans-
7 ferred.

8 **SEC. 902. REALIGNMENT OF RESPONSIBILITIES, DUTIES,**
9 **AND POWERS OF CHIEF INFORMATION OFFI-**
10 **CER OF THE DEPARTMENT OF DEFENSE.**

11 (a) IN GENERAL.—Effective on January 1, 2019, the
12 responsibilities, duties, and powers vested in the Chief In-
13 formation Officer of the Department of Defense as of De-
14 cember 31, 2018, are realigned as follows:

15 (1) There is vested in the Chief Information
16 Warfare Officer of the Department of Defense the
17 responsibilities, duties, and powers provided for by
18 section 142 of title 10, United States Code (as
19 amended by subsection (b)).

20 (2) There is vested in the Chief Management
21 Officer of the Department of Defense any respon-
22 sibilities, duties, and powers vested in the Chief In-
23 formation Officer of the Department of Defense as
24 of December 31, 2018, that are not vested in the

1 Chief Information Warfare Officer by paragraph (1)
2 and such section 142.

3 (b) CHIEF INFORMATION WARFARE OFFICER.—

4 (1) IN GENERAL.—Section 142 of title 10,
5 United States Code, is amended to read as follows:

6 **“§ 142. Chief Information Warfare Officer**

7 “(a) IN GENERAL.—(1) There is a Chief Information
8 Warfare Officer of the Department of Defense, who shall
9 be appointed from among civilians who are qualified to
10 serve as the Chief Information Warfare Officer by the
11 President, by and with the advice and consent of the Sen-
12 ate.

13 “(2) The Chief Information Warfare Officer shall re-
14 port directly to the Secretary of Defense in the perform-
15 ance of duties under this section.

16 “(b) RESPONSIBILITY AND AUTHORITY.—(1) Subject
17 to the authority, direction, and control of the Secretary
18 of Defense, the Chief Information Warfare Officer is re-
19 sponsible for all matters relating to the information envi-
20 ronment of the Department of Defense and has the au-
21 thority to establish policy for, and direct the Secretaries
22 of the military departments and the heads of all other ele-
23 ments of the Department relating to, the matters as fol-
24 low:

25 “(A) Space and space launch systems.

1 “(B) Communications networks and informa-
2 tion technology (other than business systems).

3 “(C) National security systems.

4 “(D) Information assurance and cybersecurity.

5 “(E) Electronic warfare and cyber warfare.

6 “(F) Nuclear command and control and senior
7 leadership communications systems.

8 “(G) Command and control systems and net-
9 works.

10 “(H) The electromagnetic spectrum.

11 “(I) Positioning, navigation, and timing.

12 “(J) Any other matters assigned to the Chief
13 Information Officer of the Department of Defense,
14 not relating to business systems or management, in
15 sections 2223 and 2224 of this title, sections 11315
16 and 11319 of title 40, and sections 3506 and 3544
17 of title 44.

18 “(2) In addition to the responsibilities in paragraph
19 (1), the responsibilities of the Chief Information Warfare
20 Officer include—

21 “(A) exercising authority, direction, and control
22 over the missions, programs, and organizational ele-
23 ments pertaining to information assurance (formally
24 Information Assurance Directorate) of the National
25 Security Agency;

1 “(B) exercising authority, direction, and control
2 over the Defense Information Systems Agency, or
3 any successor organization, for the matters described
4 in paragraph (1); and

5 “(C) responsibilities for policy, oversight, guid-
6 ance, and coordination for all Department matters
7 relating to the electromagnetic spectrum, includ-
8 ing—

9 “(i) coordination with other Federal agen-
10 cies and the private sector;

11 “(ii) coordination for classified programs;
12 and

13 “(iii) in coordination with the Under Sec-
14 retary for Personnel and Health, the spectrum
15 management workforce.

16 “(3) Notwithstanding the exemptions for the Depart-
17 ment of Defense in section 11319 of title 40, the authority
18 of the Chief Information Warfare Officer to direct the sec-
19 retaries of the military departments for information war-
20 fare matters as provided in paragraph (1) shall include—

21 “(A) playing a significant and directive role in
22 the decision processes for all annual and multi-year
23 planning, programming, budgeting, and execution
24 decisions, including the authority to realign the ele-
25 ments of the budgets and budget requests of the

1 military departments that pertain to the responsibil-
2 ities of the Chief Information Warfare Officer;

3 “(B) reviewing and approving any funding re-
4 quest or reprogramming request;

5 “(C) ensuring that the military departments
6 comply with Government and Department standards
7 on a matter described in paragraph (1) or (2);

8 “(D) reviewing and approving the appointment
9 of any other employee who functions in the capacity
10 of a Chief Information Officer or a Chief Informa-
11 tion Warfare Officer for any component within the
12 Department, except for the Chief Management Offi-
13 cer of the Department of Defense; and

14 “(E) participating in all meetings, management,
15 and decision-making forums on issues pertaining to
16 any matter described in paragraph (1) or (2).

17 “(4) The Chief Information Warfare Officer shall
18 oversee and may require that programs of the military de-
19 partments comply with such direction and standards as
20 the Chief Information Warfare Officer may establish relat-
21 ing to a matter described in paragraph (1) or (2).

22 “(5) The Chief Information Warfare Officer shall
23 perform such additional duties and exercise such addi-
24 tional powers as the Secretary may prescribe.

1 “(c) CHIEF INFORMATION OFFICER FOR CERTAIN
2 PURPOSES.—The Chief Information Warfare Officer—

3 “(1) is the Chief Information Officer of the De-
4 partment of Defense for purposes of 3554(a)(3) of
5 title 44 and section 2224 of this title; and

6 “(2) in coordination with the Chief Manage-
7 ment Officer of the Department of Defense, is the
8 Chief Information Officer of the Department of De-
9 fense for purposes of section 11315 of title 40 and
10 section 2223 of this title.

11 “(d) PRINCIPAL CYBER ADVISOR.—In addition to
12 any other duties under this section, the Chief Information
13 Warfare Officer shall serve as Principal Cyber Advisor
14 under section 932(c) of the National Defense Authoriza-
15 tion Act for Fiscal Year 2014 (10 U.S.C. 2224 note).

16 “(e) PRINCIPAL DEPARTMENT OF DEFENSE SPACE
17 ADVISOR.—In addition to any other duties under this sec-
18 tion, the Chief Information Warfare Officer shall perform
19 the duties of the Principal Department of Defense Space
20 Advisor in accordance with Department of Defense Direc-
21 tive 5100.96 and any succeeding directive.

22 “(f) COLLABORATIVE MECHANISMS.—(1) The Sec-
23 retary of Defense shall establish collaboration mechanisms
24 between the Chief Information Warfare Officer and the
25 Under Secretary of Defense for Intelligence, the Under

1 Secretary of Defense for Policy, the Chairman of the Joint
2 Chiefs of Staff, and the Assistant Secretary of Defense
3 for Public Affairs for purposes of developing and over-
4 seeing the execution of offensive and defensive information
5 warfare strategies, plans, programs, and operations.

6 “(2) The strategies, plans, programs and operations
7 shall appropriately integrate cyber, electronic, and electro-
8 magnetic spectrum warfare, military deception, military
9 information support operations, and public affairs to con-
10 duct, counter, and deter information warfare

11 “(g) PRECEDENCE IN DOD.—(1) The Chief Informa-
12 tion Warfare Officer shall take precedence in the Depart-
13 ment of Defense with the officials serving in positions
14 specified in section 131(b)(2) of this title.

15 “(2) The officials serving in positions specified in
16 such section and the Chief Information Warfare Officer
17 take precedence among themselves in the order prescribed
18 by the Secretary.”.

19 (2) CLERICAL AMENDMENT.—The table of sec-
20 tions at the beginning of chapter 4 of such title is
21 amended by striking the item relating to section 142
22 and inserting the following new item:

“142. Chief Information Warfare Officer.”.

23 (3) EXECUTIVE SCHEDULE LEVEL II.—Section
24 5313 of title 5, United States Code, is amended by

1 inserting after the item relating to the Deputy Sec-
2 retary of Defense the following new item:

3 “Chief Information Warfare Officer of the De-
4 partment of Defense.”.

5 (4) REFERENCES.—Any reference to the Chief
6 Information Officer of the Department of Defense in
7 any law, regulation, map, document, record, or other
8 paper of the United States in that official’s capacity
9 as the official responsible for the information secu-
10 rity and information dominance of the Department
11 of Defense shall be deemed to be a reference to
12 Chief Information Warfare Officer of the Depart-
13 ment of Defense.

14 (5) PRINCIPAL CYBER ADVISOR.—Paragraph
15 (1) of section 932(c) of the National Defense Au-
16 thorization Act for Fiscal Year 2014 (Public Law
17 113–66; 127 Stat. 829; 10 U.S.C. 2224 note) is
18 amended to read as follows:

19 “(1) IN GENERAL.—The Chief Information
20 Warfare Officer of the Department of Defense under
21 section 142 of title 10, United States Code, shall
22 serve as the Principal Cyber Advisor to act as the
23 principal advisor to the Secretary on military cyber
24 forces and activities.”.

1 (6) STANDARDS FOR NETWORKS.—A military
2 department may not develop or procure a network
3 that does not fully comply with such standards as
4 the Chief Information Warfare Officer under section
5 142 of title 10, United States Code (as amended by
6 paragraph (1)), may establish relating to a matter
7 described in subsection (b) of such section.

8 (7) ALTERNATIVE PROPOSAL.—Not later than
9 March 1, 2018, the Secretary of Defense shall sub-
10 mit to the congressional defense committees a pro-
11 posal for such alternatives or modifications to the
12 realignment of responsibilities required by section
13 142 of title 10, United States Code (as so amended),
14 as the Secretary considers appropriate, together with
15 an implementation plan for such proposal. The pro-
16 posal may not be carried out unless approved by
17 statute.

18 (8) QUARTERLY BRIEFING ON IMPLEMENTA-
19 TION.—Not later than January 30, 2018, and every
20 90 days thereafter through January 1, 2019, the
21 Secretary shall provide to the congressional defense
22 committees a briefing on the status of the implemen-
23 tation of the Chief Information Warfare Officer of
24 the Department of Defense under section 142 of

1 title 10, United States Code (as so amended), during
2 the preceding 90 days.

3 (9) EFFECTIVE DATE.—

4 (A) IN GENERAL.—Except as provided in
5 subparagraph (B), this subsection and the
6 amendments made by this subsection shall take
7 effect on January 1, 2019.

8 (B) INTERIM MATTERS.—Paragraphs (7)
9 and (8) of this subsection shall take effect on
10 the date of the enactment of this Act.

11 **SEC. 903. CLARIFICATION OF AUTHORITY OF UNDER SEC-**
12 **RETARY OF DEFENSE FOR ACQUISITION AND**
13 **SUSTAINMENT WITH RESPECT TO SERVICE**
14 **ACQUISITION PROGRAMS FOR WHICH THE**
15 **SERVICE ACQUISITION EXECUTIVE IS THE**
16 **MILESTONE DECISION AUTHORITY.**

17 Effective on February 1, 2018, and immediately after
18 the coming into effect of the amendment made by section
19 901(b) of the National Defense Authorization Act for Fis-
20 cal Year 2017 (Public Law 114–328), subsection (b)(6)
21 of section 133b of title 10, United States Code, as added
22 by such section 901(b), is amended by striking “super-
23 visory authority” and inserting “advisory authority”.

1 **SEC. 904. EXECUTIVE SCHEDULE MATTERS RELATING TO**
2 **UNDER SECRETARY OF DEFENSE FOR ACQUI-**
3 **SITION AND SUSTAINMENT.**

4 (a) INAPPLICABILITY OF PENDING AMENDMENT.—
5 The amendment to be made by section 901(h) of the Na-
6 tional Defense Authorization Act for Fiscal Year 2017
7 (Public Law 114–328; 130 Stat. 2342) with regard to the
8 Under Secretary of Defense for Acquisition and
9 Sustainment shall not be made.

10 (b) EXECUTIVE SCHEDULE LEVEL III.—Effective on
11 February 1, 2018, section 5314 of title 5, United States
12 Code, is amended by inserting before the item relating to
13 the Under Secretary of Defense for Policy the following:
14 “Under Secretary of Defense for Acquisition
15 and Sustainment.”.

16 **SEC. 905. TECHNICAL AMENDMENT.**

17 Section 901(a) of the National Defense Authorization
18 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
19 2339; 10 U.S.C. 133a note) is amended—

20 (1) by striking “RESEARCH AND ENGINEER-
21 ING.—” and all that follows through “Effective on
22 February 1, 2018” and inserting “RESEARCH AND
23 ENGINEERING.—Effective on February 1, 2018”;
24 and

25 (2) by striking paragraph (2).

1 **SEC. 906. REDESIGNATION OF UNDER SECRETARY OF DE-**
2 **FENSE FOR PERSONNEL AND READINESS AS**
3 **UNDER SECRETARY OF DEFENSE FOR PER-**
4 **SONNEL AND HEALTH.**

5 (a) REDESIGNATION.—

6 (1) IN GENERAL.—Section 136 of title 10,
7 United States Code, is amended by striking “and
8 Readiness” each place it appears and inserting “and
9 Health”.

10 (2) HEADING AMENDMENT.—The heading of
11 such section is amended to read as follows:

12 **“§ 136. Under Secretary of Defense for Personnel and**
13 **Health”.**

14 (3) CLERICAL AMENDMENT.—The table of sec-
15 tions at the beginning of chapter 4 of such title is
16 amended by striking the item relating to section 136
17 and inserting the following new item:

“136. Under Secretary of Defense for Personnel and Health.”.

18 (b) CONFORMING AMENDMENTS.—

19 (1) TITLE 10.—

20 (A) Subparagraph (D) of section 131(b)(2)
21 of title 10, United States Code, is amended to
22 read as follows:

23 “(D) The Under Secretary of Defense for
24 Personnel and Health.”.

1 (B) Section 137(e) of such title is amended
2 by striking “and Readiness” and inserting “and
3 Health”.

4 (2) EXECUTIVE SCHEDULE LEVEL III.—Section
5 5314 of title 5, United States Code, is amended by
6 striking the item relating to the Under Secretary of
7 Defense for Personnel and Readiness and inserting
8 the following new item:
9 “Under Secretary of Defense for Personnel and
10 Health.”.

11 (c) REFERENCES.—Any reference to the Under Sec-
12 retary of Defense for Personnel and Readiness in any law,
13 regulation, map, document, record, or other paper of the
14 United States shall be deemed to be a reference to the
15 Under Secretary of Defense for Personnel and Health.

16 **SEC. 907. QUALIFICATIONS FOR APPOINTMENT AND ADDI-**
17 **TIONAL DUTIES AND POWERS OF CERTAIN**
18 **OFFICIALS WITHIN THE OFFICE OF THE**
19 **UNDER SECRETARY OF DEFENSE (COMP-**
20 **TROLLER).**

21 (a) UNDER SECRETARY OF DEFENSE (COMP-
22 TROLLER).—

23 (1) QUALIFICATION FOR APPOINTMENT.—Sub-
24 section (a) of section 135 of title 10, United States
25 Code, is amended—

1 (A) by inserting “(1)” after “(a)”; and

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

4 “(2)(A) Any individual appointed as Under Secretary
5 of Defense (Comptroller) shall be an individual who—

6 “(i) has significant financial management serv-
7 ice in—

8 “(I) a Federal or State agency that re-
9 ceived an audit with an unqualified opinion on
10 such agency’s financial statements during the
11 time of such individual’s service; or

12 “(II) a public company that received an
13 audit with an unqualified opinion on such com-
14 pany’s financial statements during the time of
15 such individual’s service; or

16 “(ii) has served as chief financial officer, deputy
17 chief financial officer, or an equivalent executive-
18 level position with direct authority for financial man-
19 agement in a large public or private sector organiza-
20 tion.

21 “(B) In this paragraph, the term ‘public company’
22 has the meaning given the term ‘issuer’ in section 2(7)
23 of the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7201(7)).”.

24 (2) DUTIES AND POWERS.—Such section is fur-
25 ther amended—

1 (A) by redesignating subsections (d) and
2 (e) as subsections (e) and (f), respectively; and

3 (B) by inserting after subsection (c) the
4 following new subsection (d):

5 “(d) In addition to any duties under subsection (c),
6 the Under Secretary of Defense (Comptroller) shall, sub-
7 ject to the authority, direction, and control of the Sec-
8 retary of Defense, do the following:

9 “(1) Provide guidance and instruction on an-
10 nual performance plans and evaluations to the fol-
11 lowing:

12 “(A) The Assistant Secretaries of the mili-
13 tary departments for financial management.

14 “(B) Any other official of an agency, orga-
15 nization, or element of the Department of De-
16 fense with responsibility for financial manage-
17 ment.

18 “(2) Give directions to the military depart-
19 ments, Defense Agencies, and other organizations
20 and elements of the Department of Defense regard-
21 ing their financial statements and the audit and
22 audit readiness of such financial statements.”.

23 (b) DEPUTY CHIEF FINANCIAL OFFICER.—

24 (1) QUALIFICATION FOR APPOINTMENT.—Any
25 individual appointed as Deputy Chief Financial Offi-

1 cer of the Department of Defense shall be an indi-
2 vidual who—

3 (A) has significant financial management
4 service in—

5 (i) a Federal or State agency that re-
6 ceived an audit with an unqualified opinion
7 on such agency’s financial statements dur-
8 ing the time of such individual’s service; or

9 (ii) a public company that received an
10 audit with an unqualified opinion on such
11 company’s financial statements during the
12 time of such individual’s service; or

13 (B) has served as chief financial officer,
14 deputy chief financial officer, or an equivalent
15 executive-level position with direct authority for
16 financial management in a large public or pri-
17 vate sector organization.

18 (2) PUBLIC COMPANY DEFINED.—In this sub-
19 section, the term “public company” has the meaning
20 given the term “issuer” in section 2(7) of the Sar-
21 banes-Oxley Act of 2002 (15 U.S.C. 7201(7)).

22 (c) APPLICABILITY.—This section and the amend-
23 ments made by this section shall take effect on the date
24 of the enactment of this Act, and shall apply with respect
25 to appointments that are made on or after that date.

1 **SEC. 908. FIVE-YEAR PERIOD OF RELIEF FROM ACTIVE**
2 **DUTY AS A COMMISSIONED OFFICER OF A**
3 **REGULAR COMPONENT OF THE ARMED**
4 **FORCES FOR APPOINTMENT TO UNDER SEC-**
5 **RETARY OF DEFENSE POSITIONS.**

6 (a) UNDER SECRETARY OF DEFENSE FOR RE-
7 SEARCH AND ENGINEERING.—Effective on February 1,
8 2018, and immediately after the coming into effect of the
9 amendments made by subsection (a) of the National De-
10 fense Authorization Act for Fiscal Year 2017 (130 Stat.
11 2339), section 133a(a) of title 10, United States Code (as
12 added by such subsection (a)), is amended by striking
13 “seven years” and inserting “five years”.

14 (b) UNDER SECRETARY OF DEFENSE FOR ACQUI-
15 TION AND SUSTAINMENT.—Effective on February 1,
16 2018, and immediately after the coming into effect of the
17 amendments made by subsection (b) of the National De-
18 fense Authorization Act for Fiscal Year 2017 (130 Stat.
19 2340), section 133b(a) of title 10, United States Code (as
20 added by such subsection (b)), is amended by striking
21 “seven years” and inserting “five years”.

22 (c) UNDER SECRETARY OF DEFENSE FOR POLICY.—
23 Section 134(a) of title 10, United States Code, is amended
24 by striking “seven years” and inserting “five years”.

25 (d) UNDER SECRETARY OF DEFENSE (COMP-
26 TROLLER).—Section 135(a) of such title is amended by

1 adding at the end the following new sentence: “A person
2 may not be appointed as Under Secretary within five years
3 after relief from active duty as a commissioned officer of
4 a regular component of the armed forces.”.

5 (e) UNDER SECRETARY OF DEFENSE FOR PER-
6 SONNEL AND HEALTH.—Subsection (a) of section 136 of
7 such title, as amended by section 906(a) of this Act, is
8 further amended by adding at the end the following new
9 sentence: “A person may not be appointed as Under Sec-
10 retary within five years after relief from active duty as
11 a commissioned officer of a regular component of the
12 armed forces.”.

13 (f) UNDER SECRETARY OF DEFENSE FOR INTEL-
14 LIGENCE.—Section 137(a) of such title is amended by
15 adding at the end the following new sentence: “A person
16 may not be appointed as Under Secretary within five years
17 after relief from active duty as a commissioned officer of
18 a regular component of the armed forces.”.

19 **SEC. 909. REDESIGNATION OF PRINCIPAL DEPUTY UNDER**
20 **SECRETARIES OF DEFENSE AS DEPUTY**
21 **UNDER SECRETARIES OF DEFENSE AND RE-**
22 **LATED MATTERS.**

23 (a) REDESIGNATION.—Section 137a of title 10,
24 United States Code, is amended by striking “Principal”
25 each place it appears.

1 (b) INCREASE IN AUTHORIZED NUMBER.—Sub-
2 section (a)(1) of such section is amended by striking
3 “five” and inserting “six”.

4 (c) REPLACEMENT OF ATL POSITION WITH TWO
5 POSITIONS IN CONNECTION WITH OSD REFORM.—Sub-
6 section (c) of such section is amended—

7 (1) by redesignating paragraphs (2) through
8 (5) as paragraphs (3) through (6), respectively; and

9 (2) by striking paragraph (1) and inserting the
10 following new paragraphs:

11 “(1) One of the Deputy Under Secretaries is the Dep-
12 uty Under Secretary of Defense for Research and Engi-
13 neering.

14 “(2) One of the Deputy Under Secretaries is the Dep-
15 uty Under Secretary of Defense for Acquisition and
16 Sustainment.”.

17 (d) REDESIGNATION OF DUSD FOR PERSONNEL
18 AND READINESS AS DUSD FOR PERSONNEL AND
19 HEALTH.—Paragraph (4) of subsection (c) of such sec-
20 tion, as amended and redesignated by this section, is fur-
21 ther amended by striking “Personnel and Readiness” and
22 inserting “Personnel and Health”.

23 (e) CONFORMING AMENDMENTS.—

1 (1) OSD.—Paragraph (6) of section 131(b) of
2 title 10, United States Code, is amended to read as
3 follows:

4 “(6) The Deputy Under Secretaries of De-
5 fense.”.

6 (2) PRECEDENCE.—Section 138(d) of such title
7 is amended by striking “Principal”.

8 (f) EXECUTIVE SCHEDULE LEVEL IV.—

9 (1) IN GENERAL.—Section 5315 of title 5,
10 United States Code, is amended—

11 (A) by striking “Principal” in the items re-
12 lating to the Principal Deputy Under Secretary
13 of Defense for Policy, the Principal Deputy
14 Under Secretary of Defense (Comptroller), and
15 the Principal Deputy Under Secretary of De-
16 fense for Intelligence; and

17 (B) by striking the item relating to the
18 Principal Deputy Under Secretary of Defense
19 for Personnel and Readiness and inserting the
20 following new item:

21 “Deputy Under Secretary of Defense for Per-
22 sonnel and Health.”.

23 (2) OSD REFORM.—Section 5315 of such title
24 is further amended by inserting before the item re-
25 lating to the Deputy Under Secretary of Defense for

1 Policy, as amended by paragraph (1)(A), the fol-
2 lowing new items:

3 “Deputy Under Secretary of Defense for Re-
4 search and Engineering.

5 “Deputy Under Secretary of Defense for Acqui-
6 sition and Sustainment.”.

7 (g) CLERICAL AMENDMENTS.—

8 (1) HEADING AMENDMENT.—The heading of
9 section 137a of such title is amended to read as fol-
10 lows:

11 **“§ 137a. Deputy Under Secretaries of Defense”.**

12 (2) CLERICAL AMENDMENT.—The table of sec-
13 tions at the beginning of chapter 4 of such title is
14 amended by striking the item relating to section
15 137a and inserting the following new item:

“137a. Deputy Under Secretaries of Defense.”.

16 (h) EFFECTIVE DATES.—

17 (1) IN GENERAL.—Except as provided in para-
18 graph (2), the amendments made by this section
19 shall take effect on the date of the enactment of this
20 Act.

21 (2) ATL POSITION AMENDMENTS.—The amend-
22 ments made by subsections (b), (c), and (f)(2) of
23 this section shall take effect on February 1, 2018,
24 immediately after the coming into effect of the
25 amendments made by subsections (a) and (b) of sec-

1 tion 901 of the National Defense Authorization Act
2 for Fiscal Year 2017 (Public Law 114–328; 130
3 Stat. 2339), to which the amendments made by sub-
4 sections (b), (c), and (f)(2) of this section relate.

5 **SEC. 910. REDUCTION OF NUMBER AND ELIMINATION OF**
6 **SPECIFIC DESIGNATIONS OF ASSISTANT SEC-**
7 **RETARIES OF DEFENSE.**

8 (a) REDUCTION OF AUTHORIZED NUMBER.—Sub-
9 section (a)(1) of section 138 of title 10, United States
10 Code, is amended by striking “14” and inserting “13”.

11 (b) ELIMINATION OF CERTAIN SPECIFIC DESIGNA-
12 TIONS.—Subsection (b) of such section is amended—

13 (1) by striking paragraphs (2), (3), and (5);
14 and

15 (2) by redesignating paragraphs (4) and (6) as
16 paragraphs (2) and (3), respectively.

17 **SEC. 911. LIMITATION ON MAXIMUM NUMBER OF DEPUTY**
18 **ASSISTANT SECRETARIES OF DEFENSE.**

19 The maximum number of Deputy Assistant Secre-
20 taries of Defense after the date of the enactment of this
21 Act may not exceed 46.

1 **SEC. 912. MODIFICATION OF DEFINITION OF OSD PER-**
2 **SONNEL FOR PURPOSES OF LIMITATION ON**
3 **NUMBER OF OFFICE OF SECRETARY OF DE-**
4 **FENSE PERSONNEL.**

5 (a) MODIFICATION.—

6 (1) IN GENERAL.—Section 143(b) of title 10,
7 United States Code, as amended by section 903(a)
8 of the National Defense Authorization Act for Fiscal
9 Year 2017 (Public Law 114–328), is further amend-
10 ed by striking “and detailed personnel” and insert-
11 ing “detailed, and contractor personnel”.

12 (2) EFFECTIVE DATE.—The amendment made
13 by paragraph (1) shall take effect on October 1,
14 2018.

15 (b) REPORT ON NUMBER OF CONTRACTOR PER-
16 SONNEL IN OSD AND EACH SECRETARIATE OF THE MILI-
17 TARY DEPARTMENTS.—Not later than December 31,
18 2017, the Secretary of Defense shall submit to the con-
19 gressional defense committees a report specifying the fol-
20 lowing:

21 (1) The number of contractor personnel in the
22 Office of the Secretary of Defense as of October 1,
23 2017.

24 (2) The number of contractor personnel in each
25 office of a Secretary of a military department as of
26 October 1, 2017.

1 **Subtitle B—Organization of Other**
2 **Department of Defense Offices**
3 **and Elements**

4 **SEC. 921. REDUCTION IN AUTHORIZED NUMBER OF ASSIST-**
5 **ANT SECRETARIES OF THE MILITARY DE-**
6 **PARTMENTS.**

7 (a) ASSISTANT SECRETARIES OF THE ARMY.—Sec-
8 tion 3016(a) of title 10, United States Code, is amended
9 by striking “five” and inserting “four”.

10 (b) ASSISTANT SECRETARIES OF THE NAVY.—Sec-
11 tion 5016(a) of such title is amended by striking “four”
12 and inserting “three”.

13 (c) ASSISTANT SECRETARIES OF THE AIR FORCE.—
14 Section 8016(a) of such title is amended by striking
15 “four” and inserting “three”.

16 **SEC. 922. QUALIFICATIONS FOR APPOINTMENT OF ASSIST-**
17 **ANT SECRETARIES OF THE MILITARY DE-**
18 **PARTMENTS FOR FINANCIAL MANAGEMENT.**

19 (a) ASSISTANT SECRETARY OF THE ARMY.—Section
20 3016(b)(4) of title 10, United States Code, is amended—

21 (1) by inserting “(A)” after “(4)”;

22 (2) by striking “The Assistant Secretary shall
23 have as his principal responsibility” and inserting
24 the following:

1 “(C) The principal responsibility of the Assistant Sec-
2 retary shall be”; and

3 (3) by inserting after subparagraph (A), as des-
4 igned by paragraph (1), the following new sub-
5 paragraph (B):

6 “(B)(i) Any individual appointed as Assistant Sec-
7 retary shall be an individual who—

8 “(I) has significant financial management serv-
9 ice in—

10 “(aa) a Federal or State agency that re-
11 ceived an audit with an unqualified opinion on
12 such agency’s financial statements during the
13 time of such individual’s service; or

14 “(bb) a public company that received an
15 audit with an unqualified opinion on such com-
16 pany’s financial statements during the time of
17 such individual’s service; or

18 “(II) has served as chief financial officer, dep-
19 uty chief financial officer, or an equivalent executive-
20 level position with direct authority for financial man-
21 agement in a large public or private sector organiza-
22 tion.

23 “(ii) In this subparagraph, the term ‘public company’
24 has the meaning given the term ‘issuer’ in section 2(7)
25 of the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7201(7)).”.

1 (b) ASSISTANT SECRETARY OF THE NAVY.—Section
2 5016(b)(3) of such title is amended—

3 (1) by inserting “(A)” after “(3)”;

4 (2) by striking “The Assistant Secretary shall
5 have as his principal responsibility” and inserting
6 the following:

7 “(C) The principal responsibility of the Assistant Sec-
8 retary shall be”; and

9 (3) by inserting after subparagraph (A), as des-
10 ignated by paragraph (1), the following new sub-
11 paragraph (B):

12 “(B)(i) Any individual appointed as Assistant Sec-
13 retary shall be an individual who—

14 “(I) has significant financial management serv-
15 ice in—

16 “(aa) a Federal or State agency that re-
17 ceived an audit with an unqualified opinion on
18 such agency’s financial statements during the
19 time of such individual’s service; or

20 “(bb) a public company that received an
21 audit with an unqualified opinion on such com-
22 pany’s financial statements during the time of
23 such individual’s service; or

24 “(II) has served as chief financial officer, dep-
25 uty chief financial officer, or an equivalent executive-

1 level position with direct authority for financial man-
2 agement in a large public or private sector organiza-
3 tion.

4 “(ii) In this subparagraph, the term ‘public company’
5 has the meaning given the term ‘issuer’ in section 2(7)
6 of the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7201(7)).”.

7 (c) ASSISTANT SECRETARY OF THE AIR FORCE.—
8 Section 8016(b)(3) of such title is amended—

9 (1) by inserting “(A)” after “(3)”;

10 (2) by striking “The Assistant Secretary shall
11 have as his principal responsibility” and inserting
12 the following:

13 “(C) The principal responsibility of the Assistant Sec-
14 retary shall be”; and

15 (3) by inserting after subparagraph (A), as des-
16 ignated by paragraph (1), the following new sub-
17 paragraph (B):

18 “(B)(i) Any individual appointed as Assistant Sec-
19 retary shall be an individual who—

20 “(I) has significant financial management serv-
21 ice in—

22 “(aa) a Federal or State agency that re-
23 ceived an audit with an unqualified opinion on
24 such agency’s financial statements during the
25 time of such individual’s service; or

1 “(bb) a public company that received an
2 audit with an unqualified opinion on such com-
3 pany’s financial statements during the time of
4 such individual’s service; or

5 “(II) has served as chief financial officer, dep-
6 uty chief financial officer, or an equivalent executive-
7 level position with direct authority for financial man-
8 agement in a large public or private sector organiza-
9 tion.

10 “(ii) In this subparagraph, the term ‘public company’
11 has the meaning given the term ‘issuer’ in section 2(7)
12 of the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7201(7)).”.

13 (d) APPLICABILITY.—The amendments made by this
14 section shall take effect on the date of the enactment of
15 this Act, and shall apply with respect to appointments that
16 are made on or after that date.

17 **Subtitle C—Organization and Man-**
18 **agement of the Department of**
19 **Defense Generally**

20 **SEC. 931. REDUCTION IN LIMITATION ON NUMBER OF DE-**
21 **PARTMENT OF DEFENSE SES POSITIONS.**

22 Section 1109(a)(1) of the National Defense Author-
23 ization Act for Fiscal Year 2017 (Public Law 114–328)
24 is amended by striking “1,260” and inserting “1,140”.

1 **SEC. 932. MANNER OF CARRYING OUT REDUCTIONS IN**
2 **MAJOR DEPARTMENT OF DEFENSE HEAD-**
3 **QUARTERS ACTIVITIES.**

4 Section 346(b) of the National Defense Authorization
5 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.
6 796; 10 U.S.C. 111 note) is amended by adding at the
7 end the following new paragraph:

8 “(5) MANNER OF CARRYING OUT REDUC-
9 TIONS.—Reductions in major Department of De-
10 fense headquarters activities pursuant to the head-
11 quarters reduction plan referred to in paragraph (1),
12 as modified pursuant to that paragraph, shall be
13 carried out after a consideration of the current man-
14 power levels, historic manpower levels, mission re-
15 quirements, and anticipated staffing needs of such
16 headquarters activities necessary to meet national
17 defense objectives. Further, the plan required by
18 subsection (a) shall be modified to take into account
19 the requirement in the preceding sentence.”.

20 **SEC. 933. CERTIFICATIONS ON COST SAVINGS ACHIEVED BY**
21 **REDUCTIONS IN MAJOR DEPARTMENT OF DE-**
22 **FENSE HEADQUARTERS ACTIVITIES.**

23 Section 346(b) of the National Defense Authorization
24 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.
25 796 10 U.S.C. 111 note), as amended by section 932 of

1 this Act, is further amended by adding at the end the fol-
2 lowing new paragraph:

3 “(6) CERTIFICATIONS ON COST SAVINGS
4 ACHIEVED.—Not later than 60 days after close of
5 each of fiscal years 2017 through 2020, the Director
6 of Cost Assessment and Program Evaluation shall
7 certify to the Secretary of Defense, and to the con-
8 gressional defense committees, the following:

9 “(A) The validity of the cost savings
10 achieved for each major Department of Defense
11 headquarters activity during the fiscal year con-
12 cerned.

13 “(B) Whether the cost savings achieved for
14 each major Department of Defense head-
15 quarters activity during the fiscal year con-
16 cerned met the savings objective for such activ-
17 ity for such fiscal year, as established pursuant
18 to paragraph (1).”.

19 **SEC. 934. DIRECT HIRE AUTHORITY FOR THE DEPARTMENT**
20 **OF DEFENSE FOR PERSONNEL TO ASSIST IN**
21 **BUSINESS TRANSFORMATION AND MANAGE-**
22 **MENT INNOVATION.**

23 (a) **AUTHORITY.**—The Secretary of Defense may ap-
24 point in the Department of Defense individuals described
25 in subsection (b) without regard to the provisions of sub-

1 chapter I of chapter 33 of title 5, United States Code,
2 for the purpose of assisting and facilitating the efforts of
3 the Department in business transformation and manage-
4 ment innovation.

5 (b) COVERED INDIVIDUALS.—The individuals de-
6 scribed in this subsection are individuals who have all of
7 the following:

8 (1) A management or business background.

9 (2) Experience working with large or complex
10 organizations.

11 (3) Expertise in management and organiza-
12 tional change, data analytics, or business process de-
13 sign.

14 (c) LIMITATION ON NUMBER.—The number of indi-
15 viduals appointed pursuant to this section at any one time
16 may not exceed 25 individuals.

17 (d) NATURE OF APPOINTMENT.—Any appointment
18 under this section shall be on a term basis. The term of
19 any such appointment shall be specified by the Secretary
20 at the time of the appointment.

21 **SEC. 935. DATA ANALYTICS CAPABILITY FOR SUPPORT OF**
22 **ENHANCED OVERSIGHT AND MANAGEMENT**
23 **OF THE DEFENSE AGENCIES AND DEPART-**
24 **MENT OF DEFENSE FIELD ACTIVITIES.**

25 (a) DATA ANALYTICS CAPABILITY REQUIRED.—

1 (1) IN GENERAL.—By not later than September
2 30, 2020, the Deputy Chief Management Officer of
3 the Department of Defense shall establish and main-
4 tain within the Department of Defense a data ana-
5 lytics capability for purposes of supporting enhanced
6 oversight and management of the Defense Agencies
7 and Department of Defense Field Activities.

8 (2) DISCHARGE THROUGH SUCCESSOR POSI-
9 TION.—If the position of Deputy Chief Management
10 Officer of the Department of Defense is succeeded
11 by another position in the Department, the duties of
12 the Deputy Chief Management Officer under this
13 section shall be discharged by the occupant of such
14 succeeding position.

15 (b) ELEMENTS.—The data analytics capability shall
16 permit the following:

17 (1) The maintenance on a continuing basis of
18 an accurate tabulation of the amounts being ex-
19 pended by the Defense Agencies and Department of
20 Defense Field Activities on their personnel.

21 (2) The maintenance on a continuing basis of
22 an accurate number of the personnel currently sup-
23 porting the Defense Agencies and Field Activities,
24 including the following:

1 (A) Members of the regular components of
2 the Armed Forces.

3 (B) Members of the reserve components of
4 the Armed Forces.

5 (C) Civilian employees of the Department
6 of Defense.

7 (D) Employees of contractors of the De-
8 partment, including federally funded research
9 and development centers.

10 (E) Detailees, whether from another orga-
11 nization or element of the Department or from
12 another department or agency of the Federal
13 Government.

14 (3) The maintenance of a continuing basis of
15 the following:

16 (A) An identification of the functions being
17 performed by each Defense Agency and Field
18 Activity.

19 (B) An accurate tabulation of the amounts
20 being expended by each Defense Agency and
21 Field Activity on its functions.

22 (4) The streamlined assembly and analysis of
23 data for purposes of the capability, including
24 through appropriate automated processes.

1 (c) RESOURCES.—In establishing the data analytics
2 capability, the Deputy Chief Management Officer may use
3 the following:

4 (1) Data and information from each of the De-
5 fense Agencies and Department of Defense Field Ac-
6 tivities.

7 (2) Data and information from the Defense
8 Manpower Data Center (DMDC).

9 (3) Subject to the direction and control of the
10 Secretary of Defense, any other resources of the De-
11 partment the Deputy Chief Management Officer
12 considers appropriate.

13 (d) REPORTS.—

14 (1) INTERIM REPORT.—Not later than one year
15 after the date of the enactment of this Act, the Dep-
16 uty Chief Management Officer shall submit to the
17 congressional defense committees a report on the
18 progress of the Deputy Chief Management Officer in
19 establishing the data analytics capability. The report
20 shall include the following:

21 (A) A description and assessment of the ef-
22 forts of the Deputy Chief Management Officer
23 through the date of the report to establish the
24 data analytics capability.

1 (B) A description of current gaps in the
2 data required to establish the data analytics ca-
3 pability, and a description of the efforts to be
4 undertaken to eliminate such gaps.

5 (C) Any other matters in connection with
6 the establishment of the data analytics capa-
7 bility that the Deputy Chief Management Offi-
8 cer considers appropriate.

9 (2) FINAL REPORT.—Not later than December
10 31, 2020, the Deputy Chief Management Officer
11 shall submit to the congressional defense committees
12 a report on the data analytics capability as estab-
13 lished pursuant to this section. The report shall in-
14 clude the following:

15 (A) A description and assessment of the
16 data analytics capability.

17 (B) Any other matters in connection with
18 the data analytics capability that the Deputy
19 Chief Management Officer considers appro-
20 priate.

21 **SEC. 936. ENHANCED USE OF DATA ANALYTICS TO IM-**
22 **PROVE ACQUISITION PROGRAM OUTCOMES.**

23 (a) IN GENERAL.—Not later than one year after the
24 date of the enactment of this Act, the Secretary of Defense
25 shall, acting jointly through the Deputy Chief Manage-

1 ment Officer and the Chief Information Officer of the De-
2 partment of Defense, and in coordination with the Under
3 Secretary of Defense for Acquisition, Technology, and Lo-
4 gistics and the Armed Forces, establish a set of activities
5 that use data analysis, measurement, and other evalua-
6 tion-related methods to improve the acquisition outcomes
7 of the Department of Defense and enhance organizational
8 learning.

9 (b) ACTIVITIES.—

10 (1) IN GENERAL.—The set of activities estab-
11 lished under subsection (a) may include the fol-
12 lowing:

13 (A) Establishment of data analytics capa-
14 bilities and organizations within the appropriate
15 military service.

16 (B) Development of capabilities in Depart-
17 ment of Defense laboratories, test centers, and
18 Federally funded research and development cen-
19 ters to provide technical support for data ana-
20 lytics activities that support acquisition pro-
21 gram management and business process re-en-
22 gineering activities.

23 (C) Increased use of existing analytical ca-
24 pabilities available to acquisition programs and

1 offices to support improved acquisition out-
2 comes.

3 (D) Funding of intramural and extramural
4 research and development activities to develop
5 and implement data analytics capabilities in
6 support of improved acquisition outcomes.

7 (E) Publication, to the maximum extent
8 practicable, and in a manner that protects clas-
9 sified and proprietary information, of data col-
10 lected by the Department related to acquisition
11 program costs and activities for access and
12 analyses by the general public.

13 (F) Clarification by the Chief of Staff of
14 the Army, the Chief of Naval Operations, the
15 Chief of Staff of the Air Force, and the Com-
16 mandant of the Marine Corps, in coordination
17 with the Under Secretary of Defense for Acqui-
18 sition, Technology, and Logistics, of a con-
19 sistent policy as to the role of data analytics in
20 establishing budgets and making milestone deci-
21 sions for major defense acquisition programs.

22 (G) Continual assessment, in consultation
23 with the private sector, of the efficiency of cur-
24 rent data collection and analyses processes, so
25 as to minimize the requirement for collection

1 and delivery of data by, from, and to govern-
2 ment organizations.

3 (H) Promulgation of guidance to acquisi-
4 tion programs and activities on the efficient use
5 and sharing of data between programs and or-
6 ganizations to improve acquisition program
7 analytics and outcomes.

8 (I) Promulgation of guidance on assessing
9 and enhancing quality of data and data anal-
10 yses to support improved acquisition outcomes.

11 (2) GAP ANALYSIS OF CURRENT ACTIVITIES.—

12 The Secretary shall, in coordination with the Armed
13 Forces, identify the current activities, organizations,
14 and groups of personnel that are pursuing tasks
15 similar to those described in paragraph (1) that are
16 being carried out as of the date of the enactment of
17 this Act. The Secretary shall consider such current
18 activities, organizations, and personnel in deter-
19 mining the set of activities to establish pursuant to
20 subsection (a).

21 (3) TRAINING AND EDUCATION.—The Secretary
22 shall, acting through the Under Secretary of De-
23 fense for Acquisition, Technology, and Logistics,
24 conduct a review of the curriculum taught at the
25 National Defense University, the Defense Acquisi-

1 tion University, and appropriate private sector aca-
2 demic institutions to determine the extent to which
3 the curricula include appropriate courses on data
4 analytics and other evaluation-related methods and
5 their application to defense acquisitions.

6 (c) DISCHARGE OF CERTAIN DUTIES.—After Janu-
7 ary 31, 2018—

8 (1) any duties under this section to be dis-
9 charged by the Deputy Chief Management Officer of
10 the Department of Defense shall be discharged by
11 the Chief Management Officer of the Department of
12 Defense; and

13 (2) any duties under this section to be dis-
14 charged by the Under Secretary of Defense for Ac-
15 quisition, Technology, and Logistics shall be dis-
16 charged by the Under Secretary of Defense for Ac-
17 quisition and Sustainment.

18 **SEC. 937. PILOT PROGRAMS ON DATA INTEGRATION STRAT-**
19 **EGIES FOR THE DEPARTMENT OF DEFENSE.**

20 (a) PILOT PROGRAMS REQUIRED.—The Secretary of
21 Defense shall, acting through the Chief Management Offi-
22 cer of the Department of Defense, carry out pilot pro-
23 grams to develop data integration strategies for the De-
24 partment of Defense to address high-priority challenges
25 of the Department.

1 (b) SCOPE OF PILOT PROGRAMS.—The pilot pro-
2 grams required by subsection (a) shall involve data inte-
3 gration strategies to address challenges of the Department
4 with respect to the following:

5 (1) The budget of the Department.

6 (2) Logistics.

7 (3) Personnel security and insider threats.

8 (4) At least two other high-priority challenges
9 of the Department identified by the Secretary for
10 purposes of this section.

11 (c) ELEMENTS.—In developing a data integration
12 strategy to address a challenge of the Department for pur-
13 poses of a pilot program under this section, the Secretary
14 shall do the following:

15 (1) Identify the elements of the Department,
16 and the officials of such elements, to be involved in
17 carrying out the data integration strategy.

18 (2) Specify the elements of the data integration
19 strategy.

20 (3) Specify the policies of the Department, if
21 any, to be modified or waived in order to facilitate
22 the carrying out of the data integration strategy by
23 enabling timely and continuous sharing of informa-
24 tion needed to solve the challenge concerned.

25 (d) REPORT.—

1 (1) IN GENERAL.—Not later than 180 days
2 after the date of the enactment of this Act, the Sec-
3 retary shall submit to the congressional defense com-
4 mittees a report on the pilot programs to be carried
5 out under this section.

6 (2) ELEMENTS.—The report shall include the
7 following:

8 (A) A description of each pilot program,
9 including the challenge of the Department to be
10 addressed by such pilot program and the man-
11 ner in which the data integration strategy
12 under such pilot program will address the chal-
13 lenge.

14 (B) If the carrying out of any pilot pro-
15 gram requires legislative action for the waiver
16 or modification of a statutory requirement that
17 prevents or impedes the carrying out of the
18 pilot program, a recommendation for legislative
19 action to waive or modify such statutory re-
20 quirement.

21 **SEC. 938. BACKGROUND AND SECURITY INVESTIGATIONS**

22 **FOR DEPARTMENT OF DEFENSE PERSONNEL.**

23 (a) TRANSITION TO DISCHARGE BY DEFENSE SECU-
24 RITY SERVICE.—

1 (1) IN GENERAL.—The Secretary of Defense
2 has the authority to conduct security, suitability,
3 and credentialing background investigations. In car-
4 rying out such authority, the Secretary may use
5 such authority, or may delegate such authority to
6 another entity. As part of providing for the conduct
7 of background investigations initiated by the Depart-
8 ment of Defense through the Defense Security Serv-
9 ice by not later than the deadline specified in sub-
10 section (b), the Secretary shall, in consultation with
11 the Director of the Office of Personnel Management,
12 provide for a phased transition from the conduct of
13 such investigations by the National Background In-
14 vestigations Bureau (NBIB) of the Office of Per-
15 sonnel Management to the conduct of such investiga-
16 tions by the Defense Security Service by that dead-
17 line.

18 (2) PHASED TRANSITION.—The phased transi-
19 tion required by paragraph (1) shall—

20 (A) provide for the transition of the con-
21 duct of investigations to the Defense Security
22 Service using a risk management approach; and

23 (B) be consistent with the transition from
24 legacy information technology operated by the
25 Office of Personnel Management to the new in-

1 formation technology, including the National
2 Background Investigations System, as described
3 in subsection (f).

4 (b) COMMENCEMENT OF IMPLEMENTATION PLAN
5 FOR ONGOING DISCHARGE OF INVESTIGATIONS THROUGH
6 DSS.—Not later than October 1, 2020, the Secretary of
7 Defense shall commence carrying out the implementation
8 plan developed pursuant to section 951(a)(1) of the Na-
9 tional Defense Authorization Act for Fiscal Year 2017
10 (Public Law 114–328; 130 Stat. 2371).

11 (c) TRANSFER OF CERTAIN FUNCTIONS WITHIN
12 DoD TO DSS.—

13 (1) IN GENERAL.—For purposes of meeting the
14 requirements in subsections (a) and (b), the Sec-
15 retary of Defense shall transfer the functions, per-
16 sonnel, and associated resources of the organizations
17 specified in paragraph (2) to the Defense Security
18 Service.

19 (2) ORGANIZATIONS.—The organizations speci-
20 fied in this paragraph are the following:

21 (A) The Consolidated Adjudications Facil-
22 ity.

23 (B) The Personnel Security Assurance Di-
24 vision of the Defense Manpower Data Center.

1 (C) Other organizations identified by the
2 Secretary for purposes of this subsection.

3 (3) SUPPORTING ORGANIZATIONS.—In addition
4 to the organizations identified pursuant to (2), the
5 following organizations shall prioritize resources to
6 directly support the execution of requirements in
7 subsections (a) and (b):

8 (A) The Office of Cost Analysis and Pro-
9 gram Evaluation.

10 (B) The Defense Digital Services.

11 (C) Other organizations designated by the
12 Secretary for purposes of this paragraph.

13 (4) TIMING AND MANNER OF TRANSFER.—The
14 Secretary—

15 (A) may carry out the transfer required by
16 paragraph (1) at any time before the date spec-
17 ified in subsection (b) that the Secretary con-
18 siders appropriate for purposes of this section;
19 and

20 (B) shall carry out the transfer in a man-
21 ner designed to minimize disruptions to the
22 conduct of background investigations for per-
23 sonnel of the Department of Defense.

24 (d) TRANSFER OF CERTAIN FUNCTIONS IN OPM TO
25 DSS.—

1 (1) IN GENERAL.—For purposes of meeting the
2 requirements in subsections (a) and (b), the Sec-
3 retary of Defense shall, in consultation with the Di-
4 rector of the Office of Personnel Management, pro-
5 vide for the transfer of the functions described in
6 paragraph (2), and any associated personnel and re-
7 sources, to the Department of Defense.

8 (2) FUNCTIONS.—The functions described in
9 this paragraph are the following:

10 (A) Any personnel security investigations
11 functions transferred by the Secretary to the
12 Director pursuant to section 906 of the Na-
13 tional Defense Authorization Act for Fiscal
14 Year 2004 (5 U.S.C. 1101 note).

15 (B) Any other functions of the Office of
16 Personnel Management in connection with
17 background investigations initiated by the De-
18 partment of Defense that the Secretary and the
19 Director jointly consider appropriate.

20 (3) LOCATION WITHIN DOD.—Any functions
21 transferred to the Department pursuant to this sub-
22 section shall be located within the Defense Security
23 Service.

24 (e) CONDUCT OF CERTAIN ACTIONS.—For purposes
25 of the conduct of background investigations following the

1 commencement of the carrying out of the implementation
2 plan referred to in subsection (b), the Secretary of Defense
3 shall provide for the following:

4 (1) A single capability for the centralized fund-
5 ing, submissions, and processing of all background
6 investigations, from within the Defense Security
7 Service.

8 (2) The discharge by the Consolidated Adju-
9 dications Facility, from within the Defense Security
10 Service pursuant to transfer under subsection (c), of
11 adjudications in connection with the following:

12 (A) Background investigations.

13 (B) Continuous evaluation and vetting
14 checks.

15 (f) ENHANCEMENT OF INFORMATION TECHNOLOGY
16 CAPABILITIES OF NBIS.—

17 (1) IN GENERAL.—The Secretary of Defense
18 shall, in consultation with the Director of the Office
19 of Personnel Management, conduct a review of the
20 information technology capabilities of the National
21 Background Investigations System (NBIS) in order
22 to determine whether enhancements to such capabili-
23 ties are required for the following:

24 (A) Support for background investigations
25 pursuant to this section and section 951 of the

1 National Defense Authorization Act for Fiscal
2 Year 2017.

3 (B) Support of the National Background
4 Investigations Bureau.

5 (C) Execution of the conduct of back-
6 ground investigations initiated by the Depart-
7 ment of Defense pursuant to this section, in-
8 cluding submissions and adjudications.

9 (2) COMMON COMPONENT.—In providing for
10 the transition and operation of the System as de-
11 scribed in paragraph (1)(C), the Secretary shall, in
12 consultation with the Director, develop a common
13 component of the System usable for background in-
14 vestigations by both the Defense Security Service
15 and the National Background Investigations Bu-
16 reau.

17 (3) ENHANCEMENTS.—If the review pursuant
18 to paragraph (1) determines that enhancements de-
19 scribed in that paragraph are required, the Sec-
20 retary shall, in consultation with the Director, carry
21 out such enhancements.

22 (g) USE OF CERTAIN PRIVATE INDUSTRY DATA.—
23 In carrying out background and security investigations
24 pursuant to this section and section 951 of the National
25 Defense Authorization Act for Fiscal Year 2017, the Sec-

1 retary of Defense may use background materials collected
2 on individuals by the private sector, in accordance with
3 national policies and standards, that are applicable to such
4 investigations, including materials as follows:

5 (1) Financial information, including credit
6 scores and credit status.

7 (2) Criminal records.

8 (3) Drug screenings.

9 (4) Verifications of information on resumes and
10 employment applications (such as previous employ-
11 ers, educational achievement, and educational insti-
12 tutions attended).

13 (5) Other publicly available electronic informa-
14 tion.

15 (h) SECURITY CLEARANCES FOR CONTRACTOR PER-
16 SONNEL.—

17 (1) IN GENERAL.—The Secretary of Defense
18 shall review the requirements of the Department of
19 Defense relating to position sensitivity designations
20 for contractor personnel in order to determine
21 whether such requirements may be reassessed or
22 modified to reduce the number and range of con-
23 tractor personnel who are issued security clearances
24 in connection with work under contracts with the
25 Department.

1 (2) GUIDANCE.—The Secretary shall issue
2 guidance to program managers, contracting officers,
3 and security personnel of the Department specifying
4 requirements for the review of contractor position
5 sensitivity designations and the number of con-
6 tractor personnel of the Department who are issued
7 security clearances for the purposes of determining
8 whether the number of such personnel who are
9 issued security clearances should and can be re-
10 duced.

11 (i) PERSONNEL TO SUPPORT THE TRANSFER OF
12 FUNCTIONS.—The Secretary of Defense shall authorize
13 the Director of the Defense Security Service to promptly
14 increase personnel for the purpose of beginning the estab-
15 lishment and expansion of investigative capacity to sup-
16 port the phased transfer of investigative functions from
17 the Office of Personnel Management to the Department
18 of Defense under this section. The Director of Cost Anal-
19 ysis and Program Assessment shall advise the Secretary
20 on the size of the initial investigative workforce and the
21 rate of growth of that workforce.

22 (j) BRIEFINGS AND REPORTS.—

23 (1) REPORT ON FUTURE PERIODIC REINVES-
24 TIGATIONS, INSIDER THREAT, AND CONTINUOUS
25 VETTING.—Not later than 90 days after the date of

1 the enactment of this Act, the Secretary of Defense
2 shall, in consultation with the Director of National
3 Intelligence and the Director of the Office of Per-
4 sonnel Management, submit to Congress a report
5 that includes the following:

6 (A) An assessment of the feasibility and
7 advisability of periodic reinvestigations of back-
8 grounds of Government and contractor per-
9 sonnel with security clearances.

10 (B) A plan to provide the Government with
11 an enhanced risk management model which re-
12 duces the gaps in coverage perpetuated by the
13 current time-based periodic reinvestigations
14 model, particularly in light of the increasing use
15 of continuous background evaluations of such
16 personnel.

17 (C) A plan for expanding continuous back-
18 ground vetting capabilities such as the Installa-
19 tion Matching Engine for Security and Analysis
20 to the broader population, including those at
21 the lowest Tiers and levels of access, which plan
22 shall include details to ensure that all individ-
23 uals credentialed for physical access to Depart-
24 ment of Defense facilities and installations are
25 vetted to the same level of fitness determina-

1 tions and subject to appropriate continuous vet-
2 ting.

3 (D) A plan to fully integrate and incor-
4 porate insider threat data, tools, and capabili-
5 ties into the new end-to-end vetting processes
6 and supporting information technology estab-
7 lished by the Defense Security Service to ensure
8 a holistic and transformational approach to de-
9 tecting, deterring, and mitigating threats posed
10 by trusted insiders.

11 (2) QUARTERLY BRIEFINGS.—Not later than
12 the end of each calendar year quarter after the date
13 of the enactment of this Act, the Secretary of De-
14 fense shall provide the Committees on Armed Serv-
15 ices of the Senate and the House of Representatives
16 a briefing on the progress of the Secretary in car-
17 rying out the requirements of this section during
18 such calendar year quarter. Until the backlog of se-
19 curity clearance applications at the National Back-
20 ground Investigations Bureau is eliminated, each
21 quarterly briefing shall also include the current sta-
22 tus of the backlog and the resulting mission and re-
23 source impact to the Department of Defense and the
24 defense industrial base.

1 (3) ANNUAL REPORTS.—Not later than the end
2 of each calendar year after the date of the enact-
3 ment of this Act, the Secretary shall submit to the
4 committees of Congress referred to in paragraph (2)
5 a report on the following for the calendar year in
6 which such report is to be submitted:

7 (A) The status of the Secretary in meeting
8 the requirements in subsections (a), (b), and (c)
9 as of the end of such calendar year.

10 (B) The status as of the end of such cal-
11 endar year of any transfers to be carried out
12 pursuant to subsection (d).

13 (C) An assessment of the personnel secu-
14 rity capabilities of the Department of Defense
15 as of the end of such calendar year.

16 (4) TERMINATION.—No briefing or report is re-
17 quired pursuant to paragraph (2) or (3) after De-
18 cember 31, 2020.

19 **Subtitle D—Other Matters**

20 **SEC. 951. TRANSFER OF LEAD OF GUAM OVERSIGHT COUN-** 21 **CIL FROM THE DEPUTY SECRETARY OF DE-** 22 **FENSE TO THE SECRETARY OF THE NAVY.**

23 (a) TRANSFER.—Section 5013 of title 10, United
24 States Code, is amended by adding at the end the fol-
25 lowing new subsection:

1 “(h) Until September 30, 2020, the Secretary of the
2 Navy shall lead the Guam Oversight Council and shall be
3 the principal representative of the Department of Defense
4 for coordinating the interagency efforts in matters relating
5 to Guam, including the following executive orders:

6 “(1) Executive Order No. 13299 of May 12,
7 2003 (68 Fed. Reg. 25477; 48 U.S.C. note prec.
8 1451; relating to the Interagency Group on Insular
9 Affairs).

10 “(2) Executive Order No. 12788 of January 15,
11 1992, as amended (57 Fed. Reg. 2213; relating to
12 the Defense Economic Adjustment Program).”.

13 (b) REPEAL OF SUPERSEDED AUTHORITY.—Section
14 132 of such title is amended by striking subsection (e).

15 **SEC. 952. CORROSION CONTROL AND PREVENTION EXECU-**
16 **TIVES MATTERS.**

17 (a) SCOPE AND LEVEL OF POSITIONS.—Subsection
18 (a) of section 903 of the Duncan Hunter National Defense
19 Authorization Act for Fiscal Year 2009 (10 U.S.C. 2228
20 note) is amended—

21 (1) by striking “shall be the senior official” and
22 inserting “shall be a senior official”; and

23 (2) by adding at the end the following new sen-
24 tence: “Each individual so designated shall be a sen-

1 ior civilian employee of the military department con-
2 cerned in pay grade GS-15 or higher.”.

3 (b) QUALIFICATIONS.—Such section is further
4 amended—

5 (1) by redesignating subsection (b) as sub-
6 section (c); and

7 (2) by inserting after subsection (a) the fol-
8 lowing new subsection (b):

9 “(b) QUALIFICATIONS.—Any individual designated as
10 a corrosion control and prevention executive of a military
11 department pursuant to subsection (a) shall—

12 “(1) have a working knowledge of corrosion
13 prevention and control;

14 “(2) have strong program management and
15 communication skills; and

16 “(3) understand the acquisition, research, de-
17 velopment, test, and evaluation, and sustainment
18 policies and procedures of the military department,
19 including for the sustainment of infrastructure.”.

20 **TITLE X—GENERAL PROVISIONS**

21 **Subtitle A—Financial Matters**

22 **SEC. 1001. GENERAL TRANSFER AUTHORITY.**

23 (a) AUTHORITY TO TRANSFER AUTHORIZATIONS.—

24 (1) AUTHORITY.—Upon determination by the
25 Secretary of Defense that such action is necessary in

1 the national interest, the Secretary may transfer
2 amounts of authorizations made available to the De-
3 partment of Defense in this division for fiscal year
4 2018 between any such authorizations for that fiscal
5 year (or any subdivisions thereof). Amounts of au-
6 thorizations so transferred shall be merged with and
7 be available for the same purposes as the authoriza-
8 tion to which transferred.

9 (2) LIMITATION.—Except as provided in para-
10 graph (3), the total amount of authorizations that
11 the Secretary may transfer under the authority of
12 this section may not exceed \$4,000,000,000.

13 (3) EXCEPTION FOR TRANSFERS BETWEEN
14 MILITARY PERSONNEL AUTHORIZATIONS.—A trans-
15 fer of funds between military personnel authoriza-
16 tions under title IV shall not be counted toward the
17 dollar limitation in paragraph (2).

18 (b) LIMITATIONS.—The authority provided by sub-
19 section (a) to transfer authorizations—

20 (1) may only be used to provide authority for
21 items that have a higher priority than the items
22 from which authority is transferred; and

23 (2) may not be used to provide authority for an
24 item that has been denied authorization by Con-
25 gress.

1 (c) EFFECT ON AUTHORIZATION AMOUNTS.—A
2 transfer made from one account to another under the au-
3 thority of this section shall be deemed to increase the
4 amount authorized for the account to which the amount
5 is transferred by an amount equal to the amount trans-
6 ferred.

7 (d) NOTICE TO CONGRESS.—The Secretary shall
8 promptly notify Congress of each transfer made under
9 subsection (a).

10 **SEC. 1002. CALCULATIONS FOR PAYMENTS INTO DEPART-**
11 **MENT OF DEFENSE MILITARY RETIREMENT**
12 **FUND USING SINGLE LEVEL PERCENTAGE OF**
13 **BASIC PAY DETERMINED ON ARMED FORCE-**
14 **WIDE RATHER THAN ARMED FORCES-WIDE**
15 **BASIS.**

16 Section 1465 of title 10, United States Code, is
17 amended—

18 (1) in subsection (c)(1), in the flush matter at
19 the end of paragraph (1), by striking “Such single
20 level” and inserting “Except as otherwise provided
21 in subsection (d), such single level”;

22 (2) by redesignating subsections (d) and (e) as
23 subsections (e) and (f), respectively; and

24 (3) by inserting after subsection (c) the fol-
25 lowing new subsection (d):

1 “(d)(1) Notwithstanding subsection (c), in any actu-
2 arial valuation of Department of Defense military retire-
3 ment and survivor benefits programs for purposes of a fis-
4 cal year beginning after fiscal year 2018—

5 “(A) the determination made pursuant to sub-
6 section (c)(1)(A) shall be a single level percentage of
7 basic pay for active duty for each armed force (other
8 than the Coast Guard) and for each of the Army
9 National Guard and the Air National Guard for full-
10 time National Guard duty (rather than the single
11 level percentage of basic pay otherwise required by
12 that subsection); and

13 “(B) the determination made pursuant to sub-
14 section (c)(1)(B) shall be a single level percentage of
15 basic pay and of compensation for members of the
16 Selected Reserve of each armed force (other than the
17 Coast Guard) (rather than the single level percent-
18 age of basic pay and of compensation otherwise re-
19 quired by that subsection).

20 “(2) In making calculations for purposes of sub-
21 section (b)(1) for fiscal years after fiscal year 2018—

22 “(A) the Secretary of Defense—

23 “(i) shall not use the single level percent-
24 age of basic pay determined under subsection

1 (c)(1)(A) as provided for in subsection
2 (b)(1)(A)(i); but

3 “(ii) shall use for purposes of subsection
4 (b)(1)(A)(i) each separate single level percent-
5 age of basic pay determined under paragraph
6 (1)(A) for each armed force and for each of the
7 Army National Guard and the Air National
8 Guard; and

9 “(B) the Secretary of Defense—

10 “(i) shall not use the single level percent-
11 age of basic pay and of compensation deter-
12 mined under subsection (c)(1)(B) as provided
13 for in subsection (b)(1)(B)(i); but

14 “(ii) shall use for purposes of subsection
15 (b)(1)(B)(i) each separate single level percent-
16 age of basic pay and of compensation deter-
17 mined under paragraph (1)(B) for each armed
18 force.

19 “(3) In making calculations for purposes of section
20 1466(a) of this title for purposes of deposits into the Fund
21 for months in fiscal years after fiscal year 2018—

22 “(A) the Secretary of Defense—

23 “(i) shall not use the single level percent-
24 age of basic pay determined under subsection

1 (c)(1)(A) as provided for in section
2 1466(a)(1)(A) of this title; but

3 “(ii) shall use for purposes of section
4 1466(a)(1)(A) of this title each separate single
5 level percentage of basic pay determined under
6 paragraph (1)(A) for each armed force and for
7 each of the Army National Guard and the Air
8 National Guard; and

9 “(B) the Secretary of Defense—

10 “(i) shall not use the single level percent-
11 age of basic pay and of compensation deter-
12 mined under subsection (c)(1)(B) as provided
13 for in section 1466(a)(2)(A) of this title; but

14 “(ii) shall use for purposes of section
15 1466(a)(2)(A) each separate single level per-
16 centage of basic pay and of compensation deter-
17 mined under paragraph (1)(B) for each armed
18 force.”.

19 **SEC. 1003. CERTIFICATIONS ON AUDIT READINESS OF THE**
20 **DEPARTMENT OF DEFENSE AND THE MILI-**
21 **TARY DEPARTMENTS, DEFENSE AGENCIES,**
22 **AND OTHER ORGANIZATIONS AND ELEMENTS**
23 **OF THE DEPARTMENT OF DEFENSE.**

24 (a) DEPARTMENT OF DEFENSE.—Not later than
25 September 30, 2017, and each year thereafter, the Sec-

1 retary of Defense shall certify to the congressional defense
2 committees whether or not the full financial statements
3 of the Department of Defense are audit ready as of the
4 date of such certification.

5 (b) MILITARY DEPARTMENTS, DEFENSE AGENCIES,
6 AND OTHER ORGANIZATIONS AND ELEMENTS.—

7 (1) IN GENERAL.—Not later than September
8 30, 2017, and each year thereafter, each Secretary
9 of a military department, each head of a Defense
10 Agency, and each head of any other organization or
11 element of the Department of Defense designated by
12 the Secretary of Defense for purposes of this sub-
13 section shall certify to the congressional defense
14 committees whether or not the full financial state-
15 ments of the military department, the Defense Agen-
16 cy, or the organization or element concerned became
17 audit ready during the fiscal year in which such cer-
18 tification is to be submitted.

19 (2) TRANSMITTAL THROUGH SECRETARY OF
20 DEFENSE.—The individual certifications required by
21 this subsection shall be transmitted to the congres-
22 sional defense committees collectively by the Sec-
23 retary under procedures established by the Secretary
24 for purposes of this subsection.

1 (c) TERMINATION ON RECEIPT OF AUDIT OPINION
2 ON FULL FINANCIAL STATEMENTS.—A certification is no
3 longer required under subsection (a) or (b) with respect
4 to the Department of Defense, or a military department,
5 Defense Agency, or organization or element of the Depart-
6 ment, as applicable, after the Department of Defense or
7 such military department, Defense Agency, or organiza-
8 tion or element receives an audit opinion on its full finan-
9 cial statements.

10 (d) AUDIT READY DEFINED.—In this section, the
11 term “audit ready”, with respect to the full financial state-
12 ments of the Department of Defense, a military depart-
13 ment, a Defense Agency, or another organization or ele-
14 ment of the Department of Defense, means that the De-
15 partment of Defense, the military department, the De-
16 fense Agency, or the organization or element has in place
17 critical audit capabilities and associated infrastructure to
18 successfully start and support a financial audit of its full
19 financial statements.

20 **SEC. 1004. FAILURE TO OBTAIN AUDIT OPINION ON FISCAL**
21 **YEAR FULL FINANCIAL STATEMENTS OF THE**
22 **DEPARTMENT OF DEFENSE.**

23 (a) REDUCTION IN BASIC PAY OF MILITARY SECRE-
24 TARIES FOR FAILURE TO OBTAIN AUDIT OPINION ON
25 FULL FINANCIAL STATEMENTS FOR FISCAL YEARS 2018

1 AND THEREAFTER.—If the Department of Defense does
2 not obtain an audit opinion on its full financial statements
3 for fiscal year 2018, or any fiscal year thereafter, by
4 March 31 of the succeeding calendar year, the annual rate
5 of basic pay payable for each Secretary of a military de-
6 partment for the calendar year next following such suc-
7 ceeding calendar year shall be the annual rate of basic
8 pay for positions at level III of the Executive Schedule
9 pursuant to section 5313 of title 5, United States Code,
10 rather than the annual rate of basic pay otherwise pro-
11 vided for the positions of Secretary of a military depart-
12 ment by law.

13 (b) REVIEW AND RECOMMENDATIONS ON EFFORTS
14 TO OBTAIN AUDIT OPINION ON FULL FINANCIAL STATE-
15 MENTS FOR FISCAL YEAR 2018 BY MARCH 31, 2019.—

16 (1) IN GENERAL.—If the Department does not
17 obtain an audit opinion on its full financial state-
18 ments for fiscal year 2018 by March 31, 2019, the
19 Secretary of Defense shall establish within the De-
20 partment a team of distinguished, private sector ex-
21 perts with experience conducting financial audits of
22 large public or private sector organizations to review
23 and make recommendations to improve the efforts of
24 the Department to obtain an audit opinion on its
25 full financial statements.

1 (2) SCOPE OF ACTIVITIES.—The team estab-
2 lished pursuant to paragraph (1) shall—

3 (A) identify impediments to the progress of
4 the Department in obtaining an audit opinion
5 on its full financial statements, including an
6 identification of the organizations or elements
7 that are lagging in their efforts toward obtain-
8 ing such audit opinion;

9 (B) estimate when an audit opinion on the
10 full financial statements of the Department will
11 be obtained; and

12 (C) consider mechanisms and incentives to
13 support efficient achievement by the Depart-
14 ment of its audit goals, including organizational
15 mechanisms to transfer direction and manage-
16 ment control of audit activities from subordi-
17 nate organizations to the Office of the Sec-
18 retary of Defense, individual personnel incen-
19 tives, workforce improvements (including in
20 senior leadership positions), business process,
21 technology, and systems improvements (includ-
22 ing the use of data analytics), and metrics by
23 which the Secretary and Congress may measure
24 and assess progress toward achievement of the
25 audit goals of the Department.

1 (3) REPORT.—If the Secretary takes action
2 pursuant to paragraph (1), the Secretary shall, not
3 later than September 30, 2019, submit to the con-
4 gressional defense committees a report on the team
5 established pursuant to that paragraph, including a
6 description of the actions taken and to be taken by
7 the team pursuant to paragraph (2).

8 **SEC. 1005. IMPROPER PAYMENT MATTERS.**

9 Subject to the authority, direction, and control of the
10 Secretary of Defense, the Under Secretary of Defense
11 (Comptroller) shall take the following actions:

12 (1) With regard to estimating improper pay-
13 ments:

14 (A) Establish and implement key quality
15 assurance procedures, such as reconciliations, to
16 ensure the completeness and accuracy of sam-
17 pled populations.

18 (B) Revise the procedures for the sampling
19 methodologies of the Department of Defense so
20 that such procedures—

21 (i) comply with Office of Management
22 and Budget guidance and generally accept-
23 ed statistical standards;

24 (ii) produce statistically valid im-
25 proper payment error rates, statistically

1 valid improper payment dollar estimates,
2 and appropriate confidence intervals for
3 both; and

4 (iii) in meeting clauses (i) and (ii),
5 take into account the size and complexity
6 of the transactions being sampled.

7 (2) With regard to identifying programs suscep-
8 tible to significant improper payments, conduct a
9 risk assessment that complies with the Improper
10 Payments Elimination and Recovery Act of 2010
11 (Public Law 111–204) and the amendments made
12 by that Act (in this section collectively referred to as
13 “IPERA”).

14 (3) With regard to reducing improper pay-
15 ments, establish procedures that produce corrective
16 action plans that—

17 (A) comply fully with IPERA and associ-
18 ated Office of Management and Budget guid-
19 ance, including by holding individuals respon-
20 sible for implementing corrective actions and
21 monitoring the status of corrective actions; and

22 (B) are in accordance with best practices,
23 such as those recommended by the Chief Finan-
24 cial Officers Council, including by providing
25 for—

1 (i) measurement of the progress made
2 toward remediating root causes of im-
3 proper payments; and

4 (ii) communication to the Secretary of
5 Defense and the heads of departments,
6 agencies, and organizations and elements
7 of the Department of Defense, and key
8 stakeholders, on the progress made toward
9 remediating the root causes of improper
10 payments.

11 (4) With regard to implementing recovery au-
12 dits for improper payments, develop and implement
13 procedures to—

14 (A) identify costs related to the recovery
15 audits and recovery efforts of the Department
16 of Defense; and

17 (B) evaluate improper payment recovery
18 efforts in order to ensure that they are cost ef-
19 fective.

20 (5) Monitor the implementation of the revised
21 chapter of the Financial Management Regulations
22 on recovery audits in order to ensure that the De-
23 partment of Defense, the military departments, the
24 Defense Agencies, and the other organizations and
25 elements of the Department of Defense either con-

1 duct recovery audits or demonstrate that it is not
2 cost effective to do so.

3 (6) Develop and submit to the Office of Man-
4 agement and Budget for approval a payment recap-
5 ture audit plan that fully complies with Office of
6 Management and Budget guidance.

7 (7) With regard to reporting on improper pay-
8 ments, design and implement procedures to ensure
9 that the annual improper payment and recovery
10 audit reporting of the Department of Defense is
11 complete, accurate, and complies with IPERA and
12 associated Office of Management and Budget guid-
13 ance.

14 **SEC. 1006. FINANCIAL OPERATIONS DASHBOARD FOR THE**
15 **DEPARTMENT OF DEFENSE.**

16 (a) FINANCIAL OPERATIONS DASHBOARD.—

17 (1) IN GENERAL.—The Under Secretary of De-
18 fense (Comptroller) shall develop and maintain on
19 an Internet website available to Federal Government
20 agencies a tool (commonly referred to as a “dash-
21 board)” to permit Federal Government officials to
22 track key indicators of the financial performance of
23 the Department of Defense, including outstanding
24 accounts payable, abnormal accounts payable, out-
25 standing advances, unmatched disbursements, ab-

1 normal undelivered orders, negative unliquidated ob-
2 ligations, violations of sections 1341 and 1517(a) of
3 title 31, United States Code (commonly referred to
4 as the “Anti-Deficiency Act”), costs deriving from
5 payment delays, interest penalty payments, and im-
6 proper payments, and actual savings realized
7 through interest payments made, discounts for time-
8 ly or advanced payments, and other financial man-
9 agement and improvement initiatives.

10 (2) INFORMATION COVERED.—The tool shall
11 cover financial performance information for the mili-
12 tary departments, the defense agencies, and any
13 other organizations or elements of the Department
14 of Defense.

15 (3) TRACKING OF PERFORMANCE OVER TIME.—
16 The tool shall permit the tracking of financial per-
17 formance over time, including by month, quarter,
18 and year, and permit users of the tool to export both
19 current and historical data on financial performance.

20 (4) UPDATES.—The information covered by the
21 tool shall be updated not less frequently than month-
22 ly.

23 (b) ANNUAL REPORT ON VALUE CREATED BY IM-
24 PROVED FINANCIAL MANAGEMENT.—Not later than De-
25 cember 31 each year, the Secretary of Defense shall sub-

1 mit to Congress a report setting forth, for each military
2 department, defense agency, and other organization or ele-
3 ment of the Department of Defense, the following:

4 (1) A description of the value, if any, that ac-
5 crued as a result of improved financial management
6 and related cost-savings initiatives during the most
7 recent fiscal year.

8 (2) A description of the manner in which such
9 value, if any, was applied, and will be applied, to
10 provide mission value.

11 (3) A target for the savings to be achieved as
12 a result of improved financial management and re-
13 lated cost-savings initiatives during the fiscal year in
14 which such report is submitted.

15 **SEC. 1007. COMPTROLLER GENERAL OF THE UNITED**
16 **STATES RECOMMENDATIONS ON AUDIT CA-**
17 **PABILITIES AND INFRASTRUCTURE AND RE-**
18 **LATED MATTERS.**

19 (a) BI-MONTHLY SUMMARY OF STATUS OF AUDIT
20 CORRECTIVE ACTION PLAN.—The Under Secretary of De-
21 fense (Comptroller) shall assemble on a bi-monthly basis
22 a management summary of the current status of actions
23 under the consolidated audit corrective action plan (CAP)
24 with respect to the critical audit capabilities and associ-
25 ated infrastructure of the Department of Defense, the

1 military departments, the Defense Agencies, and other or-
2 ganizations and elements of the Department of Defense.

3 (b) CENTRALIZED MONITORING AND REPORTING
4 PROCESS.—The Under Secretary of Defense (Comp-
5 troller) shall develop and implement a centralized moni-
6 toring and reporting process that captures and maintains
7 up-to-date information, including the standard data ele-
8 ments recommended in the Implementation Guide for
9 OMB Circular A–123, for all corrective action plans De-
10 partment of Defense-wide that pertain to critical audit ca-
11 pabilities and associated infrastructure.

12 **Subtitle B—Counterdrug Activities**

13 **SEC. 1011. EXTENSION AND MODIFICATION OF AUTHORITY** 14 **TO SUPPORT A UNIFIED COUNTERDRUG AND** 15 **COUNTERTERRORISM CAMPAIGN IN COLOM-** 16 **BIA.**

17 (a) EXTENSION.—Section 1021 of the Ronald W.
18 Reagan National Defense Authorization Act for Fiscal
19 Year 2005 (Public Law 108–375; 118 Stat. 2042), as
20 most recently amended by section 1013 of the National
21 Defense Authorization Act for Fiscal Year 2017 (Public
22 Law 114–328; 130 Stat. 2385), is further amended—

23 (1) in subsection (a)(1), by striking “2019” and
24 inserting “2022”; and

1 (2) in subsection (c), by striking “2019” and
2 inserting “2022”.

3 (b) SCOPE OF AUTHORITY.—Subsection (a) of such
4 section 1021 is further amended—

5 (1) in paragraph (1), by striking “organizations
6 designated as” and all that follows and inserting
7 “terrorist organizations and other illegally armed
8 groups determined by the Secretary of Defense to
9 pose a significant threat to the national security in-
10 terests of the United States.”; and

11 (2) in paragraph (2), by striking “authority”
12 and all that follows and inserting “authority as fol-
13 lows:

14 “(A) To protect human health and welfare in
15 emergency circumstances, including the undertaking
16 of rescue operations.

17 “(B) To support efforts to demobilize, disarm,
18 and reintegrate members of illegally armed groups.”.

19 **Subtitle C—Naval Vessels and** 20 **Shipyards**

21 **SEC. 1016. POLICY OF THE UNITED STATES ON MINIMUM** 22 **NUMBER OF BATTLE FORCE SHIPS.**

23 (a) POLICY.—It shall be the policy of the United
24 States to have available, as soon as practicable, not fewer
25 than 355 battle force ships, comprised of the optimal mix

1 of platforms, with funding subject to the availability of
2 appropriations or other funds.

3 (b) BATTLE FORCE SHIPS DEFINED.—In this sec-
4 tion, the term “battle force ships” has the meaning given
5 the term in Secretary of the Navy Instruction 5030.8C.

6 **SEC. 1017. OPERATIONAL READINESS OF LITTORAL COM-**
7 **BAT SHIPS ON EXTENDED DEPLOYMENT.**

8 (a) IN GENERAL.—Subsection (a) of section 7310 of
9 title 10, United States Code, is amended—

10 (1) by inserting “UNDER JURISDICTION OF
11 THE SECRETARY OF THE NAVY” in the subsection
12 heading after “VESSELS”;

13 (2) by striking “A naval vessel (or any other
14 vessel under the jurisdiction of the Secretary of the
15 Navy)” and inserting “(1) Except as provided in
16 paragraph (2), a naval vessel”; and

17 (3) by adding at the end the following new
18 paragraph:

19 “(2)(A) Subject to subparagraph (B), in the case of
20 a naval vessel classified as a Littoral Combat Ship and
21 operating on deployment, corrective and preventive main-
22 tenance or repair (whether intermediate or depot level)
23 and facilities maintenance may be performed on the ves-
24 sel—

25 “(i) in a foreign shipyard;

1 “(ii) at a facility outside of a foreign shipyard;

2 or

3 “(iii) at any other facility convenient to the ves-

4 sel.

5 “(B)(i) Corrective and preventive maintenance or re-

6 pair may be performed on a vessel as described in sub-

7 paragraph (A) if the work is performed by United States

8 Government personnel or United States contractor per-

9 sonnel.

10 “(ii) Facilities maintenance may be performed by a

11 foreign contractor on a vessel as described in subpara-

12 graph (A) only as approved by the Secretary of the

13 Navy.”.

14 (b) DEFINITIONS.—Such section is further amended

15 by adding at the end the following new subsection:

16 “(d) DEFINITIONS.—In this section:

17 “(1) The term ‘corrective and preventive main-

18 tenance or repair’ means—

19 “(A) maintenance or repair actions per-

20 formed as a result of a failure in order to re-

21 turn or restore equipment to acceptable per-

22 formance levels; and

23 “(B) scheduled maintenance or repair ac-

24 tions to prevent or discover functional failures.

1 “(2) The term ‘facilities maintenance’ means
2 preservation or corrosion control efforts and cleaning
3 services.”.

4 (c) CLERICAL AMENDMENTS.—

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

7 **“§ 7310. Overhaul, repair, and maintenance of vessels**
8 **in foreign shipyards and facilities: re-**
9 **strictions; exceptions”.**

10 (2) TABLE OF SECTIONS.—The table of sections
11 at the beginning of chapter 633 of such title is
12 amended by striking the item relating to section
13 7310 and inserting the following new item:

 “7310. Overhaul, repair, and maintenance of vessels in foreign shipyards and
 facilities: restrictions; exceptions.”.

14 **SEC. 1018. AUTHORITY TO PURCHASE USED VESSELS TO**
15 **RECAPITALIZE THE READY RESERVE FORCE**
16 **AND THE MILITARY SEALIFT COMMAND**
17 **SURGE FLEET.**

18 (a) DEPOSIT OF ADDITIONAL FUNDS IN NATIONAL
19 DEFENSE SEALIFT FUND.—

20 (1) OTHER FUNDS MADE AVAILABLE TO DE-
21 PARTMENT OF THE NAVY.—Subsection (d) of section
22 2218 of title 10, United States Code, is amended by
23 adding at the end the following new paragraph:

1 “(4) Any other funds made available to the De-
2 partment of the Navy for carrying out the purposes
3 of the Fund set forth in subsection (c).”.

4 (2) EXPIRATION OF FUNDS AFTER 5 YEARS.—
5 Subsection (g) of such section is amended by strik-
6 ing “subsection (d)(1)” and inserting “paragraph
7 (1) or (4) of subsection (d)”.

8 (b) AUTHORITY TO PURCHASE USED VESSELS.—
9 Subsection (f) of such section is amended by adding at
10 the end the following new paragraph:

11 “(3)(A) Notwithstanding the limitations in paragraph
12 (1) and subsection (c)(1)(E), the Secretary of Defense
13 may, as part of a program to recapitalize the Ready Re-
14 serve Force component of the National Defense Reserve
15 Fleet and the Military Sealift Command surge fleet, pur-
16 chase used vessels, regardless of where constructed, from
17 among vessels previously participating in the Maritime Se-
18 curity Fleet, if available at a reasonable cost (as deter-
19 mined by the Secretary). If such previously participating
20 vessels are not available at a reasonable cost, used vessels
21 comparable to such previously participating vessels may
22 be purchased from any source, regardless of where con-
23 structed, if available at a reasonable cost (as determined
24 by the Secretary).

1 “(B) In exercising the authority in subparagraph (A),
2 the Secretary shall purchase used vessels constructed in
3 the United States, if available at a reasonable cost (as de-
4 termined by the Secretary).

5 “(C) In exercising the authority in subparagraph (A),
6 the Secretary shall ensure that any conversion, moderniza-
7 tion, maintenance, or repair of vessels occurs in shipyards
8 located in the United States, except in emergency situa-
9 tions (as determined by the Secretary).”.

10 (c) DEFINITION OF MARITIME SECURITY FLEET.—
11 Subsection (k) of such section is amended by adding at
12 the end the following new paragraph:

13 “(5) The term ‘Maritime Security Fleet’ means
14 the fleet established under section 53102(a) of title
15 46.”.

16 (d) TECHNICAL AMENDMENT.—Subsection (i) of
17 such section is amended by striking “(50 U.S.C. App.
18 1744)” and inserting “(50 U.S.C. 4405)”.

19 **SEC. 1019. SURVEYING SHIPS.**

20 (a) SURVEYING SHIP REQUIREMENT.—Not later
21 than 120 days after the date of the enactment of this Act,
22 the Chief of Naval Operations shall submit to the congres-
23 sional defense committees a report setting forth a force
24 structure assessment that establishes a surveying ship re-
25 quirement. The Chief of Naval Operations shall conduct

1 the assessment for purposes of the report, and may limit
2 the assessment to surveying ships.

3 (b) DEFINITIONS.—In this section:

4 (1) The term “surveying ship” has the meaning
5 given the term in Secretary of the Navy Instruction
6 5030.8C.

7 (2) The term “force structure assessment” has
8 the meaning given the term in Chief of Naval Oper-
9 ations Instruction 3050.27.

10 **SEC. 1020. PILOT PROGRAM ON FUNDING FOR NATIONAL**
11 **DEFENSE SEALIFT VESSELS.**

12 (a) IN GENERAL.—The Secretary of the Navy may
13 carry out a pilot program to assess the feasibility and ad-
14 visability of the use of the authorities specified in sub-
15 section (b) in connection with research and development
16 and operation, maintenance, and lease or charter of na-
17 tional defense sealift vessels.

18 (b) AUTHORITIES.—The authorities specified in this
19 subsection are authorities as follows:

20 (1) To derive funds for obligations and expendi-
21 tures for research and development relating to na-
22 tional defense sealift vessels from the Research, De-
23 velopment, Test, and Evaluation, Navy account.

24 (2) To derive funds for obligations and expendi-
25 tures for operation, maintenance, and lease or char-

1 ter of national defense sealift vessels from the Oper-
2 ation and Maintenance, Navy account.

3 (3) To use funds in the account referred to in
4 paragraph (1) for obligations and expenditures de-
5 scribed in that paragraph, and to use funds in the
6 account referred to in paragraph (2) for obligations
7 and expenditures described in that paragraph, with-
8 out the transfer of such funds to the National De-
9 fense Sealift Fund.

10 (c) LIMITATION.—The authorities in subsection (b)
11 may be used under the pilot program only with respect
12 to applicable amounts authorized to be appropriated for
13 the Department of Defense for fiscal years 2018 and
14 2019.

15 (d) CONTINUING AVAILABILITY OF NDSF FUNDS.—
16 Nothing in this section shall be construed to prohibit the
17 use of amounts available in the National Defense Sealift
18 Fund for fiscal years 2018 and 2019 for use for the pur-
19 poses of the Fund under section 2218(e) of title 10,
20 United States Code, in such fiscal years.

21 (e) REPORTS.—

22 (1) IN GENERAL.—Not later than 120 days
23 after the conclusion of the pilot program, the Sec-
24 retary, the Commander of the United States Trans-
25 portation Command, and the Administrator of the

1 Maritime Administration each shall submit to the
2 congressional defense committees an independent re-
3 port on the pilot program.

4 (2) ELEMENTS.—Each report shall include the
5 following:

6 (A) A description of lessons learned from
7 the pilot program regarding the efficacy of
8 funding national defense sealift vessel require-
9 ments using the accounts specified in para-
10 graphs (1) and (2) of subsection (b) rather
11 than the National Defense Sealift Fund.

12 (B) An assessment of potential oper-
13 ational, financial, and other significant impacts
14 if the pilot program is made permanent.

15 (C) Such recommendations as the official
16 submitting such report considers appropriate
17 regarding modifications of section 2218 of title
18 10, United States Code, in light of the pilot
19 program.

20 (f) DEFINITIONS.—In this section:

21 (1) The term “national defense sealift vessel”
22 has the meaning given the term in section
23 2218(k)(3) of title 10, United States Code.

1 (2) The term “National Defense Sealift Fund”
2 means the Fund established by section 2218 of title
3 10, United States Code.

4 **Subtitle D—Counterterrorism**

5 **SEC. 1031. EXTENSION OF PROHIBITION ON USE OF FUNDS**
6 **FOR TRANSFER OR RELEASE OF INDIVID-**
7 **UALS DETAINED AT UNITED STATES NAVAL**
8 **STATION, GUANTANAMO BAY, CUBA, TO THE**
9 **UNITED STATES.**

10 Section 1032 of the National Defense Authorization
11 Act for Fiscal Year 2017 (Public Law 114–328) is amend-
12 ed by striking “December 31, 2017” and inserting “De-
13 cember 31, 2018”.

14 **SEC. 1032. EXTENSION OF PROHIBITION ON USE OF FUNDS**
15 **TO CONSTRUCT OR MODIFY FACILITIES IN**
16 **THE UNITED STATES TO HOUSE DETAINEES**
17 **TRANSFERRED FROM UNITED STATES NAVAL**
18 **STATION, GUANTANAMO BAY, CUBA.**

19 Section 1033(a) of the National Defense Authoriza-
20 tion Act for Fiscal Year 2017 (Public Law 114–328) is
21 amended by striking “December 31, 2017” and inserting
22 “December 31, 2018”.

1 **SEC. 1033. EXTENSION OF PROHIBITION ON USE OF FUNDS**
2 **FOR TRANSFER OR RELEASE TO CERTAIN**
3 **COUNTRIES OF INDIVIDUALS DETAINED AT**
4 **UNITED STATES NAVAL STATION, GUANTA-**
5 **NAMO BAY, CUBA.**

6 Section 1034 of the National Defense Authorization
7 Act for Fiscal Year 2017 (Public Law 114–328) is amend-
8 ed by striking “December 31, 2017” and inserting “De-
9 cember 31, 2018”.

10 **SEC. 1034. EXTENSION OF PROHIBITION ON USE OF FUNDS**
11 **FOR REALIGNMENT OF FORCES AT OR CLO-**
12 **SURE OF UNITED STATES NAVAL STATION,**
13 **GUANTANAMO BAY, CUBA.**

14 Section 1035 of the National Defense Authorization
15 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
16 2391) is amended by striking “fiscal year 2017” and in-
17 serting “any of fiscal years 2017 through 2021”.

18 **SEC. 1035. AUTHORITY TO TRANSFER INDIVIDUALS DE-**
19 **TAINED AT UNITED STATES NAVAL STATION,**
20 **GUANTANAMO BAY, CUBA, TO THE UNITED**
21 **STATES TEMPORARILY FOR EMERGENCY OR**
22 **CRITICAL MEDICAL TREATMENT.**

23 (a) TEMPORARY TRANSFER FOR MEDICAL TREAT-
24 MENT.—Notwithstanding section 1032 of the National
25 Defense Authorization Act for Fiscal Year 2017 (Public
26 Law 114–328), as amended by section 1031 of this Act,

1 or any similar provision of law enacted after September
2 30, 2015, the Secretary of Defense may, after consultation
3 with the Secretary of Homeland Security, temporarily
4 transfer an individual detained at Guantanamo to a De-
5 partment of Defense medical facility in the United States
6 for the sole purpose of providing the individual medical
7 treatment if the Secretary of Defense determines that—

8 (1) the medical treatment of the individual is
9 necessary to prevent death or imminent significant
10 injury or harm to the health of the individual;

11 (2) the necessary medical treatment is not
12 available to be provided at United States Naval Sta-
13 tion, Guantanamo Bay, Cuba, without incurring ex-
14 cessive and unreasonable costs; and

15 (3) the Department of Defense has provided for
16 appropriate security measures for the custody and
17 control of the individual during any period in which
18 the individual is temporarily in the United States
19 under this section.

20 (b) LIMITATION ON EXERCISE OF AUTHORITY.—The
21 authority of the Secretary of Defense under subsection (a)
22 may be exercised only by the Secretary of Defense or an-
23 other official of the Department of Defense at the level
24 of Under Secretary of Defense or higher.

1 (c) CONDITIONS OF TRANSFER.—An individual who
2 is temporarily transferred under the authority in sub-
3 section (a) shall—

4 (1) while in the United States, remain in the
5 custody and control of the Secretary of Defense at
6 all times; and

7 (2) be returned to United States Naval Station,
8 Guantanamo Bay, Cuba, as soon as feasible after a
9 Department of Defense physician determines, in con-
10 sultation with the Commander, Joint Task Force-
11 Guantanamo Bay, Cuba, that any necessary follow-
12 up medical care may reasonably be provided the in-
13 dividual at United States Naval Station, Guanta-
14 namo Bay.

15 (d) STATUS WHILE IN UNITED STATES.—An indi-
16 vidual who is temporarily transferred under the authority
17 in subsection (a), while in the United States—

18 (1) shall be deemed at all times and in all re-
19 spects to be in the uninterrupted custody of the Sec-
20 retary of Defense, as though the individual remained
21 physically at United States Naval Station, Guanta-
22 namo Bay, Cuba;

23 (2) shall not at any time be subject to, and may
24 not apply for or obtain, or be deemed to enjoy, any
25 right, privilege, status, benefit, or eligibility for any

1 benefit under any provision of the immigration laws
2 (as defined in section 101(a)(17) of the Immigration
3 and Nationality Act (8 U.S.C. 1101(a)(17)), or any
4 other law or regulation;

5 (3) shall not be permitted to avail himself of
6 any right, privilege, or benefit of any law of the
7 United States beyond those available to individuals
8 detained at United States Naval Station, Guanta-
9 namo Bay; and

10 (4) shall not, as a result of such transfer, have
11 a change in any designation that may have attached
12 to that detainee while detained at United States
13 Naval Station, Guantanamo Bay, pursuant to the
14 Authorization for Use of Military Force (Public Law
15 107–40), as determined in accordance with applica-
16 ble law and regulations.

17 (e) NO CAUSE OF ACTION.—Any decision to transfer
18 or not to transfer an individual made under the authority
19 in subsection (a) shall not give rise to any claim or cause
20 of action.

21 (f) LIMITATION ON JUDICIAL REVIEW.—

22 (1) LIMITATION.—Except as provided in para-
23 graph (2), no court, justice, or judge shall have ju-
24 risdiction to hear or consider any claim or action
25 against the United States or its departments, agen-

1 cies, officers, employees, or agents arising from or
2 relating to any aspect of the detention, transfer,
3 treatment, or conditions of confinement of an indi-
4 vidual transferred under this section.

5 (2) EXCEPTION FOR HABEAS CORPUS.—The
6 United States District Court for the District of Co-
7 lumbia shall have exclusive jurisdiction to consider
8 an application for writ of habeas corpus seeking re-
9 lease from custody filed by or on behalf of an indi-
10 vidual who is in the United States pursuant to a
11 temporary transfer under the authority in subsection
12 (a). Such jurisdiction shall be limited to that re-
13 quired by the Constitution, and relief shall be only
14 as provided in paragraph (3). In such a proceeding
15 the court may not review, halt, or stay the return of
16 the individual who is the object of the application to
17 United States Naval Station, Guantanamo Bay,
18 Cuba, pursuant to subsection (c).

19 (3) RELIEF.—A court order in a proceeding
20 covered by paragraph (2)—

21 (A) may not order the release of the indi-
22 vidual within the United States; and

23 (B) shall be limited to an order of release
24 from custody which, when final, the Secretary
25 of Defense shall implement in accordance with

1 section 1034 of the National Defense Author-
2 ization Act for Fiscal Year 2016 (10 U.S.C.
3 801 note).

4 (g) NOTIFICATION.—Whenever a temporary transfer
5 of an individual detained at Guantanamo is made under
6 the authority of subsection (a), the Secretary of Defense
7 shall notify the Committees on Armed Services of the Sen-
8 ate and the House of Representatives of the transfer not
9 later than five days after the date on which the transfer
10 is made.

11 (h) INDIVIDUAL DETAINED AT GUANTANAMO DE-
12 FINED.—In this section, the term “individual detained at
13 Guantanamo” means an individual located at United
14 States Naval Station, Guantanamo Bay, Cuba, as of Octo-
15 ber 1, 2009, who—

16 (1) is not a national of the United States (as
17 defined in section 101(a)(22) of the Immigration
18 and Nationality Act (8 U.S.C. 1101(a)(22)) or a
19 member of the Armed Forces of the United States;
20 and

21 (2) is—

22 (A) in the custody or under the control of
23 the Department of Defense; or

24 (B) otherwise detained at United States
25 Naval Station, Guantanamo Bay.

1 (i) APPLICABILITY.—This section shall apply to an
2 individual temporarily transferred under the authority in
3 subsection (a) regardless of the status of any pending or
4 completed proceeding or detention on the date of the en-
5 actment of this Act.

6 **Subtitle E—Miscellaneous**
7 **Authorities and Limitations**

8 **SEC. 1041. MATTERS RELATING TO THE SUBMITTAL OF FU-**
9 **TURE-YEARS DEFENSE PROGRAMS.**

10 (a) TIMING OF SUBMITTAL TO CONGRESS.—Sub-
11 section (a) of section 221 of title 10, United States Code,
12 is amended by striking “at or about the same time” and
13 inserting “not later than five days after the date on
14 which”.

15 (b) MANNER AND FORM OF SUBMITTAL.—Such sec-
16 tion is further amended—

17 (1) in subsection (a) by inserting “make avail-
18 able to United States Government entities and” be-
19 fore “submit to Congress”; and

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

22 “(d)(1) The Secretary of Defense shall make avail-
23 able to United States Government entities and submit to
24 Congress each future-years defense program under this
25 section as follows:

1 “(A) By making such program available on an
2 Internet website of the Under Secretary of Defense
3 (Comptroller) available to United States Government
4 in the form of an unclassified electronic database.

5 “(B) By delivering printed copies of such pro-
6 gram to the congressional defense committee.

7 “(2) In the event inclusion of classified material in
8 a future-years defense program would otherwise render
9 the totality of the program classified for purposes of this
10 subsection—

11 “(A) such program shall be made available to
12 United States Government entities and submitted to
13 Congress in unclassified form, with such material at-
14 tached as a classified annex; and

15 “(B) such annex shall be submitted to the con-
16 gressional defense committees, the Congressional
17 Budget Office, the Comptroller General of the
18 United States, and the Congressional Research Serv-
19 ice.”.

20 (c) ACCURACY OF INFORMATION.—Such section is
21 further amended by adding at the end the following new
22 subsection:

23 “(e) Each future-years defense program under this
24 subsection shall be accompanied by a certification by the
25 Under Secretary of Defense (Comptroller), in the case of

1 the Department of Defense, and the comptroller of each
2 military department, in the case of such military depart-
3 ment, that any information entered into the Standard
4 Data Collection System of the Department of Defense, the
5 Comptroller Information System, or any other data sys-
6 tem, as applicable, for purposes of assembling such future-
7 years defense program was accurate.”.

8 (d) CONFORMING AMENDMENTS.—

9 (1) HEADING AMENDMENT.—The heading of
10 section 221 of such title is amended to read as fol-
11 lows:

12 **“§ 221. Future-years defense program: consistency in**
13 **budgeting; availability to United States**
14 **Government entities and submittal to**
15 **Congress”.**

16 (2) TABLE OF SECTIONS.—The table of sections
17 at the beginning of chapter 9 of such title is amend-
18 ed by striking the item relating to section 221 and
19 inserting the following new item:

“221. Future-years defense program: consistency in budgeting; availability to
United States Government entities and submittal to Con-
gress.”.

20 (e) EFFECTIVE DATE.—The amendments made by
21 this section shall take effect on the date of the enactment
22 of this Act, and shall apply to future-years defense pro-
23 grams submitted at the time of budgets of the President
24 for fiscal years beginning after fiscal year 2018.

1 (f) DoD GUIDANCE.—The Secretary of Defense
2 shall, in coordination with the Under Secretary of Defense
3 (Comptroller), update Department of Defense Financial
4 Management Regulation 7000.14–R, and any other appro-
5 priate instructions and guidance, to ensure that the De-
6 partment of Defense takes appropriate actions to comply
7 with the amendments made by this section in the sub-
8 mittal of future-years defense programs in calendar years
9 after calendar year 2017.

10 **SEC. 1042. DEPARTMENT OF DEFENSE INTEGRATION OF IN-**
11 **FORMATION OPERATIONS AND CYBER-EN-**
12 **ABLED INFORMATION OPERATIONS.**

13 (a) INTEGRATION OF DEPARTMENT OF DEFENSE IN-
14 FORMATION OPERATIONS AND CYBER-ENABLED INFOR-
15 MATION OPERATIONS.—

16 (1) ESTABLISHMENT OF CROSS-FUNCTIONAL
17 TASK FORCE.—

18 (A) IN GENERAL.—The Secretary of De-
19 fense shall establish a cross-functional task
20 force consistent with section 911(c)(1) of the
21 National Defense Authorization Act for Fiscal
22 Year 2017 (114–328; 10 U.S.C. 111 note) to
23 integrate across the organizations of the De-
24 partment of Defense responsible for information
25 operations, military deception, public affairs,

1 electronic warfare, and cyber operations to
2 produce integrated strategy, planning, and
3 budgeting to counter, deter, and conduct stra-
4 tegic information operations and cyber-enabled
5 information operations.

6 (B) DUTIES.—The task force shall carry
7 out the following:

8 (i) Development of a strategic frame-
9 work for the conduct by the Department of
10 Defense of information operations, includ-
11 ing cyber-enabled information operations,
12 coordinated across all relevant Department
13 of Defense entities, including both near-
14 term and long-term guidance for the con-
15 duct of such coordinated operations.

16 (ii) Development and dissemination of
17 a common operating paradigm across the
18 organizations specified in subparagraph
19 (A) of the influence, deception, and propa-
20 ganda activities of key malign actors, in-
21 cluding in cyberspace.

22 (iii) Development of guidance for, and
23 promotion of, the liaison capability of the
24 Department to interact with the private
25 sector, including social media, on matters

1 related to the influence activities of malign
2 actors.

3 (2) HEAD OF CROSS-FUNCTIONAL TASK
4 FORCE.—

5 (A) IN GENERAL.—The Secretary of De-
6 fense shall appoint as the head of the task force
7 such individual as the Secretary considers ap-
8 propriate from among individuals serving in the
9 Department as an Under Secretary of Defense
10 or in such other position within the Department
11 of lesser order of precedence.

12 (B) RESPONSIBILITIES.—The responsibil-
13 ities of the head of the task force are as follows:

14 (i) Oversight of strategic policy and
15 guidance.

16 (ii) Overall resource allocation for the
17 integration of information operations and
18 cyber operations of the Department.

19 (iii) Ensuring the task force faithfully
20 pursues the purpose set forth in subpara-
21 graph (A) of paragraph (1) and carries out
22 its duties as set forth in subparagraph (B)
23 of such paragraph.

1 (iv) Carrying out such activities as are
2 required of the head of the task force
3 under subsections (b) and (c).

4 (b) REQUIREMENTS AND PLANS FOR INFORMATION
5 OPERATIONS.—

6 (1) COMBATANT COMMAND PLANNING.—The
7 Secretary shall require each commander of a com-
8 batant command to develop such requirements and
9 specific plans as may be necessary for the conduct
10 of information operations, including plans for deter-
11 ring information operations, particularly in the cyber
12 domain, by malign actors against the United States,
13 allies of the United States, and interests of the
14 United States.

15 (2) IMPLEMENTATION PLAN FOR DEPARTMENT
16 OF DEFENSE STRATEGY FOR OPERATIONS IN THE
17 INFORMATION ENVIRONMENT.—

18 (A) IN GENERAL.—Not later than 90 days
19 after the date of the enactment of this Act, the
20 head of the task force shall—

21 (i) review the Department of Defense
22 Strategy for Operations in the Information
23 Environment, dated June 2016; and

1 (ii) submit to the congressional de-
2 fense committees a plan for implementa-
3 tion of such strategy.

4 (B) ELEMENTS.—The implementation plan
5 shall include, at a minimum, the following:

6 (i) An accounting of the efforts under-
7 taken in support of the strategy described
8 in subparagraph (A)(i) since it was issued
9 in June 2016.

10 (ii) A description of any updates or
11 changes to such strategy that have been
12 made since it was first issued, as well as
13 any expected updates or changes in light of
14 the establishment of the task force.

15 (iii) A description of the role of the
16 Department as part of a broader whole-of-
17 government strategy for strategic commu-
18 nications, including assumptions about the
19 roles and contributions of other Govern-
20 ment departments and agencies to such a
21 strategy.

22 (iv) Defined actions, performance
23 metrics, and projected timelines to achieve
24 the following specified tasks:

1 (I) Train, educate, and prepare
2 commanders and their staffs, and the
3 Joint Force as a whole, to lead, man-
4 age, and conduct operations in the in-
5 formation environment.

6 (II) Train, educate, and prepare
7 information operations professionals
8 and practitioners to enable effective
9 operations in the information environ-
10 ment.

11 (III) Manage information oper-
12 ations professionals, practitioners, and
13 organizations to meet emerging oper-
14 ational needs.

15 (IV) Establish a baseline assess-
16 ment of current ability of the Depart-
17 ment to conduct operations in the in-
18 formation environment, including an
19 identification of the types of units and
20 organizations currently responsible for
21 building and employing information-
22 related capabilities and an assignment
23 of appropriate roles and missions for
24 each type of unit or organization.

1 (V) Develop the ability of the De-
2 partment and operating forces to en-
3 gage, assess, characterize, forecast,
4 and visualize the information environ-
5 ment.

6 (VI) Develop and maintain the
7 proper capabilities and capacity to op-
8 erate effectively in the information en-
9 vironment in coordination with imple-
10 mentation of related cyber and other
11 strategies.

12 (VII) Develop and maintain the
13 capability to assess accurately the ef-
14 fect of operations in the information
15 environment.

16 (VIII) Adopt, adapt, and develop
17 new science and technology for the
18 Department to operate effectively in
19 the information environment.

20 (IX) Develop and adapt informa-
21 tion environment-related concepts,
22 policies, and guidance.

23 (X) Ensure doctrine relevant to
24 operations in the information environ-
25 ment remains current and responsive

1 based on lessons learned and best
2 practices.

3 (XI) Develop, update, and de-
4 conflict authorities and permissions,
5 as appropriate, to enable effective op-
6 erations in the information environ-
7 ment.

8 (XII) Establish and maintain
9 partnerships among Department and
10 interagency partners to enable more
11 effective whole-of-government oper-
12 ations in the information environment.

13 (XIII) Establish and maintain
14 appropriate interaction with entities
15 that are not part of the Federal Gov-
16 ernment, including entities in indus-
17 try, entities in academia, Federally
18 funded research and development cen-
19 ters, and other organizations, to en-
20 able operations in the information en-
21 vironment.

22 (XIV) Establish and maintain
23 collaboration between and among the
24 Department and international part-
25 ners, including partner countries and

1 nongovernmental organizations, to en-
2 able more effective operations in the
3 information environment.

4 (XV) Foster, enhance, and lever-
5 age partnership capabilities and ca-
6 pacities.

7 (v) An analysis of any personnel,
8 resourcing, capability, authority, or other
9 gaps that will need to be addressed to en-
10 sure effective implementation of the strat-
11 egy described in subparagraph (A)(i)
12 across all relevant elements of the Depart-
13 ment.

14 (vi) An investment framework and
15 projected timeline for addressing any gaps
16 identified under clause (v).

17 (vii) Such other matters as the Sec-
18 retary of Defense considers relevant.

19 (C) PERIODIC STATUS REPORTS.—Not
20 later than 90 days after the date on which the
21 implementation plan is submitted under sub-
22 paragraph (A)(ii) and not less frequently than
23 once every 90 days thereafter until the date
24 that is three years after the date of such sub-
25 mittal, the head of the task force shall submit

1 to the congressional defense committees a re-
2 port describing the status of the efforts of the
3 Department to accomplish the tasks specified
4 under clauses (iv) and (vi) of subparagraph
5 (B).

6 (c) TRAINING AND EDUCATION.—Consistent with the
7 elements of the implementation plan required under
8 clauses (i) and (ii) of subsection (b)(2)(B)(4), the head
9 of the task force shall establish programs to provide train-
10 ing and education to such members of the Armed Forces
11 and civilian employees of the Department of Defense as
12 the Secretary considers appropriate to ensure under-
13 standing of the role of information in warfare, the central
14 goal of all military operations to affect the perceptions,
15 views, and decision-making of adversaries, and the effec-
16 tive management and conduct of operations in the infor-
17 mation environment.

18 (d) ESTABLISHMENT OF DEFENSE INTELLIGENCE
19 OFFICER FOR INFORMATION OPERATIONS AND CYBER
20 OPERATIONS.—The Secretary shall establish a position
21 within the Department of Defense known as the “Defense
22 Intelligence Officer for Information Operations and Cyber
23 Operations”.

24 (e) DEFINITIONS.—In this section:

1 (1) The term “head of the task force” means
2 the head appointed under subsection (a)(2)(A).

3 (2) The term “implementation plan” means the
4 plan required by subsection (b)(2)(A)(ii).

5 (3) The term “task force” means the cross-
6 functional task force established under subsection
7 (a)(1)(A).

8 **SEC. 1043. PROHIBITION ON LOBBYING ACTIVITIES WITH**
9 **RESPECT TO THE DEPARTMENT OF DEFENSE**
10 **BY CERTAIN OFFICERS OF THE ARMED**
11 **FORCES AND CIVILIAN EMPLOYEES OF THE**
12 **DEPARTMENT WITHIN TWO YEARS OF SEPA-**
13 **RATION FROM MILITARY SERVICE OR EM-**
14 **PLOYMENT WITH THE DEPARTMENT.**

15 (a) PROHIBITION.—An individual described in sub-
16 section (b) may not engage in lobbying activities with re-
17 spect to the Department of Defense during the two-year
18 period beginning on the date of retirement or separation
19 from service in the Armed Forces or the date of retirement
20 or separation from service with the Department, as appli-
21 cable.

22 (b) COVERED INDIVIDUALS.—An individual described
23 in this section is the following:

1 (1) An officer of the Armed Forces in grade O–
2 7 or higher at the time of retirement or separation
3 from the Armed Forces.

4 (2) A civilian employee of the Department of
5 Defense at the Senior Executive Service (SES) level
6 or higher at the time of retirement or separation
7 from service with the Department.

8 (c) LOBBYING ACTIVITIES WITH RESPECT TO THE
9 DEPARTMENT OF DEFENSE DEFINED.—In this section:

10 (1) The term “lobbying activities with respect
11 to the Department of Defense” means the following:

12 (A) Lobbying contacts and other lobbying
13 activities with covered executive branch officials
14 and covered legislative branch officials with re-
15 spect to the Department of Defense.

16 (B) Lobbying contacts with covered execu-
17 tive branch officials described in subparagraphs
18 (C) through (F) of section 3(3) of the Lobbying
19 Disclosure Act of 1995 (2 U.S.C. 1602(3)) in
20 the Department of Defense.

21 (2) The term “lobbying activities” has the
22 meaning given that term in section 3(7) of the Lob-
23 bying Disclosure Act of 1995 (2 U.S.C. 1602(7)).

24 (3) The term “covered executive branch offi-
25 cial” has the meaning given that term in section

1 3(3) of the Lobbying Disclosure Act of 1995 (2
2 U.S.C. 1602(3)).

3 (4) The term “covered legislative branch offi-
4 cial” has the meaning given that term in section
5 3(4) of the Lobbying Disclosure Act of 1995 (2
6 U.S.C. 1602(4)).

7 **SEC. 1044. DEFINITION OF “UNMANNED AERIAL VEHICLE”**
8 **FOR PURPOSES OF TITLE 10, UNITED STATES**
9 **CODE.**

10 Section 101(e) of title 10, United States Code, is
11 amended by adding at the end the following new para-
12 graph:

13 “(6) UNMANNED AERIAL VEHICLE.—The term
14 ‘unmanned aerial vehicle’—

15 “(A) means an aerial vehicle that is not
16 controlled by a human being after launch, such
17 as a cruise missile; and

18 “(B) does not include a remotely piloted
19 aerial vehicle if the vehicle is controlled by a
20 human being after launch.”.

21 **SEC. 1045. TECHNICAL AMENDMENT RELATING TO MAN-**
22 **AGEMENT OF MILITARY TECHNICIANS.**

23 Section 1053(a)(1) of the National Defense Author-
24 ization Act for Fiscal Year 2016 (10 U.S.C. 10216 note)

1 is amended by striking “20 percent” and inserting “12.6
2 percent”.

3 **SEC. 1046. EXTENSION OF PROHIBITION ON USE OF FUNDS**
4 **FOR RETIREMENT OF LEGACY MARITIME**
5 **MINE COUNTERMEASURE PLATFORMS.**

6 Section 1045(a) of the National Defense Authoriza-
7 tion Act for Fiscal Year 2017 (Public Law 114–328) is
8 amended in the matter preceding paragraph (1) by strik-
9 ing “authorized to be appropriated by this Act or other-
10 wise made available for fiscal year 2017 for the Navy”
11 and inserting “authorized to be appropriated or otherwise
12 made available for the Navy for fiscal year 2017 or 2018”.

13 **SEC. 1047. SENSE OF CONGRESS ON THE BASING OF KC–46A**
14 **AIRCRAFT OUTSIDE THE CONTINENTAL**
15 **UNITED STATES.**

16 (a) FINDING.—Congress finds that the Department
17 of Defense is continuing its process of permanently sta-
18 tioning KC–46A aircraft at installations in the continental
19 United States (CONUS) and forward-basing outside the
20 continental United States (OCONUS).

21 (b) SENSE OF CONGRESS.—It is the sense of Con-
22 gress that the Secretary of the Air Force, as part of the
23 strategic basing process for KC–46A aircraft, should con-
24 tinue to place emphasis on and consider the benefits de-

1 rived from locations outside the continental United States
2 that—

3 (1) support day-to-day air refueling operations,
4 operations plans of the combatant commands, and
5 flexibility for contingency operations, and have—

6 (A) a strategic location that is essential to
7 the defense of the United States and its inter-
8 ests;

9 (B) receivers for boom or probe-and-drogue
10 training opportunities with joint and inter-
11 national partners; and

12 (C) sufficient airfield and airspace avail-
13 ability and capacity to meet requirements; and

14 (2) possess facilities that—

15 (A) take full advantage of existing infra-
16 structure to provide—

17 (i) runway, hangars, and aircrew and
18 maintenance operations; and

19 (ii) sufficient fuels receipt, storage,
20 and distribution capacities for a 5-day
21 peacetime operating stock; and

22 (B) minimize overall construction and
23 operational costs.

1 **SEC. 1048. AUTHORIZATION TO PROCURE UP TO SIX POLAR-**
2 **CLASS ICEBREAKERS.**

3 (a) **AUTHORITY TO PROCURE ICEBREAKERS.—**

4 (1) **IN GENERAL.—**The Secretary of the depart-
5 ment in which the Coast Guard is operating may, in
6 consultation with the Secretary of the Navy, enter
7 into a contract or contracts for the procurement of
8 up to six polar-class icebreakers, including—

9 (A) polar-class heavy icebreakers; and

10 (B) polar-class medium icebreakers.

11 (2) **CONDITION FOR OUT-YEAR CONTRACT PAY-**
12 **MENTS.—**A contract entered into under paragraph
13 (1) shall provide that any obligation of the United
14 States to make a payment under the contract for a
15 fiscal year after fiscal year 2018 is subject to the
16 availability of appropriations or funds for that pur-
17 pose for such later fiscal year.

18 (b) **COMPTROLLER GENERAL OF THE UNITED**
19 **STATES REPORT.—**

20 (1) **IN GENERAL.—**Not later than 45 days after
21 the date of the enactment of the this Act, the Comp-
22 troller General of the United States shall submit to
23 the Committees on Armed Services of the Senate
24 and the House of Representatives, the Committee on
25 Commerce, Science, and Transportation of the Sen-
26 ate, and the Committee on Transportation and In-

1 frastructure of the House of Representatives a re-
2 port assessing the cost and procurement schedule for
3 new United States icebreakers.

4 (2) ELEMENTS.—The report required in para-
5 graph (1) shall include an analysis of the following:

6 (A) The current status of the efforts of the
7 Coast Guard to acquire new icebreaking capa-
8 bility, including coordination through the Inte-
9 grated Program Office.

10 (B) Actions being taken by the Coast
11 Guard to incorporate key practices from other
12 nations that procure icebreakers to increase
13 knowledge and reduce costs and risks.

14 (C) The extent by which the cost and
15 schedule for building Coast Guard icebreakers
16 differs from those in other countries, if known.

17 (D) The extent that innovative acquisition
18 practices (such as multiyear funding and block
19 buys) may be applied to icebreaker acquisition
20 to reduce the cost and accelerate the schedule.

21 (E) A capacity replacement plan to miti-
22 gate a potential icebreaker capability gap if the
23 Polar Star cannot remain in service.

24 (F) Any other matters the Comptroller
25 General considers appropriate.

1 **Subtitle F—Studies and Reports**

2 **SEC. 1061. ASSESSMENT OF GLOBAL FORCE POSTURE.**

3 (a) **ASSESSMENT REQUIRED.**—The Secretary of De-
4 fense shall, in consultation with the Chairman of the Joint
5 Chiefs of Staff and the commanders of the combatant
6 commands, provide for and oversee an assessment of the
7 global force posture of the Armed Forces.

8 (b) **REPORT.**—Not later than the earlier of 180 days
9 after the production of the 2018 National Defense Strat-
10 egy (which is intended to be closely coordinated with and
11 complementary to a new National Security Strategy) or
12 December 31, 2018, the Secretary shall submit to the
13 Committees on Armed Services of the Senate and the
14 House of Representatives a report on the assessment re-
15 quired by subsection (a). The report shall include the fol-
16 lowing:

17 (1) Recommendations for force size, structure,
18 and basing in Europe, the Middle East, and Asia
19 Pacific that reflect and complement the force sizing
20 construct included in the 2018 National Defense
21 Strategy in order to guide the growth of the force
22 structure of the Armed Forces, which recommenda-
23 tions shall be based on an evaluation of the relative
24 costs of rotational and forward-based forces as well
25 as impacts to deployment timelines of threats to

1 lines of communication and anti-access area denial
2 capabilities of potential adversaries.

3 (2) An assessment by each commander of a ge-
4 ographic combatant command of the capability and
5 force structure gaps within the context of an evalua-
6 tion of the potential threats in the theater of oper-
7 ations of the combatant command concerned and the
8 operation plans that such combatant command are
9 expected to execute.

10 (3) An evaluation of the concept of operations
11 and the sources of manpower for headquarters re-
12 quired to oversee and direct execution of current op-
13 erations plans.

14 **SEC. 1062. ARMY MODERNIZATION STRATEGY.**

15 (a) STRATEGY REQUIRED.—The Secretary of the
16 Army shall develop a modernization strategy for the total
17 Army.

18 (b) ELEMENTS.—The strategy required by subsection
19 (a) shall include the following:

20 (1) A comprehensive description of the future
21 total Army, including key objectives, war fighting
22 challenges, and risks, sufficient to establish require-
23 ments, set priorities, identify opportunity costs, and
24 establish acquisition time lines for the total Army
25 over a period beyond the period of the current fu-

1 ture-years defense program under section 221 of
2 title 10, United States Code.

3 (2) Mechanisms for identifying programs of the
4 Army that may be unnecessary, or do not perform
5 according to expectations, in achieving the future
6 total Army.

7 (3) A comprehensive description of the manner
8 in which the future total Army intends to fight and
9 win as part of a joint force engaged in combat
10 across all operational domains.

11 (4) A comprehensive description of the mecha-
12 nisms required by the future total Army to maintain
13 command, control, and communications and
14 sustainment.

15 (c) PARTICULAR CONSIDERATIONS.—In developing
16 the strategy required by subsection (a), the Secretary shall
17 take into particular account the following:

18 (1) Current trends and developments in weap-
19 ons and equipment technologies.

20 (2) New tactics and force design of peer adver-
21 saries, including the rapid pace of development of
22 such tactics and force design by such adversaries.

23 (d) REPORT.—

24 (1) IN GENERAL.—Not later than 90 days after
25 the date of the enactment of this Act, the Secretary

1 shall submit to the congressional defense committees
2 the strategy required by subsection (a).

3 (2) FORM.—If the report is submitted in classi-
4 fied form, the report shall be accompanied by an un-
5 classified summary.

6 **SEC. 1063. REPORT ON ARMY PLAN TO IMPROVE OPER-**
7 **ATIONAL UNIT READINESS BY REDUCING**
8 **NUMBER OF NON-DEPLOYABLE SOLDIERS AS-**
9 **SIGNED TO OPERATIONAL UNITS.**

10 Not later than 90 days after the date of the enact-
11 ment of this Act, the Secretary of the Army shall submit
12 to the congressional defense committees a report on the
13 plans of the Army to improve operational unit readiness
14 in the Army by reducing the number of non-deployable
15 soldiers assigned to operational units of the Army and re-
16 placing such soldiers with soldiers capable of world-wide
17 deployment.

18 **SEC. 1064. EFFORTS TO COMBAT PHYSIOLOGICAL EPI-**
19 **ISODES ON CERTAIN NAVY AIRCRAFT.**

20 (a) IN GENERAL.—Not later than 30 days after the
21 date of the enactment of this Act, and every 90 days there-
22 after until January 1, 2020, the Secretary of the Navy
23 shall provide to the congressional defense committees in-
24 formation on efforts by the Navy’s Physiological Episode
25 Team to combat the prevalence of physiological episodes

1 in F/A-18 Hornet and Super Hornet, EA-18G Growler,
2 and T-45 Goshawk aircraft.

3 (b) ELEMENTS.—The information required under
4 subsection (a) shall include the following elements:

5 (1) A description of Naval Aviation Enterprise
6 activities addressing physiological episodes during
7 the reporting period.

8 (2) An estimate of funding expended in support
9 of the activities described under paragraph (1).

10 (3) A description of any planned or executed
11 changes to Physiological Episode Team structure or
12 processes.

13 (4) A description of activities planned for the
14 upcoming two quarters.

15 (c) FORM.—The information required under sub-
16 section (a) may be provided in a written report or a brief-
17 ing.

18 **SEC. 1065. STUDIES ON AIRCRAFT INVENTORIES FOR THE**

19 **AIR FORCE.**

20 (a) INDEPENDENT STUDIES.—

21 (1) IN GENERAL.—The Secretary of Defense
22 shall provide for the performance of three inde-
23 pendent studies of alternative aircraft inventories
24 through 2030, and an associated force-sizing con-
25 struct, for the Air Force.

1 (2) SUBMITTAL TO CONGRESS.—Not later than
2 March 1, 2019, the Secretary shall submit the re-
3 sults of each study to the congressional defense com-
4 mittees.

5 (3) FORM.—The result of each study shall be
6 submitted in unclassified form, but may include a
7 classified annex.

8 (b) ENTITIES TO PERFORM STUDIES.—The Sec-
9 retary shall provide for the studies under subsection (a)
10 to be performed as follows:

11 (1) One study shall be performed by the Sec-
12 retary of the Air Force, in consultation with the Di-
13 rector of the Office of Net Assessment.

14 (2) One study shall be performed by a federally
15 funded research and development center.

16 (3) One study shall be conducted by an inde-
17 pendent, nongovernmental institute which is de-
18 scribed in section 501(c)(3) of the Internal Revenue
19 Code of 1986 and exempt from taxation under sec-
20 tion 501(a) of such Code, and has recognized cre-
21 dentials and expertise in national security and mili-
22 tary affairs.

23 (c) PERFORMANCE OF STUDIES.—

1 (1) INDEPENDENT PERFORMANCE.—The Sec-
2 retary shall require the studies under this section to
3 be conducted independently of one another.

4 (2) MATTERS TO BE CONSIDERED.—In per-
5 forming a study under this section, the organization
6 performing the study, while being aware of current
7 and projected aircraft inventories for the Air Force,
8 shall not be limited by such current or projected air-
9 craft inventories, and shall consider the following
10 matters:

11 (A) The national security and national de-
12 fense strategies of the United States.

13 (B) Potential future threats to the United
14 States and to United States air and space
15 forces through 2030.

16 (C) Traditional roles and missions of the
17 Air Force.

18 (D) Alternative roles and missions for the
19 Air Force.

20 (E) The force-sizing methodology and ra-
21 tionale used to calculated aircraft inventory lev-
22 els.

23 (F) Other government and nongovernment
24 analyses that would contribute to the study

1 through variations in study assumptions or po-
2 tential scenarios.

3 (G) The role of evolving technology on fu-
4 ture air forces, including unmanned and space
5 systems.

6 (H) Opportunities for reduced operation
7 and sustainment costs.

8 (I) Current and projected capabilities of
9 other Armed Forces that could affect force
10 structure capability and capacity requirements
11 of the Air Force.

12 (d) STUDY RESULTS.—The results of each study
13 under this section shall—

14 (1) identify a force-sizing construct for the Air
15 Force that connects national security strategy to air-
16 craft inventories;

17 (2) present the alternative aircraft inventories
18 considered, with assumptions and possible scenarios
19 identified for each;

20 (3) provide for presentation of minority views of
21 study participants; and

22 (4) for the recommended inventories, provide—

23 (A) the numbers and types of aircraft, the
24 numbers and types of manned and unmanned

1 aircraft, and the basic capabilities of each of
2 such platforms;

3 (B) describe the force-sizing rationale used
4 to arrive at the recommended inventory levels;

5 (C) other information needed to under-
6 stand the aircraft inventories in basic form and
7 the supporting analysis; and

8 (D) options to address aircraft types whose
9 retirement commences before 2030.

10 **SEC. 1066. PLAN AND RECOMMENDATIONS FOR INTER-**
11 **AGENCY VETTING OF FOREIGN INVEST-**
12 **MENTS WITH POTENTIAL IMPACTS ON NA-**
13 **TIONAL DEFENSE AND NATIONAL SECURITY.**

14 (a) **PLAN AND RECOMMENDATIONS REQUIRED.**—The
15 Secretary of Defense shall, in consultation with the Sec-
16 retary of State and the Secretary of Treasury, assess and
17 develop a plan, and recommendations for agencies of the
18 United States Government other than the Department of
19 Defense, to improve the effectiveness of interagency vet-
20 ting of foreign investments that could potentially impair
21 both the national security of the United States and the
22 ability of the Department to defend the nation, specifically
23 investments from nations that pose threats to the national
24 security interests of the United States.

1 (b) OBJECTIVES.—The assessment, plan, and rec-
2 ommendations required by subsection (a) shall have the
3 following objectives:

4 (1) To increase collaboration and coordination
5 among the Department of Defense and other agen-
6 cies of the United States Government, including the
7 Director of National Intelligence, in the identifica-
8 tion and prevention of foreign investments that
9 could potentially impair the national security of the
10 United States and the ability of the Department to
11 defend the nation.

12 (2) To increase collaboration and cooperation
13 among the United States Government and govern-
14 ments of United States allies and partners on invest-
15 ments described in paragraph (1), including through
16 information sharing.

17 (3) To restrict investments described in para-
18 graph (1) by countries of special concern in critical
19 technologies and emerging technologies that are
20 foundational for maintaining the United States tech-
21 nological advantage.

22 (c) ANALYSIS OF ISSUES.—The plan and rec-
23 ommendations required by subsection (a) shall be based
24 upon the results of an analysis of issues as follows:

1 (1) Whether the current interagency vetting
2 processes and policies place adequate focus on the
3 country of origin of each transaction, particularly
4 when it is a country of special concern, and whether
5 certain transactions emanating from those countries
6 should be presumed to pose certain risks to the abil-
7 ity of the Department to defend the nation.

8 (2) What are the current or projected major
9 vulnerabilities of the Department pertaining to for-
10 eign investment, including in the areas of cybersecu-
11 rity, reliance on foreign suppliers in the supply chain
12 for defense equipment, limitations on access to cer-
13 tain materials that are essential for national defense,
14 and the use of transportation assets and other crit-
15 ical infrastructure for training, mobilizing, and de-
16 ploying forces.

17 (3) Whether the current interagency vetting
18 process for foreign investments—

19 (A) requires additional resources in order
20 to be effective;

21 (B) permits the Department adequate time
22 to thoroughly review transactions to conduct
23 national security threat assessments and also
24 determine the impacts of transactions on na-
25 tional defense;

1 (C) adequately takes into account risks to
2 the ability of the Department to defend the na-
3 tion posed by transactions before attempting to
4 mitigate them in various ways; and

5 (D) provides adequate monitoring and
6 compliance of agreements to mitigate such
7 risks.

8 (4) Whether other agencies of the United
9 States Government, including the Department of the
10 Interior, are aware of the counterintelligence risks
11 posed to facilities of the Department by purchases or
12 leases of nearby Federal land and are cooperative in
13 providing information to permit a proper assessment
14 of those risks.

15 (5) Whether and to what extent industrial espi-
16 onage is occurring against private United States
17 companies to obtain commercial secrets related to
18 critical or foundational technologies.

19 (6) Whether and to what extent future foreign
20 investments have the potential for any of the fol-
21 lowing:

22 (A) To increase the cost to the Depart-
23 ment of acquiring or maintaining necessary de-
24 fense-related equipment and systems.

1 (B) To reduce the United States techno-
2 logical and industrial advantage relative to any
3 country of special concern.

4 (C) To give any country of special concern
5 a heightened ability to conduct information
6 warfare against the United States, including
7 through the spread false or misleading informa-
8 tion to the American public and the manipula-
9 tion of American public opinion on critical pub-
10 lic policy issues.

11 (7) Whether currently mandated annual reports
12 to Congress on the interagency vetting of foreign in-
13 vestments provide valuable information.

14 (d) ELEMENTS.—The elements of the assessment,
15 plan, and recommendations required by subsection (a)
16 shall include the following:

17 (1) A list of countries of special concern for in-
18 vestments that could potentially impair the ability of
19 the Department to defend the nation.

20 (2) A description of recent trends in foreign in-
21 vestment transactions by countries of special con-
22 cern, including joint ventures, the sale of assets pur-
23 suant to bankruptcy, and the purchase or lease of
24 real estate in proximity to military installations.

1 (3) A description of any strategies used by
2 countries of special concern to exploit vulnerabilities
3 in existing foreign investment vetting processes and
4 regulations.

5 (4) An assessment of any market distortion or
6 unfair competition by any country of special concern
7 that directly or indirectly impairs the national secu-
8 rity or the United States and the ability of the De-
9 partment to defend the nation.

10 (e) REPORTS.—

11 (1) INTERIM REPORT.—Not later than 90 days
12 after the date of the enactment of this Act, the Sec-
13 retary of Defense shall submit to the Committees on
14 Armed Services of the Senate and the House of Rep-
15 resentatives a report on the progress of the Sec-
16 retary in developing the plan and recommendations
17 required by subsection (a).

18 (2) FINAL REPORT.—Not later than 180 days
19 after the date of the enactment of this Act, the Sec-
20 retary shall submit to the committees of Congress
21 referred to in paragraph (1) a report setting forth
22 the plan and recommendations developed pursuant
23 to subsection (a).

1 (3) FORM.—Each report under this subsection
2 shall be submitted in unclassified form, but may in-
3 clude a classified annex.

4 **SEC. 1067. REPORT ON AUTHORITIES FOR THE EMPLOY-**
5 **MENT, USE, AND STATUS OF NATIONAL**
6 **GUARD AND RESERVE TECHNICIANS.**

7 (a) IN GENERAL.—Not later than April 1, 2018, the
8 Secretary of Defense shall submit to the Committees on
9 Armed Services of the Senate and the House of Represent-
10 atives a report setting forth the results of a review, under-
11 taken by the Secretary for purposes of the report, of the
12 following:

13 (1) Authority for the employment, use, and sta-
14 tus of National Guard technicians under section 709
15 of title 32, United States Code (commonly referred
16 to as the “National Guard Technicians Act of
17 1968”).

18 (2) Authorities for the employment, use, and
19 status of National Guard and Reserve technicians
20 under sections 10216 through 10218 of title 10,
21 United States Code.

22 (3) Any other authorities on the employment,
23 use, and status of National Guard and Reserve tech-
24 nicians under law.

1 (b) PURPOSES.—The purposes of the review required
2 pursuant to subsection (a) shall be as follows:

3 (1) To define the mission and requirements of
4 National Guard and Reserve technicians.

5 (2) To identify means to improve the manage-
6 ment and administration of the National Guard and
7 Reserve technician workforce.

8 (3) To identify means to enhance the capability
9 of the Department of Defense to recruit and retain
10 National Guard and Reserve technicians.

11 (4) To assess the current career progression
12 tracks of National Guard and Reserve technicians.

13 (c) CONSULTATION.—In conducting the review re-
14 quired pursuant to subsection (a), the Secretary shall con-
15 sult with the Chief of the National Guard Bureau, the
16 Chief of Army Reserve, the Chief of Air Force Reserve,
17 and representatives of National Guard and Reserve techni-
18 cians (including collective bargaining representatives of
19 such technicians).

20 (d) INCLUSION OF RECENT AUTHORITIES IN RE-
21 VIEW.—The Secretary shall ensure that the review re-
22 quired pursuant to subsection (a) takes into account au-
23 thorities, and modifications of authorities, for the employ-
24 ment, use, and status of National Guard and Reserve tech-
25 nicians in the National Defense Authorization Act for Fis-

1 cal Year 2016 (Public Law 114–92) and the National De-
2 fense Authorization Act for Fiscal Year 2017 (Public Law
3 114–328).

4 (e) REQUIRED ELEMENTS.—In meeting the purposes
5 of the review as set forth in subsection (b), the review re-
6 quired pursuant to subsection (a) shall address, in par-
7 ticular, the following:

8 (1) The extent to which National Guard and
9 Reserve technicians are assigned military duties in-
10 consistent with, or of a different nature than, their
11 civilian duties, the impact of such assignments on
12 unit readiness, and the effect of such assignments
13 on the career progression of technicians.

14 (2) The use by the Department of Defense (es-
15 pecially within the National Guard) of selective re-
16 tention boards to separate National Guard and Re-
17 serve technicians from military service (with the ef-
18 fect of thereby separating them from civilian service)
19 before they accrue a full, unreduced retirement an-
20 nuity in connection with Federal civilian service, and
21 whether that use is consistent with the authority in
22 section 10216(f) of title 10, United States Code,
23 that technicians be permitted to remain in service
24 past their mandatory separation date until they
25 qualify for an unreduced retirement annuity.

1 (3) The feasibility and advisability of extending
2 eligibility for benefits under the TRICARE program
3 to National Guard and Reserve technicians, includ-
4 ing the types, if any, of benefits whose extension
5 would be feasible and advisable.

6 (4) The impact on recruitment and retention,
7 and the budgetary impact, of permitting National
8 Guard and Reserve technicians who receive an en-
9 listment incentive before becoming a technician to
10 retain such incentive upon becoming a technician.

11 (f) REPORT ELEMENTS.—The report required by
12 subsection (a) shall include the following:

13 (1) The results of the review undertaken pursu-
14 ant to subsection (a), including on the matters set
15 forth in subsections (b) and (e).

16 (2) Such recommendations for legislative or ad-
17 ministrative action as the Secretary considers appro-
18 priate in light of the review in order to improve and
19 enhance the employment, use, and status of Na-
20 tional Guard and Reserve technicians.

1 **SEC. 1068. CONFORMING REPEALS AND TECHNICAL**
2 **AMENDMENTS IN CONNECTION WITH RE-**
3 **PORTS OF THE DEPARTMENT OF DEFENSE**
4 **WHOSE SUBMITTAL TO CONGRESS HAS PRE-**
5 **VIOUSLY BEEN TERMINATED BY LAW.**

6 (a) TITLE 10, UNITED STATES CODE.—Title 10,
7 United States Code, is amended as follows:

8 (1) Section 113(c) is amended—

9 (A) by striking paragraph (2);

10 (B) by striking “(1)”; and

11 (C) by redesignating subparagraphs (A),
12 (B), and (C) as paragraphs (1), (2), and (3),
13 respectively.

14 (2) Section 113 is further amended by striking
15 subsection (l).

16 (3)(A) Section 115a is repealed.

17 (B) The table of sections at the beginning of
18 chapter 2 is amended by striking the item relating
19 to section 115a.

20 (4) Section 386(c)(1) is amended by striking
21 “331.”.

22 (5)(A) Section 235 is repealed.

23 (B) The table of sections at the beginning of
24 chapter 9 is amended by striking the item relating
25 to section 235.

1 (6) Section 428 is amended by striking sub-
2 section (f).

3 (7) Section 974(d) is amended by striking para-
4 graph (3).

5 (8) Section 1073b is amended—

6 (A) by striking subsection (a); and

7 (B) by redesignating subsections (b) and
8 (c) as subsections (a) and (b), respectively.

9 (9) Section 1597 is amended—

10 (A) by striking subsection (c);

11 (B) by redesignating subsections (d), (e),
12 and (f) as subsections (c), (d), and (e), respec-
13 tively; and

14 (C) in subsection (c), as redesignated by
15 subparagraph (B), by striking “or a master
16 plan prepared under subsection (c)”.

17 (10) Section 1705 is amended—

18 (A) by striking subsection (f); and

19 (B) by redesignating subsections (g) and
20 (h) as subsections (f) and (g), respectively.

21 (11) Section 1722b is amended by striking sub-
22 section (c).

23 (12) Section 1781b is amended by striking sub-
24 section (d).

25 (13) Section 2193b is amended—

1 (A) by striking subsection (g); and

2 (B) by redesignating subsection (h) as sub-
3 section (g).

4 (14) Section 2262 is amended by striking sub-
5 section (d).

6 (15) Section 2263 is amended—

7 (A) by striking subsection (b); and

8 (B) by redesignating subsection (c) as sub-
9 section (b).

10 (16)(A) Section 2277 is repealed.

11 (B) The table of sections at the beginning of
12 chapter 135 is amended by striking the item relating
13 to section 2277.

14 (17) Section 2306b(1) is amended—

15 (A) by striking paragraphs (4) and (5);
16 and

17 (B) by redesignating paragraphs (6), (7),
18 (8), and (9) as paragraphs (4), (5), and (6),
19 and (7), respectively.

20 (18)(A) Section 2313a is repealed.

21 (B) The table of sections at the beginning of
22 chapter 137 is amended by striking the item relating
23 to section 2313a.

24 (19) Section 2330a is amended by striking sub-
25 section (c).

1 (20) Section 2350j is amended by striking sub-
2 section (f).

3 (21) Section 2410i(c) is amended by striking
4 the second sentence.

5 (22) Section 2475 is amended—

6 (A) by striking subsection (a); and

7 (B) by striking “(b) NOTIFICATION OF DE-
8 CISION TO EXECUTE PLAN.—”.

9 (23) Section 2506 is amended—

10 (A) by striking “(a) DEPARTMENTAL
11 GUIDANCE.—”; and

12 (B) by striking subsection (b).

13 (24) Section 2537 is amended—

14 (A) by striking subsection (b); and

15 (B) by redesignating subsection (c) as sub-
16 section (b).

17 (25) Section 2564 is amended—

18 (A) by striking subsection (e); and

19 (B) by redesignating subsections (f) and
20 (g) as subsection (e) and (f), respectively.

21 (26) Section 2831 is amended—

22 (A) by striking subsection (e);

23 (B) by redesignating subsection (f) as sub-
24 section (e); and

25 (C) in subsection (e), as so redesignated—

1 (i) by striking “(1) Except as pro-
2 vided in paragraphs (2) and (3), the Sec-
3 retary” and inserting “The Secretary”;

4 (ii) by striking paragraphs (2) and
5 (3); and

6 (iii) by redesignating subparagraphs
7 (A) and (B) as paragraphs (1) and (2), re-
8 spectively.

9 (27) Section 2859 is amended—

10 (A) by striking subsection (c); and

11 (B) by redesignating subsection (d) as sub-
12 section (c).

13 (28) Section 2861 is amended by striking sub-
14 section (d).

15 (29) Section 2866(b) is amended by striking
16 paragraph (3).

17 (30) Section 2912 is amended by striking sub-
18 section (d).

19 (31)(A) Section 4316 is repealed.

20 (B) The table of sections at the beginning of
21 chapter 401 is amended by striking the item relating
22 to section 4316.

23 (32) Section 5144(d) is amended—

24 (A) by striking “(1)” before “The Com-
25 mander”; and

1 (B) by striking paragraph (2).

2 (33) Section 10504 is amended—

3 (A) by striking “(a) ANNUAL REPORT.—”;

4 and

5 (B) by striking subsection (b).

6 (b) TITLE 32, UNITED STATES CODE.—Section 509

7 of title 32, United States Code, is amended—

8 (1) by striking subsection (k); and

9 (2) by redesignating subsections (l) and (m) as
10 subsections (k) and (l), respectively.

11 (c) TITLE 5, UNITED STATES CODE.—Section
12 9902(f)(2) of title 5, United States Code, is amended—

13 (1) by striking “(A)” after “(2)”; and

14 (2) by striking subparagraphs (B) and (C).

15 (d) DEPARTMENT OF DEFENSE AUTHORIZATION
16 ACT, 1985.—Section 1003 of the Department of Defense
17 Authorization Act, 1985 (Public Law 98–525; 22 U.S.C.
18 1928 note) is amended by striking subsections (c) and (d).

19 (e) NATIONAL DEFENSE AUTHORIZATION ACT, FIS-
20 CAL YEAR 1989.—Subsection (b) of section 1009 of the
21 National Defense Authorization Act, Fiscal Year 1989
22 (Public Law 100–456; 22 U.S.C. 1928 note) is repealed.

23 (f) NATIONAL DEFENSE AUTHORIZATION ACT FOR
24 FISCAL YEARS 1990 AND 1991.—Section 211 of the Na-
25 tional Defense Authorization Act for Fiscal Years 1990

1 and 1991 (Public Law 101–189; 103 Stat. 1394) is
2 amended by striking subsection (e).

3 (g) NATIONAL DEFENSE AUTHORIZATION ACT FOR
4 FISCAL YEAR 1991.—Section 1518 of the National De-
5 fense Authorization Act for Fiscal Year 1991 (Public Law
6 101–510; 24 U.S.C. 418) is amended—

7 (1) in subsection (c)(1), by striking “Congress
8 and” in the second sentence; and

9 (2) in subsection (e)—

10 (A) by striking paragraph (2);

11 (B) by striking “(1)” before “Not later
12 than”; and

13 (C) by redesignating subparagraphs (A)
14 and (B) as paragraphs (1) and (2), respectively.

15 (h) NATIONAL DEFENSE AUTHORIZATION ACT FOR
16 FISCAL YEAR 1994.—Section 1603 of the National De-
17 fense Authorization Act for Fiscal Year 1994 (Public Law
18 103–160; 22 U.S.C. 2751 note) is amended by striking
19 subsection (d).

20 (i) NATIONAL DEFENSE AUTHORIZATION ACT FOR
21 FISCAL YEAR 1995.—Section 533 of the National Defense
22 Authorization Act for Fiscal Year 1995 (Public Law 103–
23 337; 10 U.S.C. 113 note) is repealed.

24 (j) NATIONAL DEFENSE AUTHORIZATION ACT FOR
25 FISCAL YEAR 2000.—Section 366 of the National Defense

1 Authorization Act for Fiscal Year 2000 (Public Law 106–
2 65; 10 U.S.C. 113 note) is amended by striking subsection
3 (f).

4 (k) NATIONAL DEFENSE AUTHORIZATION ACT FOR
5 FISCAL YEAR 2002.—The National Defense Authoriza-
6 tion Act for Fiscal Year 2002 (Public Law 107–107) is
7 amended as follows:

8 (1) Section 346 (115 Stat. 1062) is amended—

9 (A) by striking subsections (b) and (c);

10 and

11 (B) by redesignating subsection (d) as sub-
12 section (b).

13 (2) Section 1008(d) (10 U.S.C. 113 note) is
14 amended—

15 (A) by striking “(1)” before “On each”;

16 and

17 (B) by striking paragraph (2).

18 (l) NATIONAL DEFENSE AUTHORIZATION ACT FOR
19 FISCAL YEAR 2003.—Section 817 of the Bob Stump Na-
20 tional Defense Authorization Act for Fiscal Year 2003
21 (Public Law 107–314; 10 U.S.C. 2306a note) is amend-
22 ed—

23 (1) by striking subsection (d); and

24 (2) by redesignating subsection (e) as sub-
25 section (d).

1 (m) NATIONAL DEFENSE AUTHORIZATION ACT FOR
2 FISCAL YEAR 2004.—Section 1022 of the National De-
3 fense Authorization Act for Fiscal Year 2004 (Public Law
4 108–136; 10 U.S.C. 271 note) is amended—

5 (1) by striking subsection (c); and

6 (2) by redesignating subsections (d) and (e) as
7 subsections (c) and (d), respectively.

8 (n) NATIONAL DEFENSE AUTHORIZATION ACT FOR
9 FISCAL YEAR 2006.—The National Defense Authoriza-
10 tion Act for Fiscal Year 2006 (Public Law 109–163) is
11 amended as follows:

12 (1) Section 123 (119 Stat. 3157) is amended—

13 (A) by striking subsection (d); and

14 (B) by redesignating subsection (e) as sub-
15 section (d).

16 (2) Section 218(c) (119 Stat. 3171) is amended
17 by striking paragraph (3).

18 (3) Section 1224 (10 U.S.C. 113 note) is re-
19 pealed.

20 (o) NATIONAL DEFENSE AUTHORIZATION ACT FOR
21 FISCAL YEAR 2007.—Section 357 of the John Warner
22 National Defense Authorization Act for Fiscal Year 2007
23 (Public Law 109–364; 22 U.S.C. 4865 note) is amend-
24 ed—

1 (1) by striking “(a) RECONCILIATION RE-
2 QUIRED.—”; and

3 (2) by striking subsection (b).

4 (p) NATIONAL DEFENSE AUTHORIZATION ACT FOR
5 FISCAL YEAR 2008.—The National Defense Authoriza-
6 tion Act for Fiscal Year 2008 (Public Law 110–181) is
7 amended as follows:

8 (1) Section 328 (10 U.S.C. 4544 note) is
9 amended by striking subsection (b).

10 (2) Section 330 (122 Stat. 68) is amended by
11 striking subsection (e).

12 (3) Section 845 (5 U.S.C. App. 5 note) is re-
13 pealed.

14 (q) NATIONAL DEFENSE AUTHORIZATION ACT FOR
15 FISCAL YEAR 2009.—The Duncan Hunter National De-
16 fense Authorization Act for Fiscal Year 2009 (Public Law
17 110–417) is amended as follows:

18 (1) Section 943 (122 Stat. 4578) is amended—

19 (A) by striking subsection (e); and

20 (B) by redesignating subsections (f), (g),
21 and (h) as subsections (e), (f), and (g), respec-
22 tively.

23 (2) Section 1014 (122 Stat. 4586) is amended
24 by striking subsection (c).

25 (3) Section 1048 (122 Stat. 4603) is repealed.

1 (r) NATIONAL DEFENSE AUTHORIZATION ACT FOR
2 FISCAL YEAR 2010.—Section 121 of the National Defense
3 Authorization Act for Fiscal Year 2010 (Public Law 111–
4 84; 123 Stat. 2211) is amended—

5 (1) by striking subsection (e); and

6 (2) by redesignating subsection (f) as sub-
7 section (e).

8 (s) NATIONAL DEFENSE AUTHORIZATION ACT FOR
9 FISCAL YEAR 2011.—The Ike Skelton National Defense
10 Authorization Act for Fiscal Year 2011 (Public Law 111–
11 383) is amended as follows:

12 (1) Section 112(b) (124 Stat. 4153) is amend-
13 ed—

14 (A) by striking paragraph (3); and

15 (B) by redesignating paragraph (4) as
16 paragraph (3).

17 (2) Section 243 (10 U.S.C. 2358 note) is
18 amended—

19 (A) by striking subsection (c); and

20 (B) by redesignating subsections (d) and
21 (e) as subsections (c) and (d), respectively.

22 (3) Section 866(d) (10 U.S.C. 2302 note) is
23 amended—

24 (A) by striking “(d) REPORTS.—” and all
25 that follows through “(2) PROGRAM ASSESS-

1 MENT.—If the Secretary” and inserting the fol-
2 lowing:

3 “(d) PROGRAM ASSESSMENT.—If the Secretary”;
4 and

5 (B) by redesignating subparagraphs (A),
6 (B), and (C) as paragraphs (1), (2), and (3),
7 respectively, and indenting the left margin of
8 such paragraphs, as so redesignated, two ems
9 from the left margin.

10 (4) Section 1054 (10 U.S.C. 113 note) is re-
11 pealed.

12 (t) NATIONAL DEFENSE AUTHORIZATION ACT FOR
13 FISCAL YEAR 2012.—The National Defense Authoriza-
14 tion Act for Fiscal Year 2012 (Public Law 112–81) is
15 amended as follows:

16 (1) Subsection (b) of section 1102 (5 U.S.C.
17 9902 note) is repealed.

18 (2) Section 1207 (22 U.S.C. 2151 note) is
19 amended—

20 (A) by striking subsection (n); and

21 (B) by redesignating subsections (o) and
22 (p) as subsections (n) and (o), respectively.

23 (3) Section 2828 (10 U.S.C. 7291 note) is
24 amended—

1 (A) by striking “(a) METERING RE-
2 QUIRED.—”; and

3 (B) by striking subsection (b).

4 (4) Section 2867 (10 U.S.C. 2223a note) is
5 amended by striking subsection (d).

6 (u) 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) Section 126 (126 Stat. 1657) is amended—

11 (A) by striking “(a) DESIGNATION RE-
12 QUIRED.—”; and

13 (B) by striking subsection (b).

14 (2) Section 144 (126 Stat. 1663) is amended
15 by striking subsection (c).

16 (3) Section 716 (10 U.S.C. 1074g note) is
17 amended—

18 (A) by striking subsection (e); and

19 (B) by redesignating subsections (f) and
20 (g) as subsections (e) and (f), respectively.

21 (4) Section 738(e) (10 U.S.C. 1071 note) is
22 amended—

23 (A) by striking “REPORTS REQUIRED.—”
24 and all that follows through “Not later than”
25 and inserting “REPORT.—Not later than”; and

1 (B) by striking paragraph (2).

2 (5) Section 865 (126 Stat. 1861) is repealed.

3 (6) Section 917 (126 Stat. 1878) is repealed.

4 (7) Subsection (c) of section 921 (126 Stat.
5 1878) is repealed.

6 (8) Subsection (c) of section 1079 (10 U.S.C.
7 221 note) is repealed.

8 (9) Section 1211(d) (126 Stat. 1983) is amend-
9 ed—

10 (A) by striking paragraph (3); and

11 (B) by redesignating paragraph (4) as
12 paragraph (3).

13 (10) Section 1273 (22 U.S.C. 2421f) is amend-
14 ed—

15 (A) by striking subsection (d); and

16 (B) by redesignating subsection (e) as sub-
17 section (d).

18 (11) Section 1276 (10 U.S.C. 2350c note) is
19 amended—

20 (A) by striking subsection (e); and

21 (B) by redesignating subsections (f) and
22 (g) as subsections (e) and (f), respectively.

23 (v) NATIONAL DEFENSE AUTHORIZATION ACT FOR
24 FISCAL YEAR 2014.—The National Defense Authoriza-

1 tion Act for Fiscal Year 2014 (Public Law 113–66) is
2 amended as follows:

3 (1) Section 907(c)(3) (10 U.S.C. 1564 note) is
4 amended—

5 (A) by striking “METRICS.—” and all that
6 follows through “In developing the strategy”
7 and inserting “METRICS.—In developing the
8 strategy”; and

9 (B) by striking subparagraph (B).

10 (2) Section 923 (10 U.S.C. prec. 421 note) is
11 amended—

12 (A) by striking subsection (b); and

13 (B) by redesignating subsections (c), (d),
14 and (e) as subsections (b), (c), and (d), respec-
15 tively.

16 (3) Section 1249 (127 Stat. 925) is repealed.

17 (4) Section 1611 (127 Stat. 947) is amended
18 by striking subsection (d).

19 (5) Section 2916 (127 Stat. 1028) is amend-
20 ed—

21 (A) by striking “(a) PROGRAM OF DECON-
22 TAMINATION REQUIRED.—”; and

23 (B) by striking subsection (b).

24 (w) NATIONAL DEFENSE AUTHORIZATION ACT FOR
25 FISCAL YEAR 2015.—The Carl Levin and Howard P.

1 “Buck” McKeon National Defense Authorization Act for
2 Fiscal Year 2015 (Public Law 113–291) is amended as
3 follows:

4 (1) Section 232 (10 U.S.C. 2358 note) is
5 amended—

6 (A) by striking subsection (e); and

7 (B) by redesignating subsections (f) and
8 (g) as subsections (e) and (f), respectively.

9 (2) Section 914(d) (5 U.S.C. 5911 note) is
10 amended—

11 (A) by striking paragraphs (2) and (3);

12 and

13 (B) by redesignating paragraph (4) as
14 paragraph (2).

15 (3) Section 1052(b) (128 Stat. 3497) is amend-
16 ed—

17 (A) by striking paragraph (2);

18 (B) by striking “REPORTS REQUIRED.—”

19 and all that follows through “Not later than”
20 and inserting “REPORT.—Not later than”; and

21 (C) by redesignating subparagraphs (A),
22 (B), and (C) as paragraphs (1), (2), and (3)
23 and indenting the left margin of such para-
24 graphs, as so redesignated, two ems from the
25 left margin.

1 (4) Section 1207 (10 U.S.C. 2342 note) is
2 amended—

3 (A) by striking subsection (d); and

4 (B) by redesignating subsections (e) and
5 (f) as subsections (d) and (e), respectively.

6 (5) Section 1209 (128 Stat. 3542) is amended
7 by striking subsection (d).

8 (6) Section 1236 (128 Stat. 3559) is amended
9 by striking subsection (d).

10 (7) Section 1325 (50 U.S.C. 3715) is amend-
11 ed—

12 (A) by striking subsection (e); and

13 (B) by redesignating subsections (f) and
14 (g) as subsections (e) and (f), respectively.

15 (8) Section 1341 (50 U.S.C. 3741) is repealed.

16 (9) Section 1342 (50 U.S.C. 3742) is repealed.

17 (10) Section 1532(b) (128 Stat. 3613) is
18 amended by striking paragraph (5).

19 (11) Section 1534 (128 Stat. 3616) is amend-
20 ed—

21 (A) by striking subsection (g); and

22 (B) by redesignating subsection (h) as sub-
23 section (g).

24 (12) Section 1607 (128 Stat. 3625) is amend-
25 ed—

1 (A) by striking subsection (b);

2 (B) by redesignating subsections (c) and
3 (d) as subsections (b) and (c), respectively; and

4 (C) in subsection (c), as redesignated by
5 subparagraph (B), by striking “requirements
6 under subsections (a) and (b)” and inserting
7 “requirement in subsection (a)”.

8 (x) INTELLIGENCE REFORM AND TERRORISM PRE-
9 VENTION ACT OF 2004.—Section 3002(c) of the Intel-
10 ligence Reform and Terrorism Prevention Act of 2004 (50
11 U.S.C. 3343(c)) is amended by striking paragraph (4).

12 **SEC. 1069. ANNUAL REPORTS ON APPROVAL OF EMPLOY-**
13 **MENT OR COMPENSATION OF RETIRED GEN-**
14 **ERAL OR FLAG OFFICERS BY FOREIGN GOV-**
15 **ERNMENTS FOR EMOLUMENTS CLAUSE PUR-**
16 **POSES.**

17 (a) ANNUAL REPORTS.—Section 908 of title 37,
18 United States Code, is amended by adding at the end the
19 following new subsection:

20 “(d) ANNUAL REPORTS ON APPROVALS FOR RE-
21 TIRED GENERAL AND FLAG OFFICERS.—(1) Not later
22 than January 31 each year, the Secretaries of the military
23 departments shall jointly submit to the appropriate com-
24 mittees and Members of Congress a report on each ap-
25 proval under subsection (b) for employment or compensa-

1 tion described in subsection (a) for a retired member of
2 the armed forces in a general or flag officer grade that
3 was issued during the preceding year.

4 “(2) In this subsection, the appropriate committees
5 and Members of Congress are—

6 “(A) the Committee on Armed Services, the
7 Committee on Foreign Relations, and the Committee
8 on Appropriations of the Senate;

9 “(B) the Committee on Armed Services, the
10 Committee on Foreign Affairs, and the Committee
11 on Appropriations of the House of Representatives;

12 “(C) the Majority Leader and the Minority
13 Leader of the Senate; and

14 “(D) the Speaker of the House of Representa-
15 tives and the Minority Leader of the House of Rep-
16 resentatives.”.

17 (b) SCOPE OF FIRST REPORT.—The first report sub-
18 mitted pursuant to subsection (d) of section 908 of title
19 37, United States Code (as added by subsection (a) of this
20 section), after the date of the enactment of this Act shall
21 cover the five-year period ending with the year before the
22 year in which such report is submitted.

1 **SEC. 1070. ANNUAL REPORT ON CIVILIAN CASUALTIES IN**
2 **CONNECTION WITH UNITED STATES MILI-**
3 **TARY OPERATIONS.**

4 (a) ANNUAL REPORT REQUIRED.—Not later than
5 May 1 each year, the Secretary of Defense shall submit
6 to the congressional defense committees a report on civil-
7 ian casualties caused as a result of United States military
8 operations during the preceding year.

9 (b) ELEMENTS.—Each report under subsection (a)
10 shall set forth the following:

11 (1) A list of all the United States military oper-
12 ations during the year covered by such report that
13 were confirmed to have resulted in civilian casual-
14 ties.

15 (2) For each military operation listed pursuant
16 to paragraph (1), the following:

17 (A) The date.

18 (B) The location.

19 (C) The type of operation.

20 (D) The confirmed number of civilian cas-
21 ualties.

22 (c) FORM.—Each report under subsection (a) shall
23 be submitted in unclassified form, but may include a clas-
24 sified annex.

1 (d) SUNSET.—The requirement to submit a report
2 under subsection (a) shall expire on the date that is five
3 years after the date of the enactment of this Act.

4 **SEC. 1071. REPORT ON LARGE-SCALE, JOINT EXERCISES IN-**
5 **VOLVING THE AIR AND LAND DOMAINS.**

6 (a) FINDINGS.—Congress makes the following find-
7 ings:

8 (1) General Milley has stated that the Army
9 would experience “High Military Risk” against
10 emerging threats or great power conflict.

11 (2) General Goldfein has stated that “for 15
12 consecutive years, the Army’s been decisively com-
13 mitted to Iraq and Afghanistan and other counter
14 terrorist, counter insurgency type operations. In
15 order to do that, [the Air Force] essentially came off
16 of a core warfare fighting skills of combined arms
17 maneuver against a near peer or a higher end
18 threat”.

19 (3) The United States has grown accustomed to
20 technological supremacy and weapons overmatch to
21 deter and defeat potential adversaries.

22 (4) The Department of Defense conducts sev-
23 eral large-scale, joint exercises that stress interoper-
24 ability in contested air and sea domains, including
25 the VALIANT SHIELD, NORTHERN EDGE, and

1 RIMPAC exercises, yet few large-scale, joint Army
2 and Air Force exercises exist to stress interoper-
3 ability in contested air and land domains.

4 (5) Large-scale, joint training exercises that
5 stress interoperability across domains are a vital
6 part of establishing and maintaining military readi-
7 ness for conflicts involving near-peer competitors.

8 (6) It is to the benefit of the United States and
9 the North Atlantic Treaty Organization (NATO) to
10 train to contested air and land operations in order
11 to increase joint and coalition readiness, as well as
12 to correct capability gaps in the European theatre of
13 operations that may be discovered during these exer-
14 cises.

15 (b) REPORT REQUIRED.—Not later than 180 days
16 after the date of the enactment of this Act, the Secretary
17 of the Defense shall submit to the congressional defense
18 committees a report on the following:

19 (1) Existing large-scale, joint exercises involving
20 the air and land domains.

21 (2) Plans to expand the scale and scope of the
22 exercises described in paragraph (1).

23 (3) Plans to conduct new large-scale, joint exer-
24 cises in the domains referred to in paragraph (1).

1 (c) POTENTIAL LOCATIONS FOR EXPANDED OR NEW
2 EXERCISES.—The report under subsection (b) shall in-
3 clude an analysis of potential locations for the expanded
4 or new exercises covered by the plans described in para-
5 graphs (2) and (3) of that subsection, with priority given
6 to locations that facilitate training by and with—

7 (1) sufficient overlapping airspace and ground
8 range capabilities and capacity to meet the training
9 requirements for operating within an anti-access
10 area denial (A2/AD) environment for air and ground
11 operations;

12 (2) the ability to host bilateral and multilateral
13 training opportunities with international partners in
14 both the air and land domains;

15 (3) limited encroachments that adversely impact
16 training or operations;

17 (4) robust use of the electromagnetic spectrum,
18 including global positioning system (GPS), atmos-
19 pheric, and communications-jamming;

20 (5) minimization of adversary intelligence col-
21 lection capabilities;

22 (6) realistic replication of diverse geographic,
23 topographic, and weather environments in which a
24 near-peer combined air and ground campaign might
25 occur;

1 (7) existing facilities to support personnel, oper-
2 ations, and logistics associated with the flying mis-
3 sions and ground maneuver missions; and

4 (8) minimization of overall construction and
5 operational costs.

6 **SEC. 1072. DEPARTMENT OF DEFENSE REVIEW OF NAVY CA-**
7 **PABILITIES IN THE ARCTIC REGION.**

8 (a) REPORT ON CAPABILITIES.—

9 (1) IN GENERAL.—Not later than 180 days
10 after the date of the enactment of this Act, the Sec-
11 retary of the Navy shall submit to the congressional
12 defense committees a report on the capabilities of
13 the Navy in the Arctic region.

14 (2) ELEMENTS.—The report required by para-
15 graph (1) shall include an analysis of the following:

16 (A) The current naval capabilities of the
17 Department of Defense in the Arctic region,
18 with a particular emphasis on surface capabili-
19 ties.

20 (B) Any gaps that exist between the cur-
21 rent naval capabilities described in paragraph
22 (1) and the ability of the Department to fully
23 execute its updated strategy for the Arctic re-
24 gion.

1 (C) Any gaps in the capabilities described
2 in paragraph (1) that require ice-hardening of
3 existing vessels or the construction of new ves-
4 sels to preserve freedom of navigation in the
5 Arctic region whenever and wherever necessary.

6 (D) An analysis and recommendation of
7 which Navy vessels could be ice-hardened to ef-
8 fectively preserve freedom of navigation in the
9 Arctic region when and where necessary, in all
10 seasons and weather conditions.

11 (E) An analysis of any cost increases or
12 schedule adjustments that may result from ice-
13 hardening existing or new Navy vessels

14 (b) COMPTROLLER GENERAL OF THE UNITED
15 STATES REVIEW.—Not later than 90 days after the date
16 on which the Secretary submits the report required by
17 subsection (a), the Comptroller General of the United
18 States shall submit to the congressional defense commit-
19 tees a review of the report, including any matters in con-
20 nection with the report and the review that the Comp-
21 troller General considers appropriate.

22 (c) FORM.—The report under subsection (a) and the
23 review under subsection (b) shall each be submitted in un-
24 classified form, but may include a classified annex.

1 **SEC. 1073. BUSINESS CASE ANALYSIS ON ESTABLISHMENT**
2 **OF ACTIVE DUTY ASSOCIATION AND ADDI-**
3 **TIONAL PRIMARY AIRCRAFT AUTHORIZA-**
4 **TIONS FOR THE 168TH AIR REFUELING WING.**

5 (a) BUSINESS CASE ANALYSIS.—The Secretary of
6 the Air Force shall conduct a business case analysis on
7 the establishment of an active or classic association with
8 the 168th Air Refueling Wing.

9 (b) ELEMENTS.—The business case analysis con-
10 ducted under subsection (a) shall address the following:

11 (1) Consideration of the addition of two F-35A
12 squadrons at Eielson Air Force Base, Alaska, in
13 2020, and an examination of future shortfalls in air
14 refueling requirements due to such additional air-
15 craft.

16 (2) An analysis of potential benefits of adding
17 four primary aircraft authorizations (PAA) for KC-
18 135R tanker aircraft to the 168th Air Refueling
19 Wing.

20 (3) Identification of efficiencies and cost sav-
21 ings to be achieved by the 168th Air Refueling Wing
22 after an active or classic association is in place in
23 comparison with temporarily assigned tanker aug-
24 mentation rotations.

1 (1) Anti-submarine warfare rotary wing air-
2 craft.

3 (2) Search and rescue rotary wing aircraft.

4 **Subtitle G—Other Matters**

5 **SEC. 1081. PROTECTION AGAINST MISUSE OF NAVAL SPE-** 6 **CIAL WARFARE COMMAND INSIGNIA.**

7 (a) IN GENERAL.—Chapter 663 of title 10, United
8 States Code, is amended by adding at the end the fol-
9 lowing new section:

10 **“§ 7882. Protection against misuse of insignia of** 11 **Naval Special Warfare Command**

12 “(a) PROTECTION AGAINST MISUSE.—Subject to
13 subsection (b), no person may use any covered Naval Spe-
14 cial Warfare insignia in connection with any promotion,
15 good, service, or other commercial activity when a par-
16 ticular use would be likely to suggest a false affiliation,
17 connection, or association with, endorsement by, or ap-
18 proval of, the United States Government, the Department
19 of Defense, or the Department of the Navy.

20 “(b) EXCEPTION.—Subsection (a) shall not apply to
21 the use of a covered Naval Special Warfare insignia for
22 purposes such as criticism, comment, news reporting,
23 analysis, research, or scholarship.

24 “(c) TREATMENT OF DISCLAIMERS.—Any determina-
25 tion of whether a person has violated this section shall

1 be made without regard to any use of a disclaimer of affli-
2 ation, connection, or association with, endorsement by, or
3 approval of the United States Government, the Depart-
4 ment of Defense, the Department of the Navy, or any sub-
5 ordinate organization thereof to the extent consistent with
6 international obligations of the United States.

7 “(d) ENFORCEMENT.—Whenever it appears to the
8 Attorney General that any person is engaged in, or is
9 about to engage in, an act or practice that constitutes or
10 will constitute conduct prohibited by this section, the At-
11 torney General may initiate a civil proceeding in a district
12 court of the United States to enjoin such act or practice,
13 and such court may take such injunctive or other action
14 as is warranted to prevent the act, practice, or conduct.

15 “(e) RULE OF CONSTRUCTION.—Nothing in this sec-
16 tion shall be construed to limit the authority of the Sec-
17 retary of the Navy to register any symbol, name, phrase,
18 term, acronym, or abbreviation otherwise capable of reg-
19 istration under the provisions of the Act of July 5, 1946,
20 popularly known as the Lanham Act or the Trademark
21 Act of 1946 (15 U.S.C. 1051 et seq.).

22 “(f) COVERED NAVAL SPECIAL WARFARE INSIGNIA
23 DEFINED.—In this section, the term ‘covered Naval Spe-
24 cial Warfare insignia’ means any of the following:

1 “(1) The Naval Special Warfare insignia com-
2 prising or consisting of the design of an eagle hold-
3 ing an anchor, trident, and flint-lock pistol.

4 “(2) The Special Warfare Combatant Craft
5 Crewman insignia comprising or consisting of the
6 design of the bow and superstructure of a Special
7 Operations Craft on a crossed flint-lock pistol and
8 enlisted cutlass, on a background of ocean swells.

9 “(3) Any colorable imitation of the insignia re-
10 ferred to in paragraphs (1) and (2), in a manner
11 which could reasonably be interpreted or construed
12 as conveying the false impression that an advertise-
13 ment, solicitation, business activity, or product is in
14 any manner approved, endorsed, sponsored, or au-
15 thorized by, or associated with, the United States
16 Government, the Department of Defense, or the De-
17 partment of the Navy.”.

18 (b) CLERICAL AMENDMENT.—The table of sections
19 at the beginning of chapter 663 of such title is amended
20 by adding at the end the following new item:

“7882. Protection against misuse of insignia of Naval Special Warfare Com-
mand.”.

1 **SEC. 1082. COLLABORATIONS BETWEEN THE ARMED**
2 **FORCES AND CERTAIN NON-FEDERAL ENTI-**
3 **TIES ON SUPPORT OF ARMED FORCES MIS-**
4 **SIONS ABROAD.**

5 (a) FINDING.—The Senate finds that qualified non-
6 Federal entities have contributed to enhance the effective-
7 ness of the mission of the Department of Defense through
8 the provision of private humanitarian, economic, and other
9 non-lethal assistance from United States citizens in re-
10 sponse to local needs identified by members of the Armed
11 Forces in areas in which the Armed Forces are deployed
12 abroad.

13 (b) SENSE OF SENATE.—It is the sense of the Senate
14 that United States military commanders should collabo-
15 rate with and, consistent with applicable laws and regula-
16 tions, provide transportation, lodging, and other logistical
17 support to qualified non-Federal entities to advance mis-
18 sions of the Armed Forces abroad.

19 (c) GUIDANCE ON COLLABORATIONS.—

20 (1) REVIEW OF CURRENT GUIDANCE.—Not
21 later than 120 days after the date of the enactment
22 of this Act, the Secretary of Defense shall conduct
23 a review of the guidance of the Department of De-
24 fense applicable to collaborations between United
25 States military commanders and qualified non-Fed-

1 eral entities for support of missions of the Armed
2 Forces abroad.

3 (2) ADDITIONAL GUIDANCE.—If the Secretary
4 determines pursuant to the review that additional
5 guidance is required in connection with collabora-
6 tions described in paragraph (1), the Secretary shall,
7 not later than 180 days after the date of the enact-
8 ment of this Act, issue such additional guidance as
9 the Secretary considers appropriate in light of the
10 review, consistent with applicable law.

11 (3) BRIEFING.—Not later than 150 days after
12 the date of the enactment of this Act, the Secretary
13 shall provide to the Committees on Armed Services
14 of the Senate and the House of Representatives a
15 briefing on the findings of the review, including rec-
16 ommendations for such legislative action as the Sec-
17 retary considers appropriate to facilitate collabora-
18 tion between United States military commanders
19 and qualified non-Federal entities for support of
20 missions of the Armed Forces abroad.

21 (d) QUALIFIED NON-FEDERAL ENTITY DEFINED.—
22 In this section, the term “qualified non-Federal entity”
23 means an organization that—

24 (1) is based in the United States;

1 (2) has an independent board of directors and
2 is subject to independent financial audits;

3 (3) is privately-funded;

4 (4) is described in section 501(c)(3) of the In-
5 ternal Revenue Code of 1986 and is exempt from
6 taxation under section 501(a) of such Code;

7 (5) provides international humanitarian, eco-
8 nomic, or other non-lethal assistance;

9 (6) is a Private Voluntary Organization reg-
10 istered with the United States Agency for Inter-
11 national Development; and

12 (7) has a stated mission of supporting the safe-
13 ty and security of members of the Armed Forces, ci-
14 vilian personnel of the United States, and United
15 States missions abroad.

16 **SEC. 1083. FEDERAL CHARTER FOR SPIRIT OF AMERICA.**

17 (a) FEDERAL CHARTER.—

18 (1) IN GENERAL.—Part B of subtitle II of title
19 36, United States Code, is amended by inserting
20 after chapter 2003 the following new chapter:

21 **“CHAPTER 2005—SPIRIT OF AMERICA**

“Sec.

“200501. Organization.

“200502. Purposes.

“200503. Powers.

“200504. Duty to maintain tax-exempt status.

“200505. Annual report.

1 **“§ 200501. Organization**

2 “(a) FEDERAL CHARTER.—Spirit of America (in this
3 chapter ‘the corporation’), a nonprofit corporation, is a
4 federally chartered corporation.

5 “(b) EXPIRATION OF CHARTER.—If the corporation
6 does not comply with the provisions of this chapter, the
7 charter granted by this chapter expires.

8 “(c) SCOPE OF CHARTER.—Nothing in the charter
9 granted by this chapter shall be construed as conferring
10 special rights or privileges upon the corporation, or as
11 placing upon the Department of Defense any obligation
12 with respect to the corporation.

13 “(d) NO CLAIM OF GOVERNMENTAL APPROVAL OR
14 AUTHORITY.—The corporation may not claim approval of
15 Congress, or the authority of the United States, for any
16 activity of 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
23 Armed Forces and diplomats of the United States
24 abroad.

1 “(2) To provide privately-funded humanitarian,
2 economic, and other nonlethal assistance to address
3 such needs.

4 “(3) To support the safety and success of mem-
5 bers of the Armed Forces and diplomats of the
6 United States abroad.

7 “(4) To connect the people of the United States
8 more closely to the members of the Armed Forces
9 and diplomats of the United States abroad, and to
10 the missions carried out by such personnel abroad.

11 “(5) To demonstrate the goodwill of the people
12 of the United States to peoples around the world.

13 **“§ 200503. Powers**

14 “The corporation may—

15 “(1) adopt and amend a constitution, by-laws,
16 and regulations to carry out the purposes of the cor-
17 poration;

18 “(2) adopt and alter a corporate seal;

19 “(3) establish and maintain offices to conduct
20 its activities;

21 “(4) enter into contracts;

22 “(5) acquire, own, lease, encumber, and trans-
23 fer property as necessary and appropriate to carry
24 out the purposes of the corporation;

1 “(6) establish, regulate, and discontinue subor-
 2 dinate State and territorial subdivisions and local
 3 chapters or posts;

4 “(7) publish a magazine and other publications
 5 (including through the Internet);

6 “(8) sue and be sued; and

7 “(9) do any other act necessary and proper to
 8 carry out the purposes of the corporation as pro-
 9 vided in its constitution, by-laws, and regulations.

10 **“§ 200504. Duty to maintain tax-exempt status**

11 “The corporation shall maintain its status as an or-
 12 ganization exempt from taxation under the Internal Rev-
 13 enue Code of 1986.

14 **“§ 200505. Annual report**

15 “The corporation shall submit an annual report to
 16 Congress on the activities of the corporation during the
 17 prior fiscal year. The report shall be submitted as the
 18 same time as the report of the audit required by section
 19 10101 of this title. The report may not be printed as pub-
 20 lic document.”.

21 (2) TABLES OF CHAPTERS.—The table of chap-
 22 ters at the beginning of title 36, United States Code,
 23 and at the beginning of subtitle II of such title, are
 24 each amended by inserting after the item relating to
 25 chapter 2003 the following new item:

“2005. Spirit of America200501.”.

1 (b) DISTRIBUTION OF CORPORATION ASSISTANCE
2 ABROAD THROUGH DEPARTMENT OF DEFENSE.—

3 (1) ACCEPTANCE AND COORDINATION OF AS-
4 SISTANCE.—The Department of Defense (including
5 members of the Armed Forces) may, in the discre-
6 tion of the Secretary of Defense and in accordance
7 with guidance issued by the Secretary—

8 (A) accept from Spirit of America, a feder-
9 ally-chartered corporation under chapter 2005
10 of title 36, United States Code (as added by
11 subsection (a)), humanitarian, economic, and
12 other nonlethal assistance funded by private
13 funds in the carrying out of the purposes of the
14 corporation; and

15 (B) respond to requests from the corpora-
16 tion for the identification of the needs of local
17 populations abroad for assistance, and coordi-
18 nate with the corporation in the provision and
19 distribution of such assistance, in the carrying
20 out of such purposes.

21 (2) DISTRIBUTION OF ASSISTANCE TO LOCAL
22 POPULATIONS.—In accordance with guidance issued
23 by the Secretary, members of the Armed Forces
24 abroad may provide to local populations abroad hu-
25 manitarian, economic, and other nonlethal assistance

1 provided to the Department by the corporation pur-
2 suant to this subsection.

3 (3) SCOPE OF GUIDANCE.—The guidance issued
4 pursuant to this subsection shall ensure that any as-
5 sistance distributed pursuant to this subsection shall
6 be for purposes of supporting the mission or mis-
7 sions of the Department and the Armed Forces for
8 which such assistance is provided by the corporation.

9 (4) DoD SUPPORT FOR CORPORATION ACTIVI-
10 TIES.—In accordance with guidance issued by the
11 Secretary, the Department and the Armed Forces
12 may—

13 (A) provide transportation, lodging, stor-
14 age, and other logistical support—

15 (i) to personnel of the corporation
16 (whether in the United States or abroad)
17 who are carrying out the purposes of the
18 corporation; and

19 (ii) in connection with the acceptance
20 and distribution of assistance provided by
21 the corporation; and

22 (B) use assets of the Department and the
23 Armed Forces in the provision of support de-
24 scribed in subparagraph (A).

1 full-body exposure to mustard gas or lewisite, such
2 Secretary—

3 (A) shall presume that the veteran experi-
4 enced full-body exposure to mustard gas or lew-
5 isite, as the case may be, unless proven other-
6 wise; and

7 (B) may not use information contained in
8 the DoD and VA Chemical Biological Warfare
9 Database or any list of known testing sites for
10 mustard gas or lewisite maintained by the De-
11 partment of Veterans Affairs or the Depart-
12 ment of Defense as the sole reason for deter-
13 mining that the veteran did not experience full-
14 body exposure to mustard gas or lewisite.

15 (4) REPORT.—Not later than 90 days after the
16 date of the enactment of this Act, and not less fre-
17 quently than once every 90 days thereafter, the Sec-
18 retary of Veterans Affairs shall submit to the appro-
19 priate committees of Congress a report specifying
20 any claims reconsidered under paragraph (1) that
21 were denied during the 90-day period preceding the
22 submittal of the report, including the rationale for
23 each such denial.

24 (b) DEVELOPMENT OF POLICY.—Not later than one
25 year after the date of the enactment of this Act, the Sec-

1 retary of Veterans Affairs and the Secretary of Defense
2 shall jointly establish a policy for processing future claims
3 for compensation under chapter 11 of title 38, United
4 States Code, that the Secretary of Veterans Affairs deter-
5 mines are in connection with exposure to mustard gas or
6 lewisite during active military, naval, or air service during
7 World War II.

8 (c) INVESTIGATION AND REPORT BY SECRETARY OF
9 DEFENSE.—Not later than 180 days after the date of the
10 enactment of this Act, the Secretary of Defense shall—

11 (1) for purposes of determining whether a site
12 should be added to the list of the Department of De-
13 fense of sites where mustard gas or lewisite testing
14 occurred, investigate and assess sites where—

15 (A) the Army Corps of Engineers has un-
16 covered evidence of mustard gas or lewisite test-
17 ing; or

18 (B) more than two veterans have sub-
19 mitted claims for compensation under chapter
20 11 of title 38, United States Code, in connec-
21 tion with exposure to mustard gas or lewisite at
22 such site and such claims were denied; and

23 (2) submit to the appropriate committees of
24 Congress a report on experiments conducted by the
25 Department of Defense during World War II to as-

1 sess the effects of mustard gas and lewisite on peo-
2 ple, which shall include—

3 (A) a list of each location where such an
4 experiment occurred, including locations inves-
5 tigated and assessed under paragraph (1);

6 (B) the dates of each such experiment; and

7 (C) the number of members of the Armed
8 Forces who were exposed to mustard gas or
9 lewisite in each such experiment.

10 (d) INVESTIGATION AND REPORT BY SECRETARY OF
11 VETERANS AFFAIRS.—Not later than 180 days after the
12 date of the enactment of this Act, the Secretary of Vet-
13 erans Affairs shall—

14 (1) investigate and assess—

15 (A) the actions taken by the Secretary to
16 reach out to individuals who had been exposed
17 to mustard gas or lewisite in the experiments
18 described in subsection (c)(2)(A); and

19 (B) the claims for disability compensation
20 under laws administered by the Secretary that
21 were filed with the Secretary and the percent-
22 age of such claims that were denied by the Sec-
23 retary; and

24 (2) submit to the appropriate committees of
25 Congress—

1 (A) a report on the findings of the Sec-
2 retary with respect to the investigations and as-
3 sessments carried out under paragraph (1); and

4 (B) a comprehensive list of each location
5 where an experiment described in subsection
6 (c)(2)(A) was conducted.

7 (e) DEFINITIONS.—In this section:

8 (1) The terms “active military, naval, or air
9 service”, “veteran”, and “World War II” have the
10 meanings given such terms in section 101 of title 38,
11 United States Code.

12 (2) The term “appropriate committees of Con-
13 gress” means—

14 (A) the Committee on Veterans’ Affairs,
15 the Committee on Armed Services, and the Spe-
16 cial Committee on Aging of the Senate; and

17 (B) the Committee on Veterans’ Affairs
18 and the Committee on Armed Services of the
19 House of Representatives.

20 (3) The term “full-body exposure”, with respect
21 to mustard gas or lewisite, has the meaning given
22 that term by the Secretary of Defense.

1 **SEC. 1085. PRIZE COMPETITION TO IDENTIFY ROOT CAUSE**
2 **OF PHYSIOLOGICAL EPISODES ON NAVY, MA-**
3 **RINE CORPS, AND AIR FORCE TRAINING AND**
4 **OPERATIONAL AIRCRAFT.**

5 (a) IN GENERAL.—Under the authority of section
6 2374a of title 10, United States Code, and section 24 of
7 the Stevenson-Wydler Technology Innovation Act of 1980
8 (15 U.S.C. 3719), the Secretary of Defense, in consulta-
9 tion with the Secretary of the Navy, the Secretary of the
10 Air Force, the Commandant of the Marine Corps, and the
11 heads of any other appropriate Federal agencies that have
12 experience in prize competitions, and when appropriate,
13 in coordination with private organizations, may establish
14 a prize competition designed to accelerate identification of
15 the root cause or causes of physiological episodes experi-
16 enced in Navy, Marine Corps, and Air Force training and
17 operational aircraft.

18 (b) AUTHORIZATION OF APPROPRIATIONS.—There is
19 authorized to be appropriated \$10,000,000 for fiscal year
20 2018 to carry out this section.

21 (c) SUPPLEMENT NOT SUPPLANT.—Any funds made
22 available pursuant to this section are in addition to any
23 other amount made available for research on identification
24 of root cause or causes of physiological episodes experi-
25 enced in Navy, Marine Corps, and Air Force training and
26 operational aircraft.

1 **SEC. 1086. EXCEPTION TO THE INTERDEPARTMENTAL**
2 **WAIVER DOCTRINE FOR CLEANUP OF VEHI-**
3 **CLE CRASHES.**

4 (a) **RESPONSIBILITY FOR CLEANUP.**—Notwith-
5 standing the interdepartmental waiver doctrine, the Sec-
6 retary of Defense may, at the request of the affected Fed-
7 eral department or agency, expend funds necessary for
8 cleanup resulting from an activity of the Department of
9 Defense involving a vehicle crash on land or other property
10 under the jurisdiction of another Federal department or
11 agency.

12 (b) **SCOPE.**—The authority under subsection (a) in-
13 cludes expenditures necessary to complete cleanup to meet
14 the regulations of the affected department or agency,
15 which may be different than the regulations applicable to
16 the Department.

17 **SEC. 1087. TRANSFER OF SURPLUS FIREARMS TO COR-**
18 **PORATION FOR THE PROMOTION OF RIFLE**
19 **PRACTICE AND FIREARMS SAFETY.**

20 (a) **IN GENERAL.**—Section 40728(h) of title 36,
21 United States Code, is amended—

22 (1) by striking “(1) Subject to paragraph (2),
23 the Secretary may transfer” and inserting “The Sec-
24 retary shall transfer”; and

1 (2) by striking “The Secretary shall determine
2 a reasonable schedule for the transfer of such sur-
3 plus pistols.”.

4 (b) SALE OF M1911/M1911A1 PISTOLS.—

5 (1) SALE.—Any M1911/M1911A1 pistols sold
6 under the Civilian Marksmanship Program under
7 subchapter II of chapter 407 of title 36, United
8 States Code, shall be sold at fair market value.

9 (2) DISPOSITION OF PROCEEDS.—Any proceeds
10 of the sale of M1911/M1911A1 pistols pursuant to
11 paragraph (1), less transfer and storage costs, shall
12 be covered over into the Treasury as miscellaneous
13 receipts.

14 **TITLE XI—CIVILIAN PERSONNEL**
15 **MATTERS**

16 **Subtitle A—Department of Defense**
17 **Matters**

18 **SEC. 1101. PILOT PROGRAM ON ENHANCED PERSONNEL**
19 **MANAGEMENT SYSTEM FOR CYBERSECURITY**
20 **AND LEGAL PROFESSIONALS IN THE DEPART-**
21 **MENT OF DEFENSE.**

22 (a) PILOT PROGRAM REQUIRED.—The Secretary of
23 Defense shall carry out within the Department of Defense
24 a pilot program to assess the feasibility and advisability
25 of an enhanced personnel management system in accord-

1 ance with this section for cybersecurity and legal profes-
2 sionals in the Department described in subsection (b) who
3 enter civilian service with the Department on or after Jan-
4 uary 1, 2020.

5 (b) CYBERSECURITY AND LEGAL PROFESSIONALS.—

6 (1) IN GENERAL.—The cybersecurity and legal
7 professionals described in this subsection are the fol-
8 lowing:

9 (A) Civilian cybersecurity professionals in
10 the Department of Defense consisting of civilian
11 personnel engaged in or directly supporting
12 planning, commanding and controlling, training,
13 developing, acquiring, modifying, and operating
14 systems and capabilities, and military units and
15 intelligence organizations (other than those
16 funded by the National Intelligence Program)
17 that are directly engaged in or used for offen-
18 sive and defensive cyber and information war-
19 fare or intelligence activities in support thereof.

20 (B) Civilian legal professionals in the De-
21 partment occupying legal or similar positions,
22 as determined by the Secretary of Defense for
23 purposes of the pilot program, that require eli-
24 gibility to practice law in a State or territory of
25 the United States.

1 (2) INAPPLICABILITY TO SES POSITIONS.—The
2 pilot program shall not apply to positions within the
3 Senior Executive Service under subchapter VIII of
4 chapter 53 of title 5, United States Code.

5 (c) DIRECT-APPOINTMENT AUTHORITY.—

6 (1) INAPPLICABILITY OF GENERAL CIVIL SERV-
7 ICE APPOINTMENT AUTHORITIES TO APPOINT-
8 MENTS.—Under the pilot program, the Secretary of
9 Defense, with respect to the Defense Agencies, and
10 the Secretary of the military department concerned,
11 with respect to the military departments, may ap-
12 point qualified candidates as cybersecurity and legal
13 professionals without regard to the provisions of
14 subchapter I of chapter 33 of title 5, United States
15 Code.

16 (2) APPOINTMENT ON DIRECT-HIRE BASIS.—
17 Appointments under the pilot program shall be made
18 on a direct-hire basis.

19 (d) TERM APPOINTMENTS.—

20 (1) RENEWABLE TERM APPOINTMENTS.—Each
21 individual shall serve with the Department of De-
22 fense as a cybersecurity or legal professional under
23 the pilot program pursuant to an initial appointment
24 to service with the Department for a term of not less
25 than 2 years nor more than 8 years. Any term of

1 appointment under the pilot program may be re-
2 newed for one or more additional terms of not less
3 than 2 years nor more than 8 years as provided in
4 subsection (h).

5 (2) LENGTH OF TERMS.—The length of the
6 term of appointment to a position under the pilot
7 program shall be prescribed by the Secretary of De-
8 fense taking into account the national security, mis-
9 sion, and other applicable requirements of the posi-
10 tion. Positions having identical or similar require-
11 ments or terms may be grouped into categories for
12 purposes of the pilot program. The Secretary may
13 delegate any authority in this paragraph to a com-
14 missioned officer of the Armed Forces in pay grade
15 O-7 or above or an employee in the Department in
16 the Senior Executive Service.

17 (e) NATURE OF SERVICE UNDER APPOINTMENTS.—

18 (1) TREATMENT OF PERSONNEL APPOINTED AS
19 “EMPLOYEES”.—Except as otherwise provided by
20 this section, individuals serving with the Department
21 of Defense as cybersecurity or legal professionals
22 under the pilot program pursuant to appointments
23 under this section shall be considered employees (as
24 specified in section 2105 of title 5, United States
25 Code) for purposes of the provisions of title 5,

1 United States Code, and other applicable provisions
2 of law, including, in particular, for purposes as fol-
3 lows:

4 (A) Eligibility for participation in the Fed-
5 eral Employees' Retirement System under chap-
6 ter 84 of title 5, United States Code, subject to
7 the provisions of section 8402 of such title and
8 the regulations prescribed pursuant to such sec-
9 tion.

10 (B) Eligibility for enrollment in a health
11 benefits plan under chapter 89 of title 5,
12 United States Code (commonly referred as the
13 "Federal Employees Health Benefits Pro-
14 gram").

15 (C) Eligibility for and subject to the em-
16 ployment protections of subpart F of part III of
17 title 5, United States Code, relating to merit
18 principles and protections.

19 (D) Eligibility for the protections of chap-
20 ter 81, of title 5, United States Code, relating
21 to workers compensation.

22 (2) SCOPE OF RIGHTS AND BENEFITS.—In ad-
23 ministering the pilot program, the Secretary of De-
24 fense shall specify, and from time to time update, a
25 comprehensive description of the rights and benefits

1 of individuals serving with the Department under
2 the pilot program pursuant to this subsection and of
3 the provisions of law under which such rights and
4 benefits arise.

5 (f) COMPENSATION.—

6 (1) BASIC PAY.—Individuals serving with the
7 Department of Defense as cybersecurity or legal pro-
8 fessionals under the pilot program shall be paid
9 basic pay for such service in accordance with a
10 schedule of pay prescribed by the Secretary of De-
11 fense for purposes of the pilot program.

12 (2) TREATMENT AS BASIC PAY.—Basic pay
13 payable under the pilot program shall be treated for
14 all purposes as basic pay paid under the provisions
15 of title 5, United States Code.

16 (3) PERFORMANCE AWARDS.—Individuals serv-
17 ing with the Department as cybersecurity or legal
18 professionals under the pilot program may be award-
19 ed such performance awards for outstanding per-
20 formance as the Secretary shall prescribe for pur-
21 poses of the pilot program. The performance awards
22 may include a monetary bonus, time off with pay, or
23 such other awards as the Secretary considers appro-
24 priate for purposes of the pilot program. The award
25 of performance awards under the pilot program shall

1 based in accordance with such policies and require-
2 ments as the Secretary shall prescribe for purposes
3 of the pilot program.

4 (4) ADDITIONAL COMPENSATION.—Individuals
5 serving with the Department as cybersecurity or
6 legal professionals under the pilot program may be
7 awarded such additional compensation above basic
8 pay as the Secretary (or the designees of the Sec-
9 retary) consider appropriate in order to promote the
10 recruitment and retention of highly skilled and pro-
11 ductive cybersecurity and legal professionals to and
12 with the Department.

13 (g) PROBATIONARY PERIOD.—The following terms of
14 appointment shall be treated as a probationary period
15 under the pilot program:

16 (1) The first term of appointment of an indi-
17 vidual to service with the Department of Defense as
18 a cybersecurity or legal professional, regardless of
19 length.

20 (2) The first term of appointment of an indi-
21 vidual to a supervisory position in the Department
22 as a cybersecurity or legal professional, regardless of
23 length and regardless of whether or not such term
24 of appointment to a supervisory position is the first
25 term of appointment of the individual concerned to

1 service with the Department as a cybersecurity or
2 legal professional.

3 (h) RENEWAL OF APPOINTMENTS.—

4 (1) IN GENERAL.—The Secretary of Defense
5 shall prescribe the conditions for the renewal of ap-
6 pointments under the pilot program. The conditions
7 may apply to one or more categories of positions, po-
8 sitions on a case-by-case basis, or both.

9 (2) PARTICULAR CONDITIONS.—In prescribing
10 conditions for the renewal of appointments under
11 the pilot program, the Secretary shall take into ac-
12 count the following (in the order specified):

13 (A) The necessity for the continuation of
14 the position concerned based on mission re-
15 quirements and other applicable justifications
16 for the position.

17 (B) The service performance of the indi-
18 vidual serving in the position concerned, with
19 individuals with satisfactory or better perform-
20 ance afforded preference in renewal.

21 (C) Input from employees on conditions for
22 renewal.

23 (D) Applicable private and public sector
24 labor market conditions

1 (3) SERVICE PERFORMANCE.—The assessment
2 of the service performance of an individual under the
3 pilot program for purposes of paragraph (2)(B) shall
4 consist of an assessment of the ability of the indi-
5 vidual to effectively accomplish mission goals for the
6 position concerned as determined by the supervisor
7 or manager of the individual based on the individ-
8 ual’s performance evaluations and the knowledge of
9 and review by such supervisor or manager (devel-
10 oped in consultation with the individual) of the indi-
11 vidual’s performance in the position. An individual’s
12 tenure of service in a position or the Department of
13 Defense may not be the primary element of the as-
14 sessment.

15 (i) PROFESSIONAL DEVELOPMENT.—The pilot pro-
16 gram shall provide for the professional development of in-
17 dividuals serving with the Department of Defense as cy-
18 bersecurity and legal professionals under the pilot pro-
19 gram in a manner that—

20 (1) creates opportunities for education, train-
21 ing, and career-broadening experiences, and for ex-
22 perimental opportunities in other organizations with-
23 in and outside the Federal Government; and

24 (2) reflects the differentiated needs of personnel
25 at different stages of their careers.

1 (j) SABBATICALS.—

2 (1) IN GENERAL.—The pilot program shall pro-
3 vide for an individual who is in a successive term
4 after the first 8 years with the Department of De-
5 fense as a cybersecurity or legal professional under
6 the pilot program to take, at the election of the indi-
7 vidual, a paid or unpaid sabbatical from service with
8 the Department for professional development or edu-
9 cation purposes. The length of a sabbatical shall be
10 any length not less than 6 months nor more than 1
11 year (unless a different period is approved by the
12 Secretary of the military department or head of the
13 organization or element of the Department con-
14 cerned for purposes of this subsection). The purpose
15 of any sabbatical shall be subject to advance ap-
16 proval by the organization or element in the Depart-
17 ment in which the individual is currently performing
18 service. The taking of a sabbatical shall be contin-
19 gent on the written agreement of the individual con-
20 cerned to serve with the Department for an appro-
21 priate length of time at the conclusion of the term
22 of appointment in which the sabbatical commences,
23 with the period of such service to be in addition to
24 the period of such term of appointment.

1 (2) NUMBER OF SABBATICALS.—An individual
2 may take more than one sabbatical under this sub-
3 section.

4 (3) REPAYMENT.—Except as provided in para-
5 graph (4), an individual who fails to satisfy a writ-
6 ten agreement executed under paragraph (1) with
7 respect to a sabbatical shall repay the Department
8 an amount equal to any pay, allowances, and other
9 benefits received by the individual from the Depart-
10 ment during the period of the sabbatical.

11 (4) WAIVER OF REPAYMENT.—An agreement
12 under paragraph (1) may include such conditions for
13 the waiver of repayment otherwise required under
14 paragraph (3) for failure to satisfy such agreement
15 as the Secretary specifies in such agreement.

16 (k) REGULATIONS.—The Secretary of Defense shall
17 administer the pilot program under regulations prescribed
18 by the Secretary for purposes of the pilot program.

19 (l) TERMINATION.—

20 (1) IN GENERAL.—The authority of the Sec-
21 retary of Defense to appoint individuals for service
22 with the Department of Defense as cybersecurity or
23 legal professionals under the pilot program shall ex-
24 pire on December 31, 2029.

1 (2) EFFECT ON EXISTING APPOINTMENTS.—

2 The termination of authority in paragraph (1) shall
3 not be construed to terminate or otherwise affect
4 any appointment made under this section before De-
5 cember 31, 2029, that remains valid as of that date.

6 (m) IMPLEMENTATION.—

7 (1) INTERIM FINAL RULE.—Not later than one
8 year after the date of the enactment of this Act, the
9 Secretary of Defense shall prescribe an interim final
10 rule to implement the pilot program.

11 (2) FINAL RULE.—Not later than 180 days
12 after prescribing the interim final rule under para-
13 graph (1) and considering public comments with re-
14 spect to such interim final rule, the Secretary shall
15 prescribe a final rule to implement the pilot pro-
16 gram.

17 (3) OBJECTIVES.—The regulations prescribed
18 under paragraphs (1) and (2) shall accomplish the
19 objectives set forth in subsections (a) through (j)
20 and otherwise ensure flexibility and expedited ap-
21 pointment of cybersecurity and legal professionals in
22 the Department of Defense under the pilot program.

23 (n) REPORTS.—

24 (1) REPORTS REQUIRED.—Not later than Janu-
25 ary 30 of each of 2022, 2025, and 2028, the Sec-

1 retary of Defense shall submit to the appropriate
2 committees of Congress a report on the carrying out
3 of the pilot program. Each report shall include the
4 following:

5 (A) A description and assessment of the
6 carrying out of the pilot program during the pe-
7 riod since the commencement of the pilot pro-
8 gram or the previous submittal of a report
9 under this subsection, as applicable.

10 (B) A description and assessment of the
11 successes in and impediments to carrying out
12 the pilot program system during such period.

13 (C) Such recommendations as the Sec-
14 retary considers appropriate for legislative ac-
15 tion to improve the pilot program and to other-
16 wise improve civilian personnel management of
17 cybersecurity and legal professionals by the De-
18 partment of Defense.

19 (D) In the case of the report submitted in
20 2028, an assessment and recommendations by
21 the Secretary on whether to make the pilot pro-
22 gram permanent.

23 (2) APPROPRIATE COMMITTEES OF CONGRESS
24 DEFINED.—In this subsection, the term “appro-
25 priate committees of Congress” means—

1 (A) the Committee on Armed Services and
 2 the Committee on Homeland Security and Gov-
 3 ernmental Affairs of the Senate; and

4 (B) the Committee on Armed Services and
 5 the Committee on Oversight and Government
 6 Reform of the House of Representatives.

7 **SEC. 1102. INCLUSION OF STRATEGIC CAPABILITIES OF-**
 8 **FICE AND DEFENSE INNOVATION UNIT EX-**
 9 **PERIMENTAL OF THE DEPARTMENT OF DE-**
 10 **FENSE IN PERSONNEL MANAGEMENT AU-**
 11 **THORITY TO ATTRACT EXPERTS IN SCIENCE**
 12 **AND ENGINEERING.**

13 (a) IN GENERAL.—Subsection (a) of section 1599h
 14 of title 10, United States Code, is amended by adding at
 15 the end the following new paragraphs:

16 “(4) STRATEGIC CAPABILITIES OFFICE.—The
 17 Director of the Strategic Capabilities Office may
 18 carry out a program of personnel management au-
 19 thority provided in subsection (b) in order to facili-
 20 tate recruitment of eminent experts in science or en-
 21 gineering for the Office.

22 “(5) DIUx.—The Director of the Defense Inno-
 23 vation Unit Experimental may carry out a program
 24 of personnel management authority provided in sub-

1 section (b) in order to facilitate recruitment of emi-
2 nent experts in science or engineering for the Unit.”.

3 (b) SCOPE OF APPOINTMENT AUTHORITY.—Sub-
4 section (b)(1) of such section is amended—

5 (1) in subparagraph (B), by striking “and” at
6 the end; and

7 (2) by adding at the end the following new sub-
8 paragraphs:

9 “(D) in the case of the Strategic Capabili-
10 ties Office, appoint scientists and engineers to
11 a total of not more than 5 scientific and engi-
12 neering positions in the Office; and

13 “(E) in the case of the Defense Innovation
14 Unit Experimental, appoint scientists and engi-
15 neers to a total of not more than 5 scientific
16 and engineering positions in the Unit;”.

17 (c) EXTENSION OF TERMS OF APPOINTMENT.—Sub-
18 section (c)(2) of such section is amended by striking “or
19 the Office of Operational Test and Evaluation” and insert-
20 ing “the Office of Operational Test and Evaluation, the
21 Strategic Capabilities Office, or the Defense Innovation
22 Unit Experimental”.

1 **SEC. 1103. PERMANENT AUTHORITY FOR DEMONSTRATION**
2 **PROJECTS RELATING TO ACQUISITION PER-**
3 **SONNEL MANAGEMENT POLICIES AND PRO-**
4 **CEDURES.**

5 (a) **PERMANENT AUTHORITY.**—Section 1762 of title
6 10, United States Code, is amended by striking sub-
7 sections (g) and (h).

8 (b) **SCOPE OF AUTHORITY.**—Subsection (a) of such
9 section is amended by striking “COMMENCEMENT.—” and
10 all that follows through “a demonstration project” and in-
11 serting “IN GENERAL.—The Secretary of Defense may
12 carry out demonstration projects”.

13 (c) **INCREASE IN LIMIT ON NUMBER OF PARTICI-**
14 **PANTS.**—Subsection (c) of such section is amended by
15 striking “the demonstration project under this section
16 may not exceed 120,000” and inserting “at any one time
17 in demonstration projects under this section may not ex-
18 ceed 130,000”.

19 (d) **ASSESSMENTS.**—Subsection (e) of such section is
20 amended—

21 (1) by striking paragraph (1) and inserting the
22 following new paragraph:

23 “(1) Upon the completion of a demonstration project
24 under this section, the Secretary of Defense shall provide
25 for the conduct of an assessment of the demonstration
26 project by an appropriate independent organization des-

1 ignated by the Secretary for that purpose. The Secretary
2 shall submit to the covered congressional committees a re-
3 port on each assessment conducted pursuant to this para-
4 graph.”; and

5 (2) by striking paragraph (3).

6 **SEC. 1104. ESTABLISHMENT OF SENIOR SCIENTIFIC TECH-**
7 **NICAL MANAGERS AT MAJOR RANGE AND**
8 **TEST FACILITY BASE FACILITIES AND DE-**
9 **FENSE TEST RESOURCE MANAGEMENT CEN-**
10 **TER.**

11 Section 2358a of title 10, United States Code, is
12 amended—

13 (1) in subsection (d)—

14 (A) in paragraph (1)—

15 (i) in the matter preceding subpara-
16 graph (A), by inserting “, each facility of
17 the Major Range and Test Facility Base,
18 and the Defense Test Resource Manage-
19 ment Center” after “each STRL”; and

20 (ii) in subparagraph (A), by inserting
21 “, of such facility of the Major Range and
22 Test Facility Base, or the Defense Test
23 Resource Management Center”; and

24 (B) in paragraph (2)—

1 (i) by striking “The positions” and in-
2 serting “(A) The laboratory positions”;
3 and

4 (ii) by adding at the end the following
5 new subparagraph:

6 “(B) The test and evaluation positions de-
7 scribed in paragraph (1) may be filled, and shall be
8 managed, by the director of the Major Range and
9 Test Facility Base, in the case of a position at a fa-
10 cility of the Major Range and Test Facility Base,
11 and the director of the Defense Test Resource Man-
12 agement Center, in the case of a position at such
13 center, under criteria established pursuant to section
14 342(b) of the National Defense Authorization Act
15 for Fiscal Year 1995 (Public Law 103–337; 10
16 U.S.C. 2358 note), relating to personnel demonstra-
17 tion projects at laboratories of the Department of
18 Defense, except that the director involved shall de-
19 termine the number of such positions at each facility
20 of the Major Range and Test Facility Base and the
21 Defense Test Resource Management Center, not to
22 exceed two percent of the number of scientists and
23 engineers employed at the Major Range and Test
24 Facility Base or the Defense Test Resource Manage-
25 ment Center, as the case may be, as of the close of

1 the last fiscal year before the fiscal year in which
2 any appointments subject to that numerical limita-
3 tions are made.”; and

4 (2) in subsection (f)—

5 (A) by redesignating paragraphs (1) and
6 (2) as paragraphs (2) and (4), respectively;

7 (B) by inserting before paragraph (2), as
8 redesignated by subparagraph (A), the following
9 new paragraph (1):

10 “(1) The term ‘Defense Test Resource Manage-
11 ment Center’ means the Department of Defense
12 Test Resource Management Center established
13 under section 196 of this title.”; and

14 (C) by inserting after paragraph (2), as so
15 redesignated, the following new paragraph:

16 “(3) The term ‘Major Range and Test Facility
17 Base’ means the test and evaluation facilities and
18 resources that are designated by the Secretary of
19 Defense as facilities and resources comprising the
20 Major Range and Test Facility Base.”.

1 **SEC. 1105. EXTENSION OF TEMPORARY DIRECT HIRE AU-**
2 **THORITY FOR DOMESTIC DEFENSE INDUS-**
3 **TRIAL BASE FACILITIES AND THE MAJOR**
4 **RANGE AND TEST FACILITIES BASE.**

5 Section 1125(a) of the National Defense Authoriza-
6 tion Act for Fiscal Year 2017 (Public Law 114–328; 130
7 Stat. 2457; 10 U.S.C. 1580 note prec.) is amended by
8 striking “and 2018” and inserting “through 2019”.

9 **SEC. 1106. DIRECT HIRE AUTHORITY FOR FINANCIAL MAN-**
10 **AGEMENT EXPERTS IN THE DEPARTMENT OF**
11 **DEFENSE WORKFORCE.**

12 Section 1110 of the National Defense Authorization
13 Act for 2017 (Public Law 114–328; 130 Stat. 2450; 10
14 U.S.C. 1580 note prec.) is amended—

15 (1) in subsection (a), by striking “the Defense
16 Agencies or the applicable military Department” and
17 inserting “a Department of Defense component”;

18 (2) in subsection (b)(1), by striking “the De-
19 fense Agencies” and inserting “each Department of
20 Defense component listed in subsection (f) other
21 than the Department of the Army, the Department
22 of the Navy, and the Department of the Air Force”;

23 (3) in subsection (d)—

24 (A) by striking “any Defense Agency or
25 military department” and inserting “any De-
26 partment of Defense component”; and

1 (B) by striking “such Defense Agency or
2 military department” and inserting “such De-
3 partment of Defense component”; and

4 (4) by striking subsection (f) and inserting the
5 following new subsection (f):

6 “(f) DEPARTMENT OF DEFENSE COMPONENT DE-
7 FINED.—In this section, the term ‘Department of Defense
8 component’ means the following:

9 “(1) A Defense Agency.

10 “(2) The Office of the Chairman of the Joint
11 Chiefs of Staff.

12 “(3) The Joint Staff.

13 “(4) A combatant command.

14 “(5) The Office of the Inspector General of the
15 Department of Defense.

16 “(6) A Field Activity of the Department of De-
17 fense.

18 “(7) The Department of the Army.

19 “(8) The Department of the Navy.

20 “(9) The Department of the Air Force.”.

1 **SEC. 1107. AUTHORITY FOR WAIVER OF REQUIREMENT FOR**
2 **A BACCALAUREATE DEGREE FOR POSITIONS**
3 **IN THE DEPARTMENT OF DEFENSE ON CY-**
4 **BERSECURITY AND COMPUTER PROGRAM-**
5 **MING.**

6 (a) BRIEFING ON WAIVER REQUIRED.—Not later
7 than 60 days after the date of the enactment of this Act,
8 the Secretary of Defense shall provide the Committees on
9 Armed Services of the Senate and the House of Represent-
10 atives a briefing on the feasibility and advisability of the
11 enactment into law of the waiver authority described in
12 subsection (b) and the authorities in subsections (c)
13 through (e).

14 (b) WAIVER AUTHORITY.—The waiver authority de-
15 scribed in this subsection is the authority of the Secretary
16 of Defense to waive any requirement in law for the posses-
17 sion of a baccalaureate degree as a condition of appoint-
18 ment to a position or category of positions in the Depart-
19 ment of Defense specified in subsection (c) if the Secretary
20 determined that the duties of the position or category of
21 positions could be appropriately discharged by individuals
22 demonstrating expertise other than a baccalaureate de-
23 gree.

24 (c) POSITIONS.—The positions or categories of posi-
25 tions in the Department specified in this subsection are

1 positions or categories of positions whose primary duties
2 involve the following:

3 (1) Cybersecurity, including computer network
4 operations, computer network defense, computer net-
5 work attack, and computer network exploitation.

6 (2) Computer programming.

7 (d) APPOINTMENT.—An individual who does not pos-
8 sess a baccalaureate degree could be appointed to a posi-
9 tion covered by a waiver pursuant to subsection (b) only
10 if the Secretary determined that the expertise dem-
11 onstrated by the individual was sufficient for the appro-
12 priate discharge of the duties of the position by the indi-
13 vidual.

14 (e) GUIDANCE.—The Secretary would issue guidance
15 for purposes of this section setting forth the following:

16 (1) The positions or categories of positions in
17 the Department subject to the waiver authorized by
18 subsection (b).

19 (2) For each position or category of positions,
20 the expertise required for appointment to such posi-
21 tion or category of positions.

1 **Subtitle B—Government-wide**
2 **Matters**

3 **SEC. 1111. ELIMINATION OF FOREIGN EXEMPTION PROVI-**
4 **SION IN REGARD TO OVERTIME FOR FED-**
5 **ERAL CIVILIAN EMPLOYEES TEMPORARILY**
6 **ASSIGNED TO A FOREIGN AREA.**

7 (a) IN GENERAL.—Section 5542 of title 5, United
8 States Code, is amended by adding at the end the fol-
9 lowing:

10 “(h) Notwithstanding section 13(f) of the Fair Labor
11 Standards Act of 1938 (29 U.S.C. 213(f)), an employee
12 who is working at a location in a foreign country, or in
13 a territory under the jurisdiction of the United States to
14 which the exemption under such section 13(f) applies, in
15 temporary duty travel status while maintaining an official
16 duty station or worksite in an area of the United States
17 that is not exempted under such section 13(f) shall not
18 be considered, for all purposes, to be exempted from sec-
19 tion 7 of such Act (29 U.S.C. 207) on the basis of the
20 employee performing work at such a location.”.

21 (b) FEDERAL WAGE SYSTEM EMPLOYEES.—Section
22 5544 of title 5, United States Code, is amended by adding
23 at the end the following:

24 “(d) Notwithstanding section 13(f) of the Fair Labor
25 Standards Act of 1938 (29 U.S.C. 213(f)), an employee

1 whose overtime pay is determined in accordance with sub-
2 section (a) who is working at a location in a foreign coun-
3 try, or in a territory under the jurisdiction of the United
4 States to which the exemption under such section 13(f)
5 applies, in temporary duty travel status while maintaining
6 an official duty station or worksite in an area of the
7 United States that is not exempted under such section
8 13(f) shall not be considered, for all purposes, to be ex-
9 empted from section 7 of such Act (29 U.S.C. 207) on
10 the basis of the employee performing work at such a loca-
11 tion.”.

12 (c) CONFORMING REPEAL.—Section 5542(a) of title
13 5, United States Code, is amended by striking paragraph
14 (6).

15 **SEC. 1112. ONE-YEAR EXTENSION OF AUTHORITY TO WAIVE**
16 **ANNUAL LIMITATION ON PREMIUM PAY AND**
17 **AGGREGATE LIMITATION ON PAY FOR FED-**
18 **ERAL CIVILIAN EMPLOYEES WORKING OVER-**
19 **SEAS.**

20 Section 1101(a) of the Duncan Hunter National De-
21 fense Authorization Act for Fiscal Year 2009 (Public Law
22 110–417; 122 Stat. 4615), as most recently amended by
23 section 1137 of the National Defense Authorization Act
24 for Fiscal Year 2017 (Public Law 114–328), is further

1 amended by striking “through 2017” and inserting
2 “through 2018”.

3 **SEC. 1113. ONE-YEAR EXTENSION OF TEMPORARY AUTHOR-**
4 **ITY TO GRANT ALLOWANCES, BENEFITS, AND**
5 **GRATUITIES TO CIVILIAN PERSONNEL ON OF-**
6 **FICIAL DUTY IN A COMBAT ZONE.**

7 Paragraph (2) of section 1603(a) of the Emergency
8 Supplemental Appropriations Act for Defense, the Global
9 War on Terror, and Hurricane Recovery, 2006 (Public
10 Law 109–234; 120 Stat. 443), as added by section 1102
11 of the Duncan Hunter National Defense Authorization
12 Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat.
13 4616) and most recently amended by section 1133 of the
14 National Defense Authorization Act for Fiscal Year 2017
15 (Public Law 114–328), is further amended by striking
16 “2018” and inserting “2019”.

17 **TITLE XII—MATTERS RELATING**
18 **TO FOREIGN NATIONS**
19 **Subtitle A—Assistance and**
20 **Training**

21 **SEC. 1201. SUPPORT OF SPECIAL OPERATIONS FOR IRREG-**
22 **ULAR WARFARE.**

23 (a) **AUTHORITY.**—The Secretary of Defense may,
24 with the concurrence of the relevant Chief of Mission, ex-
25 pend up to \$10,000,000 during each of fiscal years 2018

1 through 2021 to provide support to foreign forces, irreg-
2 ular forces, groups, or individuals engaged in supporting
3 or facilitating ongoing irregular warfare operations by
4 United States Special Operations Forces.

5 (b) FUNDS.—Funds for support under this section in
6 a fiscal year shall be derived from amounts authorized to
7 be appropriated for that fiscal year for the Department
8 of Defense for operation and maintenance.

9 (c) PROCEDURES.—

10 (1) IN GENERAL.—The authority in this section
11 shall be exercised in accordance with such proce-
12 dures as the Secretary shall establish for purposes of
13 this section.

14 (2) ELEMENTS.—The procedures that shall es-
15 tablish, at a minimum, the following:

16 (A) Policy guidance for the execution of
17 activities under the authority in this section.

18 (B) The processes through which activities
19 under the authority in this section are to be de-
20 veloped, validated, and coordinated, as appro-
21 priate, with relevant entities of the United
22 States Government.

23 (3) NOTICE TO CONGRESS ON PROCEDURES
24 AND MATERIAL MODIFICATIONS.—The Secretary
25 shall notify the congressional defense committees of

1 the procedures established pursuant to this section
2 before any exercise of the authority in this section,
3 and shall notify such committee of any material
4 modification of the procedures.

5 (d) NOTIFICATION.—

6 (1) IN GENERAL.—Not later than 15 days be-
7 fore exercising the authority in this section to make
8 funds available to initiate support of an approved
9 military operation or changing the scope or funding
10 level of any support under this section for such an
11 operation by \$500,000 or an amount equal to 10
12 percent of such funding level (whichever is less), or
13 not later than 48 hours after exercising such author-
14 ity if the Secretary determines that extraordinary
15 circumstances that impact the national security of
16 the United States exist that otherwise prevent notice
17 under this subsection before the exercise of such au-
18 thority, the Secretary shall notify the congressional
19 defense committees of the use of such authority with
20 respect to such operation. Any such notification shall
21 be in writing.

22 (2) ELEMENTS.—A notification required by this
23 subsection shall include the following:

1 (A) The type of support provided or to be
2 provided to United States Special Operations
3 Forces.

4 (B) The type of support provided or to be
5 provided to the recipient of the funds.

6 (C) The amount obligated under the au-
7 thority to provide support.

8 (e) LIMITATION ON DELEGATION.—The authority of
9 the Secretary to make funds available under this section
10 for support of a military operation may not be delegated.

11 (f) CONSTRUCTION OF AUTHORITY.—Nothing in this
12 section shall be construed to constitute a specific statutory
13 authorization for any of the following:

14 (1) The conduct of a covert action, as such
15 term is defined in section 503(e) of the National Se-
16 curity Act of 1947 (50 U.S.C. 3093(e)).

17 (2) The introduction of United States Armed
18 Forces into hostilities or into situations wherein hos-
19 tilities are clearly indicated by the circumstances.

20 (3) The conduct or support of activities, directly
21 or indirectly, that are inconsistent with the laws of
22 armed conflict.

23 (g) PROGRAMMATIC AND POLICY OVERSIGHT.—The
24 Assistant Secretary of Defense for Special Operations and
25 Low-Intensity Conflict shall have primary programmatic

1 and policy oversight within the Office of the Secretary of
2 Defense of support to irregular warfare activities author-
3 ized by this section.

4 (h) BIENNIAL REPORTS.—

5 (1) REPORT ON PRECEDING FISCAL YEAR.—

6 Not later than 120 days after the close of each fiscal
7 year in which subsection (a) is in effect, the Sec-
8 retary shall submit to the congressional defense com-
9 mittees a report on the support provided under this
10 section during the preceding fiscal year.

11 (2) REPORT ON CURRENT CALENDAR YEAR.—

12 Not later than 180 days after the submittal of each
13 report required by paragraph (1), the Secretary shall
14 submit to the congressional defense committees a re-
15 port on the support provided under this section dur-
16 ing the first half of the fiscal year in which the re-
17 port under this paragraph is submitted.

18 (3) ELEMENTS.—Each report required by this
19 subsection shall include the following:

20 (A) A summary of the ongoing irregular
21 warfare operations by United States Special
22 Operations Forces that were supported or facili-
23 tated by foreign forces, irregular forces, groups,
24 or individuals for which support was provided

1 under this section during the period covered by
2 such report.

3 (B) A description of the support or facili-
4 tation provided by such foreign forces, irregular
5 forces, groups, or individuals to United States
6 Special Operations Forces during such period.

7 (C) The type of recipients that were pro-
8 vided support under this section during such
9 period, identified by authorized category (for-
10 eign forces, irregular forces, groups, or individ-
11 uals).

12 (D) A detailed description of the support
13 provided to the recipients under this section
14 during such period.

15 (E) The total amount obligated for support
16 under this section during such period, including
17 budget details.

18 (F) The intended duration of support pro-
19 vided under this section during such period

20 (G) An assessment of value of the support
21 provided under this section during such period,
22 including a summary of significant activities
23 undertaken by foreign forces, irregular forces,
24 groups, or individuals to support irregular war-

1 fare operations by United States Special Oper-
2 ations Forces.

3 (H) The total amount obligated for sup-
4 port under this section in prior fiscal years.

5 (i) **IRREGULAR WARFARE DEFINED.**—In this section,
6 the term “irregular warfare” means activities in support
7 of predetermined United States policy and military objec-
8 tives conducted by, with, and through regular forces, irreg-
9 ular forces, groups, and individuals participating in com-
10 petition between state and non-state actors short of tradi-
11 tional armed conflict.

12 **SEC. 1202. MODIFICATION OF AUTHORITY ON SUPPORT OF**
13 **SPECIAL OPERATIONS TO COMBAT TER-**
14 **RORISM.**

15 (a) **OVERSIGHT OF SUPPORT.**—Section 127e of title
16 10, United States Code, is amended—

17 (1) by redesignating subsection (g) as sub-
18 section (h); and

19 (2) by inserting after subsection (f) the fol-
20 lowing new subsection (g):

21 “(g) **OVERSIGHT BY ASD FOR SOLIC.**—The Assist-
22 ant Secretary of Defense for Special Operations and Low-
23 Intensity Conflict shall have primary responsibility within
24 the Office of the Secretary of Defense for oversight of poli-

1 cies and programs for support authorized by this sec-
2 tion.”.

3 (b) REPORTS.—Subsection (h) of such section, as re-
4 designated by subsection (a)(1) of this section is further
5 amended—

6 (1) in paragraph (1)—

7 (A) in the heading, by striking “CALENDAR
8 YEAR” and inserting “FISCAL YEAR”;

9 (B) by striking “March 1 each year” and
10 inserting “120 days after the end of the pre-
11 ceding fiscal year of each year”; and

12 (C) by striking “the preceding calendar
13 year” and inserting “such preceding fiscal
14 year”; and

15 (2) in paragraph (2)—

16 (A) in the heading, by striking “CALENDAR
17 YEAR” and inserting “FISCAL YEAR”;

18 (B) by striking “September 1” and insert-
19 ing “July 1”; and

20 (C) by striking “the calendar year” and in-
21 serting “the fiscal year”.

1 **SEC. 1203. MODIFICATIONS OF CERTAIN AUTHORITY IN**
2 **CONNECTION WITH REFORM OF DEFENSE SE-**
3 **CURITY COOPERATION PROGRAMS AND AC-**
4 **TIVITIES.**

5 (a) DEFENSE INSTITUTIONAL CAPACITY BUILDING
6 OF FOREIGN COUNTRIES.—Section 332 of title 10, United
7 States Code, is amended—

8 (1) in subsection (a), by inserting “members of
9 the armed forces and” before “civilian employees” in
10 the matter preceding paragraph (1);

11 (2) in subsection (b)(2)(B)—

12 (A) by striking “employees” both place it
13 appears and inserting “advisors”; and

14 (B) by striking “employee’s” and inserting
15 “advisor’s”; and

16 (3) in subsection (c)—

17 (A) by inserting “member of the armed
18 forces or” before “civilian employee of the De-
19 partment of Defense” in the matter preceding
20 paragraph (1);

21 (B) in paragraph (1), by striking “em-
22 ployee as an”; and

23 (C) in paragraph (3), by striking “the em-
24 ployee” and inserting “the advisor”.

25 (b) DEFENSE INSTITUTIONAL CAPACITY BUILDING
26 OF FOREIGN FORCES.—Section 333(c)(4) of such title is

1 amended by striking “the Department” and inserting “the
2 Department of Defense or another department or agency
3 of the United States Government”.

4 **SEC. 1204. GLOBAL SECURITY CONTINGENCY FUND MAT-**
5 **TERS.**

6 (a) TWO-YEAR EXTENSION OF AUTHORITY.—Section
7 1207 of the National Defense Authorization Act for Fiscal
8 Year 2012 (22 U.S.C. 2151 note) is amended—

9 (1) in subsection (i), by striking “September
10 30, 2017” and inserting “September 30, 2019”; and

11 (2) in subsection (p)—

12 (A) by striking “September 30, 2017” and
13 inserting “September 30, 2019”; and

14 (B) by striking “through 2017” and in-
15 serting “through 2019”.

16 (b) PURPOSES OF FUND.—Subsection (b) of such
17 section is amended—

18 (1) in paragraph (1)—

19 (A) in the matter preceding subparagraph
20 (A), by striking “, or other national security
21 forces that conduct border and maritime secu-
22 rity, internal defense, and counterterrorism op-
23 erations” and inserting “or other national secu-
24 rity forces”;

1 (B) in subparagraph (A), by striking “or”
2 at the end;

3 (C) in subparagraph (B), by striking the
4 period at the end and inserting “; or”; and

5 (D) by adding at the end the following new
6 subparagraph:

7 “(C) provide support to civil or national
8 security authorities in connection with humani-
9 tarian assistance (including demining), disaster
10 response, and disaster risk reduction activi-
11 ties.”; and

12 (2) in paragraph (2), by striking “rule of law
13 programs,” and all that follows and inserting “rule
14 of law programs and stabilization efforts in a coun-
15 try.”.

16 (c) NOTICE TO CONGRESS ON INITIATION OF ASSIST-
17 ANCE.—Subsection (l) of such section is amended by strik-
18 ing “30 days” and inserting “15 days”.

19 **SEC. 1205. DEFENSE INSTITUTE OF INTERNATIONAL LEGAL**
20 **STUDIES.**

21 (a) IN GENERAL.—The Secretary of Defense may op-
22 erate an institute to be known as the “Defense Institute
23 of International Legal Studies” (in this section referred
24 to as the “Institute”) in accordance with this section for

1 purposes in furtherance of United States security and for-
2 eign policy objectives of—

3 (1) promoting an understanding of and appre-
4 ciation for the rule of law; and

5 (2) encouraging the international development
6 of internal capacities of foreign governments for ci-
7 vilian control of the military, military justice, the
8 legal aspects of peacekeeping, good governance and
9 anti-corruption in defense reform, and human rights.

10 (b) ACTIVITIES.—In carrying out the purposes speci-
11 fied in subsection (a), the Institute may conduct activities
12 as follows:

13 (1) Research, communication, and exchange of
14 ideas.

15 (2) Education and training involving military
16 and civilian personnel, both within and outside the
17 United States.

18 (3) Building the legal capacity of foreign mili-
19 tary and other security forces, including equitable,
20 transparent, and accountable defense institutions, ci-
21 vilian control of the military, human rights, and
22 democratic governance.

23 (4) Institutional legal capacity building of for-
24 eign defense and security institutions.

1 (c) CONCURRENCE OF SECRETARY OF STATE.—The
2 concurrence of the Secretary of State is required to con-
3 duct activities specified in subsection (b).

4 (d) DEPARTMENT OF DEFENSE REVIEW.—

5 (1) IN GENERAL.—The Secretary of Defense
6 shall conduct a comprehensive review of the mission,
7 workforce, funding, and other support of the Insti-
8 tute.

9 (2) ELEMENTS.—The review shall include, but
10 not be limited to, the following:

11 (A) An assessment of the scope of the mis-
12 sion of the Institute, taking into account the in-
13 creasing security cooperation authorities and re-
14 quirements of the Department of Defense, in-
15 cluding core rule of law training in the United
16 States and abroad, defense legal institution
17 building, and statutorily required human rights
18 and legal capacity building of foreign security
19 forces.

20 (B) An assessment of the workforce of the
21 Institute, including whether it is appropriately
22 sized to align with the full scope of the mission
23 of the Institute.

24 (C) A review of the funding mechanisms
25 for the activities of the Institute, including the

1 current mechanisms for reimbursing the Insti-
2 tute by the Department of State and by the De-
3 partment of Defense through the budget of the
4 Defense Security Cooperation Agency.

5 (D) An evaluation of the feasibility and ad-
6 visability of the provision of funds appropriated
7 for the Department of Defense directly to the
8 Institute, and the actions, if any, required to
9 authorize the Institute to receive such funds di-
10 rectly.

11 (E) A description of the challenges, if any,
12 of the Institute to increase its capacity to pro-
13 vide residence courses to meet demands for
14 training and assistance.

15 (F) An assessment of the capacity of the
16 Department of Defense to assess, monitor, and
17 evaluate the effectiveness of the human rights
18 training and other activities of the Institute.

19 (3) REPORT.—Not later than 180 days after
20 the date of the enactment of this Act, the Secretary
21 shall submit to the congressional defense committees
22 a report summarizing the findings of the review and
23 any recommendations for enhancing the capability of
24 the Institute to fulfill its mission that the Secretary
25 considers appropriate.

1 **Subtitle B—Matters Relating to**
2 **Afghanistan and Pakistan**

3 **SEC. 1211. EXTENSION OF COMMANDERS' EMERGENCY RE-**
4 **SPONSE PROGRAM AND RELATED AUTHORI-**
5 **TIES.**

6 (a) CERP.—Section 1201 of the National Defense
7 Authorization Act for Fiscal Year 2012 (Public Law 112–
8 81; 125 Stat. 1619), as most recently amended by section
9 1211(a) of the National Defense Authorization Act for
10 Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2477),
11 is further amended—

12 (1) in subsection (a), by striking “December
13 31, 2018” and inserting “December 31, 2019”;

14 (2) in subsection (b), by striking “fiscal year
15 2017 and fiscal year 2018” and inserting “each of
16 fiscal years 2017, 2018, and 2019”; and

17 (3) in subsection (f), by striking “December 31,
18 2018” and inserting “December 31, 2019”.

19 (b) PAYMENTS FOR REDRESS OF CERTAIN INJU-
20 RIES.—Section 1211(b)(1) of the National Defense Au-
21 thorization Act for Fiscal Year 2017 (130 Stat. 2478) is
22 amended by striking “December 31, 2018” and inserting
23 “December 31, 2019”.

1 **SEC. 1212. EXTENSION OF AUTHORITY TO TRANSFER DE-**
2 **ENSE ARTICLES AND PROVIDE DEFENSE**
3 **SERVICES TO THE MILITARY AND SECURITY**
4 **FORCES OF AFGHANISTAN.**

5 (a) EXPIRATION.—Subsection (h) of section 1222 of
6 the National Defense Authorization Act for Fiscal Year
7 2013 (Public Law 112–239; 126 Stat. 1992), as most re-
8 cently amended by section 1213 of the National Defense
9 Authorization Act for Fiscal Year 2017 (Public Law 114–
10 328; 130 Stat. 2478), is further amended by striking “De-
11 cember 31, 2017” and inserting “December 31, 2018”.

12 (b) EXCESS DEFENSE ARTICLES.—Subsection (i)(2)
13 of such section 1222, as so amended, is further amended
14 by striking “December 31, 2017” each place it appears
15 and inserting “December 31, 2018”.

16 **SEC. 1213. EXTENSION AND MODIFICATION OF AUTHORITY**
17 **FOR REIMBURSEMENT OF CERTAIN COALI-**
18 **TION NATIONS FOR SUPPORT PROVIDED TO**
19 **UNITED STATES MILITARY OPERATIONS.**

20 (a) EXTENSION.—Subsection (a) of section 1233 of
21 the National Defense Authorization Act for Fiscal Year
22 2008 (Public Law 110–181; 122 Stat. 393), as most re-
23 cently amended by section 1218 of the National Defense
24 Authorization Act for Fiscal Year 2017 (Public Law 114–
25 328), is further amended by striking “the period begin-

1 ning on October 1, 2016, and ending on December 31,
2 2017,” and inserting “fiscal year 2018,”.

3 (b) LIMITATIONS ON AMOUNTS AVAILABLE.—Sub-
4 section (d)(1) of such section, as so amended, is further
5 amended—

6 (1) in the first sentence, by striking “during
7 the period beginning on October 1, 2016, and ending
8 on December 31, 2017, may not exceed
9 \$1,100,000,000” and inserting “during fiscal year
10 2018 may not exceed \$900,000,000”; and

11 (2) in the second sentence, by striking “the pe-
12 riod beginning on October 1, 2016 and ending on
13 December 31, 2017, may not exceed \$900,000,000”
14 and inserting “during fiscal year 2018 may not ex-
15 ceed \$700,000,000”.

16 (c) EXTENSION OF REPORTING REQUIREMENT ON
17 REIMBURSEMENT OF PAKISTAN FOR SECURITY EN-
18 HANCEMENT ACTIVITIES.—Subsection (e)(2) of such sec-
19 tion, as added by section 1218 of the National Defense
20 Authorization Act for Fiscal Year 2017, is amended by
21 inserting “and annually thereafter,” after “December 31,
22 2017,”.

23 (d) EXTENSION OF NOTICE REQUIREMENT RELAT-
24 ING TO REIMBURSEMENT OF PAKISTAN FOR SUPPORT
25 PROVIDED BY PAKISTAN.—Section 1232(b)(6) of the Na-

1 tional Defense Authorization Act for Fiscal Year 2008,
2 as most recently amended by section 1218(e) of the Na-
3 tional Defense Authorization Act for Fiscal Year 2017,
4 is further amended by striking “December 31, 2017” and
5 inserting “September 30, 2018”.

6 (e) EXTENSION OF LIMITATION ON REIMBURSEMENT
7 OF PAKISTAN PENDING CERTIFICATION ON PAKISTAN.—
8 Section 1227(d)(1) of the National Defense Authorization
9 Act for Fiscal Year 2013 (Public Law 112–239; 126 Stat.
10 2001), as most recently amended by section 1218(f) of
11 the National Defense Authorization Act for Fiscal Year
12 2017, is further amended by striking “for any period prior
13 to December 31, 2017” and inserting “for fiscal year 2018
14 and any prior fiscal year”.

15 (f) ADDITIONAL LIMITATION ON REIMBURSEMENT
16 OF PAKISTAN PENDING CERTIFICATION ON PAKISTAN.—
17 Of the total amount of reimbursements and support au-
18 thorized for Pakistan during fiscal year 2018 pursuant to
19 the second sentence of section 1233(d)(1) of the National
20 Defense Authorization Act for Fiscal Year 2008 (as
21 amended by subsection (b)(2)), \$350,000,000 shall not be
22 eligible for the waiver under section 1227(d)(2) of the Na-
23 tional Defense Authorization Act for Fiscal Year 2013
24 (126 Stat. 2001) unless the Secretary of Defense certifies
25 to the congressional defense committees that—

1 (1) Pakistan continues to conduct military oper-
2 ations that are contributing to significantly dis-
3 rupting the safe havens, fundraising and recruiting
4 efforts, and freedom of movement of the Haqqani
5 Network and Lashkar-e-Tayyiba in Pakistan;

6 (2) Pakistan has taken steps to demonstrate its
7 commitment to prevent the Haqqani Network and
8 Lashkar-e-Tayyiba from using any Pakistan terri-
9 tory as a safe haven and for fundraising and recruit-
10 ing efforts;

11 (3) the Government of Pakistan is making an
12 attempt to actively coordinate with the Government
13 of Afghanistan to restrict the movement of militants,
14 such as the Haqqani Network and Lashkar-e-
15 Tayyiba, along the Afghanistan-Pakistan border;
16 and

17 (4) Pakistan has shown progress in arresting
18 and prosecuting senior leaders and mid-level
19 operatives of the Haqqani Network and Lashkar-e-
20 Tayyiba.

1 **SEC. 1214. EXTENSION OF AUTHORITY TO ACQUIRE PROD-**
2 **UCTS AND SERVICES PRODUCED IN COUN-**
3 **TRIES ALONG A MAJOR ROUTE OF SUPPLY**
4 **TO AFGHANISTAN.**

5 Section 801(f) of the National Defense Authorization
6 Act for Fiscal Year 2010 (Public Law 111–84; 123 Stat.
7 2399), as most recently amended by section 1212 of the
8 National Defense Authorization Act for Fiscal Year 2017
9 (Public Law 114–328; 130 Stat. 2478), is further amend-
10 ed by striking “December 31, 2018” and inserting “De-
11 cember 31, 2019”.

12 **SEC. 1215. EXTENSION OF SEMIANNUAL REPORT ON EN-**
13 **HANCING SECURITY AND STABILITY IN AF-**
14 **GHANISTAN.**

15 Section 1225(a)(2) of the Carl Levin and Howard P.
16 “Buck” McKeon National Defense Authorization Act for
17 Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3550),
18 as amended by section 1215(a) of the National Defense
19 Authorization Act for Fiscal Year 2017 (Public Law 114–
20 328; 130 Stat. 2480), is further amended by striking “De-
21 cember 15, 2019” and inserting “December 15, 2020”.

22 **SEC. 1216. SENSE OF CONGRESS REGARDING THE AFGHAN**
23 **SPECIAL IMMIGRANT VISA PROGRAM.**

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

25 (1) The Armed Forces, the Department of
26 State, the United States Agency for International

1 Development, and other agencies and departments of
2 the United States rely on the services of Afghan na-
3 tionals in a variety of sensitive and trusted capac-
4 ities to support the operations of the United States
5 Government in Afghanistan.

6 (2) Afghans who have supported the United
7 States Government in Afghanistan face grave
8 threats from the Taliban and other terrorist groups
9 as a result of their service.

10 (3) Commander of the United States Central
11 Command, General Joseph L. Votel, warned in a
12 June 14, 2017, letter that “curtailing or aban-
13 doning” the special immigrant visa program for Af-
14 ghans carried out under the Afghan Allies Protec-
15 tion Act of 2009 (8 U.S.C. 1101 note) “would risk
16 significantly undermining years of progress and
17 goodwill and could serve to tip the balance in favor
18 of malign actors”.

19 (4) Commander of Resolute Support and
20 United States Forces-Afghanistan, General John W.
21 Nicholson Jr., warned in a June 12, 2017, letter
22 that if such program “is not fully resourced it could
23 significantly undermine our credibility and the 16
24 years of tremendous sacrifice by thousands of Af-

1 ghans on behalf of Americans and Coalition part-
2 ners”.

3 (5) All visas allocated for such program are
4 projected to be exhausted and all visa issuances for
5 principal applicants will cease in October 2017, if
6 additional visas are not authorized.

7 (6) The cessation of the issuance of special im-
8 migrant visas for Afghans is likely to cause panic
9 among the Afghans who are assisting the United
10 States, often at great personal risk, and could sig-
11 nificantly affect the operations of the United States
12 Government in Afghanistan.

13 (b) SENSE OF CONGRESS.—It is the sense of Con-
14 gress that an additional 4,000 visas should be made avail-
15 able for principal aliens who are eligible for special immi-
16 grant status under the Afghan Allies Protection Act of
17 2009 (8 U.S.C. 1101 note) to prevent harm to the oper-
18 ations of the United States Government in Afghanistan.

19 **SEC. 1217. SPECIAL IMMIGRANT VISAS FOR AFGHAN AL-**
20 **LIES.**

21 Section 602(b)(3)(F) of the Afghan Allies Protection
22 Act of 2009 (8 U.S.C. 1101 note) is amended in the mat-
23 ter preceding clause (i), by striking “11,000” and insert-
24 ing “15,000”.

1 **Subtitle C—Matters Relating to**
2 **Syria, Iraq, and Iran**

3 **SEC. 1231. MODIFICATION OF AUTHORITY TO PROVIDE AS-**
4 **SISTANCE TO COUNTER THE ISLAMIC STATE**
5 **OF IRAQ AND SYRIA.**

6 (a) CLARIFICATION OF CONSTRUCTION AUTHOR-
7 ITY.—

8 (1) CLARIFICATION.—Subsection (a) of section
9 1236 of the Carl Levin and Howard P. “Buck”
10 McKeon National Defense Authorization Act for
11 Fiscal Year 2015 (Public Law 113–291; 128 Stat.
12 3558), as most recently amended by section 1222 of
13 the National Defense Authorization Act for Fiscal
14 Year 2017 (Public Law 114–328; 130 Stat. 2485),
15 is further amended by striking “facility and infra-
16 structure repair and renovation,” and inserting “in-
17 frastructure repair and renovation, small-scale con-
18 struction of temporary facilities necessary to meet
19 urgent operational or force protection requirements
20 with a cost less than \$4,000,000,”.

21 (2) ADDITIONAL LIMITATIONS AND REQUIRE-
22 MENTS.—Such section 1236 is further amended by
23 adding at the end the following new subsections:

24 “(m) LIMITATION ON AGGREGATE COST OF CON-
25 STRUCTION, REPAIR, AND RENOVATION PROJECTS.—The

1 aggregate amount of construction, repair, and renovation
2 projects carried out under this section in any fiscal year
3 may not exceed \$30,000,000.

4 “(n) APPROVAL AND NOTICE BEFORE CERTAIN CON-
5 STRUCTION, REPAIR, AND RENOVATION PROJECTS.—

6 “(1) APPROVAL.—A construction, repair, or
7 renovation project costing more than \$1,000,000
8 may not be carried out under this section unless ap-
9 proved in advance by the Commander of the United
10 States Central Command.

11 “(2) NOTICE.—When a decision is made to
12 carry out a construction, repair, or renovation
13 project to which paragraph (1) applies, the Com-
14 mander of the United States Central Command shall
15 notify in writing the appropriate committees of Con-
16 gress of that decision, including the justification for
17 the project and the estimated cost of the project.
18 The project may be carried out only after the end
19 of the 21-day period beginning on the date the noti-
20 fication is received by the committees or, if earlier,
21 the end of the 14-day period beginning on the date
22 on which a copy of the notification is provided in an
23 electronic medium pursuant to section 480 of title
24 10, United States Code.”.

1 (3) ELEMENT IN QUARTERLY REPORTS ON
2 CONSTRUCTION, REPAIR, AND RENOVATION.—Para-
3 graph (8) of subsection (d) of such section 1236 is
4 amended to read as follows:

5 “(8) A list of new projects for construction, re-
6 pair, or renovation commenced during the period
7 covered by such progress report, and a list of
8 projects for construction, repair, or renovation con-
9 tinuing from the period covered by the preceding
10 progress report.”.

11 (b) FUNDING.—Subsection (g) of such section 1236,
12 as most recently amended by section 1222 of the National
13 Defense Authorization Act for Fiscal Year 2017, is further
14 amended—

15 (1) by striking “in the National Defense Au-
16 thorization Act for Fiscal Year 2017 for Overseas
17 Contingency Operations in title XV for fiscal year
18 2017” and inserting “for the Department of Defense
19 for Overseas Contingency Operations for fiscal year
20 2018”; and

21 (2) by striking “\$630,000,000” and inserting
22 “\$1,269,000,000”.

23 (c) NAME OF ISLAMIC STATE OR IRAQ AND SYRIA.—

24 (1) IN GENERAL.—Such section 1236 is further
25 amended—

1 (A) in subsection (a)(1)—

2 (i) by striking “the Levant” and in-
3 serting “Syria”; and

4 (ii) by striking “ISIL” each place it
5 appears and inserting “ISIS”; and

6 (B) in subsection (l)—

7 (i) in paragraph (1)(B)(i), by striking
8 “the Levant (ISIL)” and inserting “Syria
9 (ISIS)”; and

10 (ii) in paragraph (2)(A), by striking
11 “ISIL” and inserting “ISIS”.

12 (2) **HEADING AMENDMENT.**—The heading of
13 such section 1236 is amended to read as follows:

14 **“SEC. 1236. AUTHORITY TO PROVIDE ASSISTANCE TO**
15 **COUNTER THE ISLAMIC STATE OF IRAQ AND**
16 **SYRIA.”.**

17 **SEC. 1232. MODIFICATION OF AUTHORITY TO PROVIDE AS-**
18 **SISTANCE TO THE VETTED SYRIAN OPPOSI-**
19 **TION.**

20 (a) **NATURE OF ASSISTANCE.**—Subsection (a) of sec-
21 tion 1209 of the Carl Levin and Howard P. “Buck”
22 McKeon National Defense Authorization Act for Fiscal
23 Year 2015 (Public Law 113–291; 128 Stat. 3541), as
24 amended by section 1221(a) of the National Defense Au-
25 thorization Act for Fiscal Year 2017 (Public Law 114–

1 328; 130 Stat. 2485), is further amended in the matter
2 preceding paragraph (1) by striking “construction of
3 training and associated facilities” and inserting “construc-
4 tion and repair of training and associated facilities or
5 other facilities necessary to meet urgent military oper-
6 ational requirements of a temporary nature with a cost
7 less than \$4,000,000”.

8 (b) SCOPE OF ELEMENT ON CONSTRUCTION
9 PROJECTS IN QUARTERLY PROGRESS REPORTS.—Sub-
10 section (d)(9) of such section 1209 is amended by insert-
11 ing before the semicolon the following: “, including new
12 construction or repair commenced during the period cov-
13 ered by such progress report and construction and repair
14 continuing from the period covered by the preceding
15 progress report”.

16 (c) NOTICE ON NEW INITIATIVES.—

17 (1) IN GENERAL.—Subsection (f) of such sec-
18 tion 1209, as most recently amended by section
19 1221(b) of the National Defense Authorization Act
20 for Fiscal Year 2017, is further amended to read as
21 follows:

22 “(f) NOTICE TO CONGRESS BEFORE INITIATION OF
23 NEW INITIATIVES.—Not later than 30 days before initi-
24 ating a new initiative under subsection (a), the Secretary

1 of Defense shall submit to the appropriate congressional
2 committees a notice setting forth the following:

3 “(1) The initiative to be carried out, including
4 a detailed description of the assistance provided.

5 “(2) The budget, implementation timeline and
6 anticipated delivery schedule for the assistance to
7 which the initiative relates, the military department
8 responsible for management and the associated pro-
9 gram executive office, and the completion date for
10 the initiative.

11 “(3) The amount, source, and planned expendi-
12 ture of funds to carry out the initiative.

13 “(4) Any financial or other support for the ini-
14 tiation provided by foreign governments.

15 “(5) Any other information with respect to the
16 initiative that the Secretary considers appropriate.”.

17 (2) EFFECTIVE DATE.—The amendment made
18 by paragraph (1) shall take effect on the date of the
19 enactment of this Act, and shall apply with respect
20 to new initiatives initiated under section 1209 of the
21 Carl Levin and Howard P. “Buck” McKeon Na-
22 tional Defense Authorization Act for Fiscal Year
23 2015 on or after the date that is 30 days after the
24 date of the enactment of this Act.

1 (d) LIMITATION ON AGGREGATE COST OF CON-
2 STRUCTION AND REPAIR PROJECTS.—Such section 1209
3 is further amended by adding at the end the following new
4 subsection:

5 “(l) LIMITATION ON AGGREGATE COST OF CON-
6 STRUCTION AND REPAIR PROJECTS.—The aggregate
7 amount of construction and repair projects carried out
8 under this section in any fiscal year may not exceed
9 \$10,000,000.”.

10 (e) APPROVAL AND NOTICE BEFORE CERTAIN CON-
11 STRUCTION AND REPAIR PROJECTS.—Such section 1209
12 is further amended by adding at the end the following new
13 subsection:

14 “(m) APPROVAL AND NOTICE BEFORE CERTAIN
15 CONSTRUCTION AND REPAIR PROJECTS.—

16 “(1) APPROVAL.—A construction or repair
17 project costing more than \$1,000,000 may not be
18 carried out under this section unless approved in ad-
19 vance by the Commander of the United States Cen-
20 tral Command.

21 “(2) NOTICE.—When a decision is made to
22 carry out a construction or repair project to which
23 paragraph (1) applies, the Commander of the United
24 States Central Command shall notify in writing the
25 appropriate committees of Congress of that decision,

1 including the justification for the project and the es-
2 timated cost of the project. The project may be car-
3 ried out only after the end of the 21-day period be-
4 ginning on the date the notification is received by
5 the committees or, if earlier, the end of the 14-day
6 period beginning on the date on which a copy of the
7 notification is provided in an electronic medium pur-
8 suant to section 480 of title 10, United States
9 Code.”.

10 **SEC. 1233. EXTENSION AND MODIFICATION OF AUTHORITY**
11 **TO SUPPORT OPERATIONS AND ACTIVITIES**
12 **OF THE OFFICE OF SECURITY COOPERATION**
13 **IN IRAQ.**

14 (a) **EXTENSION OF AUTHORITY.**—Subsection (f)(1)
15 of section 1215 of the National Defense Authorization Act
16 for Fiscal Year 2012 (10 U.S.C. 113 note) is amended
17 by striking “fiscal year 2017” and inserting “fiscal year
18 2018”.

19 (b) **AMOUNT AVAILABLE.**—

20 (1) **IN GENERAL.**—Such section is further
21 amended—

22 (A) in subsection (c), by striking “fiscal
23 year 2017 may not exceed \$70,000,000” and
24 inserting “fiscal year 2018 may not exceed
25 \$42,000,000”; and

1 (B) in subsection (d), by striking “fiscal
2 year 2017” and inserting “fiscal year 2018”.

3 (2) LIMITATION OF USE OF FY18 FUNDS PEND-
4 ING PLAN.—Of the amount available for fiscal year
5 2018 for section 1215 of the National Defense Au-
6 thorization Act for Fiscal Year 2012, as amended by
7 this section, not more than 50 percent may be obli-
8 gated or expended until 30 days after the date on
9 which the plan required by the joint explanatory
10 statement to accompany the conference report on
11 S.2943 of the 114th Congress, the National Defense
12 Authorization Act for Fiscal Year 2017, and entitled
13 “to transition the activities conducted by OSC-I but
14 funded by the Department of Defense to another en-
15 tity or transition the funding of such activities to
16 another source” is provided to the appropriate com-
17 mittees of Congress.

18 (c) CLARIFICATION OF OSC-I MANDATE AND EXPAN-
19 SION OF ELIGIBLE RECIPIENTS.—Subsection (f) of such
20 section is further amended—

21 (1) in paragraph (1), by striking “training ac-
22 tivities in support of Iraqi Ministry of Defense and
23 Counter Terrorism Service personnel” and all that
24 follows and inserting “activities to support the fol-
25 lowing:

1 “(A) Defense institution building to miti-
2 gate capability gaps and promote effective and
3 sustainable defense institutions.

4 “(B) Professionalization, strategic plan-
5 ning and reform, financial management, man-
6 power management, and logistics management
7 of military and other security forces of or asso-
8 ciated with the Government of Iraq, including
9 Kurdish and tribal security forces or other local
10 security forces with a national security mission,
11 at a base or facility of the Government of
12 Iraq.”; and

13 (2) in paragraph (2)—

14 (A) in the heading, by striking “OF TRAIN-
15 ING”; and

16 (B) by striking “training” and inserting
17 “activities of the Office of Security Cooperation
18 in Iraq”.

19 **SEC. 1234. MODIFICATION AND ADDITIONAL ELEMENTS IN**
20 **ANNUAL REPORT ON THE MILITARY POWER**
21 **OF IRAN.**

22 (a) IN GENERAL.—Section 1245(b) of the National
23 Defense Authorization Act for Fiscal Year 2010 (10
24 U.S.C. 113 note) is amended—

25 (1) in paragraph (5)—

1 (A) by inserting “and from” after “trans-
2 fers to”;

3 (B) by striking “from non-Iranian
4 sources” and inserting “from or to non-Iranian
5 sources or destinations”; and

6 (C) by inserting before the period at the
7 end the following: “, including transfers that
8 pertain to nuclear development, ballistic mis-
9 siles, and chemical, biological, and advanced
10 conventional weapons, weapon systems, and de-
11 livery vehicles”; and

12 (2) by adding at the end the following new
13 paragraphs:

14 “(6) An assessment of the use of civilian trans-
15 portation infrastructure and assets, including sea-
16 ports, airports, and commercial vessels and aircraft,
17 used to transport illicit military cargo to or from
18 Iran, including military personnel, military goods,
19 and related components.

20 “(7) An assessment of military-to-military co-
21 operation between Iran and foreign countries, includ-
22 ing Cuba, North Korea, Pakistan, Sudan, Syria,
23 Venezuela, and any other country designated by the
24 Secretary of Defense with additional reference to co-
25 operation and collaboration on the development of

1 nuclear, biological, chemical, and advanced conven-
2 tional weapons, weapon systems, and delivery vehi-
3 cles.”.

4 (b) EFFECTIVE DATE.—The amendments made by
5 this section shall take effect on the date of the enactment
6 of this Act, and shall apply with respect to reports re-
7 quired to be submitted under section 1245 of the National
8 Defense Authorization Act for Fiscal Year 2010 after that
9 date.

10 **Subtitle D—Matters Relating to the** 11 **Russian Federation**

12 **SEC. 1241. EXTENSION OF LIMITATION ON MILITARY CO-** 13 **OPERATION BETWEEN THE UNITED STATES** 14 **AND THE RUSSIAN FEDERATION.**

15 Section 1232 of the National Defense Authorization
16 Act for Fiscal Year 2017 (Public Law 114–328) is amend-
17 ed—

18 (1) in subsection (a)—

19 (A) by inserting “or 2018” after “fiscal
20 year 2017”; and

21 (B) by inserting “in the fiscal year con-
22 cerned” after “may be used”; and

23 (2) in subsection (e), by inserting “with respect
24 to funds for a fiscal year” after “the limitation in
25 subsection (a)”.

1 **SEC. 1242. EXTENSION OF LIMITATION ON AVAILABILITY**
2 **OF FUNDS RELATING TO ACTIVITIES TO REC-**
3 **OGNIZE THE SOVEREIGNTY OF THE RUSSIAN**
4 **FEDERATION OVER CRIMEA.**

5 Section 1234 of the National Defense Authorization
6 Act for Fiscal Year 2017 (Public Law 114–328) is amend-
7 ed—

8 (1) in subsection (a), by inserting “or 2018”
9 after “fiscal year 2017”; and

10 (2) in subsection (b), by inserting “for a fiscal
11 year” after “expenditure of funds”.

12 **SEC. 1243. EXTENSION OF UKRAINE SECURITY ASSISTANCE**
13 **INITIATIVE.**

14 (a) EXTENSION.—Subsection (h) of section 1250 of
15 the National Defense Authorization Act for Fiscal Year
16 2016 (Public Law 114–92; 129 Stat. 1068), as amended
17 by section 1237 of the National Defense Authorization Act
18 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
19 2494), is further amended by striking “December 31,
20 2018” and inserting “December 31, 2019”.

21 (b) FUNDING FOR FISCAL YEAR 2018.—Subsection
22 (f) of such section 1250, as added by subsection (a) of
23 such section 1237, is further amended by adding at the
24 end the following new paragraph:

25 “(3) For fiscal year 2018, \$500,000,000.”.

1 (c) AVAILABILITY OF FUNDS.—Subsection (c) of
2 such section 1250, as amended by subsection (c) of such
3 section 1237, is further amended—

4 (1) in paragraph (1), by inserting after “pursu-
5 ant to subsection (f)(2)” the following: “, or more
6 than \$250,000,000 of the funds available for fiscal
7 year 2018 pursuant to subsection (f)(3),”;

8 (2) in paragraph (2), by inserting “with respect
9 to the fiscal year concerned” after “is a certifi-
10 cation”; and

11 (3) in paragraph (3)—

12 (A) by inserting “or 2018” after “in fiscal
13 year 2017”; and

14 (B) by striking “in paragraph (2), such
15 funds may be used in that fiscal year” and in-
16 serting “in paragraph (2) with respect to such
17 fiscal year, such funds may be used in such fis-
18 cal year”.

19 **SEC. 1244. EXTENSION OF AUTHORITY ON TRAINING FOR**
20 **EASTERN EUROPEAN NATIONAL SECURITY**
21 **FORCES IN THE COURSE OF MULTILATERAL**
22 **EXERCISES.**

23 (a) EXTENSION.—Subsection (h) of section 1251 of
24 the National Defense Authorization Act for Fiscal Year
25 2016 (10 U.S.C. 2282 note) is amended—

1 (1) by striking “September 30, 2018” and in-
2 serting “December 31, 2020”; and

3 (2) by striking “fiscal years 2016 through
4 2018” and inserting “fiscal year 2016 through cal-
5 endar year 2020”.

6 (b) TECHNICAL AND CONFORMING AMENDMENTS.—

7 Such section is further amended—

8 (1) by striking “military” each place it appears
9 and inserting “security”;

10 (2) in subsection (e), by striking “that” and in-
11 serting “than”; and

12 (3) in subsection (f), by striking “section 2282”
13 and inserting “chapter 16”.

14 **SEC. 1245. SECURITY ASSISTANCE FOR BALTIC NATIONS**
15 **FOR JOINT PROGRAM FOR RESILIENCY AND**
16 **DETERRENCE AGAINST AGGRESSION.**

17 (a) IN GENERAL.—The Secretary of Defense may,
18 with the concurrence of the Secretary of State, conduct
19 or support a joint program of the Baltic nations to im-
20 prove their resilience against and build their capacity to
21 deter aggression by the Russian Federation.

22 (b) JOINT PROGRAM.—For purposes of subsection
23 (a), a joint program of the Baltic nations may be either
24 of the following:

1 (1) A program jointly agreed by the Baltic na-
2 tions that builds interoperability among those coun-
3 tries.

4 (2) An agreement for the joint procurement by
5 the Baltic nations of defense articles or services
6 using assistance provided pursuant to subsection (a).

7 (c) PARTICIPATION OF OTHER COUNTRIES.—Any
8 country other than a Baltic nation may participate in the
9 joint program described in subsection (a), but only using
10 funds of such country.

11 (d) LIMITATION ON AMOUNT.—The total amount of
12 assistance provided pursuant to subsection (a) in fiscal
13 year 2018 may not exceed \$100,000,000.

14 (e) FUNDING.—Amounts for assistance provided pur-
15 suant to subsection (a) shall be derived from amounts au-
16 thorized to be appropriated by this Act and available for
17 the European Deterrence Initiative (EDI).

18 (f) BALTIC NATIONS DEFINED.—In this section, the
19 term “Baltic nations” means the following:

20 (1) Estonia.

21 (2) Latvia.

22 (3) Lithuania.

1 **SEC. 1246. ANNUAL REPORT ON MILITARY AND SECURITY**
2 **DEVELOPMENTS INVOLVING THE RUSSIAN**
3 **FEDERATION.**

4 Section 1245(b) of the Carl Levin and Howard P.
5 “Buck” McKeon National Defense Authorization Act for
6 Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3566),
7 as most recently amended by section 1235(a) of the Na-
8 tional Defense Authorization Act for Fiscal Year 2017
9 (Public Law 114–328; 130 Stat. 2490), is further amend-
10 ed—

11 (1) by redesignating paragraphs (14) through
12 (20) as paragraphs (15) through (21), respectively;
13 and

14 (2) by inserting after paragraph (13) the fol-
15 lowing new paragraph (14):

16 “(14) An assessment of Russia’s hybrid warfare
17 strategy and capabilities, including—

18 “(A) Russia’s information warfare strategy
19 and capabilities, including the use of misin-
20 formation, disinformation, and propaganda in
21 social and traditional media;

22 “(B) Russia’s financing of political parties,
23 think tanks, media organizations, and academic
24 institutions;

25 “(C) Russia’s malicious cyber activities;

1 “(D) Russia’s use of coercive economic
2 tools, including sanctions, market access, and
3 differential pricing, especially in energy exports;
4 and

5 “(E) Russia’s use of criminal networks and
6 corruption to achieve political objectives.”.

7 **SEC. 1247. ANNUAL REPORT ON ATTEMPTS OF THE RUS-**
8 **SIAN FEDERATION TO PROVIDE**
9 **DISINFORMATION AND PROPAGANDA TO**
10 **MEMBERS OF THE ARMED FORCES BY SO-**
11 **CIAL MEDIA.**

12 (a) ANNUAL REPORT REQUIRED.—Not later than
13 March 31 each year, the Secretary of Defense shall submit
14 to the congressional defense committees a report on at-
15 tempts by the Russian Federation, or any foreign person
16 acting as an agent of or on behalf of the Russian Federa-
17 tion, during the preceding year to knowingly disseminate
18 Russian Federation-supported disinformation or propa-
19 ganda, through social media applications or related Inter-
20 net-based means, to members of the Armed Forces with
21 probable intent to cause injury to the United States or
22 advantage the Government of the Russian Federation.

23 (b) FORM.—Each report under this section shall be
24 submitted in unclassified form, but may include a classi-
25 fied annex.

1 **SEC. 1248. SUPPORT OF EUROPEAN DETERRENCE INITIA-**
2 **TIVE TO DETER RUSSIAN AGGRESSION.**

3 (a) FINDINGS.—Congress makes the following find-
4 ings:

5 (1) Military exercises, such as Exercise Nifty
6 Nugget and Exercise Reforger during the Cold War,
7 have historically made important contributions to
8 testing operational concepts, technologies, and lead-
9 ership approaches; identifying limiting factors in the
10 execution of operational plans and appropriate cor-
11 rective action; and bolstering deterrence against ad-
12 versaries by demonstrating United States military
13 capabilities.

14 (2) Military exercises with North Atlantic Trea-
15 ty Organization (NATO) allies enhance the inter-
16 operability and strategic credibility of the alliance.

17 (3) The increase in conventional, nuclear, and
18 hybrid threats by the Russian Federation against
19 the security interests of the United States and allies
20 in Europe requires substantial and sustained invest-
21 ment to improve United States combat capability in
22 Europe.

23 (4) The decline of a permanent United States
24 military presence in Europe in recent years increases
25 the likelihood the United States will rely on being
26 able to flow forces from the continental United

1 States to the European theater in the event of a
2 major contingency.

3 (5) Senior military leaders, including the Com-
4 mander of United States Transportation Command,
5 have warned that a variety of increasingly advanced
6 capabilities, especially the proliferation of anti-ac-
7 cess, area denial (A2/AD) capabilities, have given
8 adversaries of the United States the ability to chal-
9 lenge the freedom of movement of the United States
10 military in all domains from force deployment to em-
11 ployment to disrupt, delay, or deny operations.

12 (b) SENSE OF CONGRESS.—It is the sense of Con-
13 gress that, to enhance the European Deterrence Initiative
14 and bolster deterrence against Russian aggression, the
15 United States, together with North Atlantic Treaty Orga-
16 nization allies and other European partners, should dem-
17 onstrate its resolve and ability to meet its commitments
18 under Article V of the North Atlantic Treaty through ap-
19 propriate military exercises with an emphasis on participa-
20 tion of United States forces based in the continental
21 United States and testing strategic and operational logis-
22 tics and transportation capabilities.

23 (c) REPORT.—

24 (1) IN GENERAL.—Not later than March 1,
25 2018, the Secretary of Defense shall submit to the

1 congressional defense committees a report setting
2 forth the following:

3 (A) An analysis of the challenges to the
4 ability of the United States to flow significant
5 forces from the continental United States to the
6 European theater in the event of a major con-
7 tingency.

8 (B) The plans of the Department of De-
9 fense, including the conduct of military exer-
10 cises, to address such challenges.

11 (2) FORM.—The report required by paragraph
12 (1) shall be submitted in unclassified form, but may
13 include a classified annex.

14 **SEC. 1249. SENSE OF CONGRESS ON THE EUROPEAN DE-**
15 **TERRENCE INITIATIVE.**

16 It is the sense of Congress that—

17 (1) the European Deterrence Initiative will bol-
18 ster efforts to deter further Russian aggression by
19 providing resources to—

20 (A) train and equip the military forces of
21 North Atlantic Treaty Organization (NATO)
22 and non-North Atlantic Treaty Organization
23 partners in order to improve responsiveness, ex-
24 pand expeditionary capability, and strengthen

1 combat effectiveness across the spectrum of se-
2 curity environments;

3 (B) enhance the indications and warning,
4 interoperability, and logistics capabilities of Al-
5 lied and partner military forces to increase their
6 ability to respond to external aggression, defend
7 sovereignty and territorial integrity, and pre-
8 serve regional stability;

9 (C) improve the agility and flexibility of
10 military forces required to address threats
11 across the full spectrum of domains and effec-
12 tively operate in a wide array of coalition oper-
13 ations across diverse global environments from
14 North Africa and the Middle East to Eastern
15 Europe and the Arctic; and

16 (D) mitigate potential gaps forming in the
17 areas of information warfare, Anti-Access Area
18 Denial, and force projection;

19 (2) investments that support the security and
20 stability of Europe, and that assist European na-
21 tions in further developing their security capabilities,
22 are in the long-term vital national security interests
23 of the United States; and

24 (3) funds for such efforts should be authorized
25 and appropriated in the base budget of the Depart-

1 (1) The North Atlantic Treaty Organization
2 (NATO) Intelligence Fusion Center provides a cru-
3 cial contribution to the North Atlantic Treaty Orga-
4 nization alliance and the national security of the
5 United States.

6 (2) The fast-paced evolution of the security sit-
7 uation throughout Europe and its periphery, as well
8 as a marked increase in conventional, nuclear, and
9 hybrid threats from the Russian Federation, require
10 optimized efforts to track and attribute critical
11 threats to the security and stability of Europe and
12 United States national security interests.

13 (3) The ability of the North Atlantic Treaty Or-
14 ganization Intelligence Fusion Center to leverage
15 strategic intelligence partnerships with the United
16 States and other allies facilitates daily and direct
17 collaboration that provides operational advantages
18 and efficiencies needed to ensure the rapid and prop-
19 er response by the North Atlantic Treaty Organiza-
20 tion to Russian aggression in the conventional, nu-
21 clear, and hybrid domains.

22 (4) The collocation of the North Atlantic Treaty
23 Organization Intelligence Fusion Center with the
24 Joint Intelligence Analysis Complex of the United
25 States European Command facilitates the sharing

1 and fusion of intelligence, contributes to filling intel-
2 ligence gaps within both the North Atlantic Treaty
3 Organization and the United States European Com-
4 mand, and supports a common intelligence picture
5 for the North Atlantic Council, which is essential to
6 establishing political consensus on evaluating, ana-
7 lyzing, and attributing existing and emerging
8 threats.

9 (5) The North Atlantic Treaty Organization In-
10 telligence Fusion Center and its collocation with the
11 Joint Intelligence Analysis Complex contribute sig-
12 nificantly to providing the North Atlantic Treaty Or-
13 ganization alliance and the United States European
14 Command timely and effective indications and warn-
15 ings of threats emanating from within and around
16 Europe.

17 (b) SENSE OF CONGRESS.—It is the sense of Con-
18 gress that the collocation of the North Atlantic Treaty Or-
19 ganization Intelligence Fusion Center with the Joint Intel-
20 ligence Analysis Complex of the United States European
21 Command provides the optimal solution to intelligence and
22 operational requirements, while fostering critical diplo-
23 matic relationships, and is the most efficient configuration
24 of the intelligence enterprise.

1 **Subtitle E—Matters Relating to the**
2 **Asia-Pacific Region**

3 **SEC. 1261. ASIA-PACIFIC STABILITY INITIATIVE.**

4 (a) IN GENERAL.—The Secretary of Defense may
5 carry out a program of activities described in subsection
6 (b) for the purpose of enhancing stability in the Asia-Pa-
7 cific region. The program of activities shall be known as
8 the “Asia-Pacific Stability Initiative”.

9 (b) ACTIVITIES.—The activities described in this sub-
10 section are the following:

11 (1) Activities to increase the presence and en-
12 hance the posture of the United States Armed
13 Forces in the Asia-Pacific region.

14 (2) Bilateral and multilateral military training
15 and exercises with allies and partner nations in the
16 Asia-Pacific region.

17 (3) Activities to improve military and defense
18 infrastructure in the Asia-Pacific region in order to
19 enhance the responsiveness and capabilities of the
20 United States Armed Forces in that region.

21 (4) Activities to enhance the storage and pre-
22 positioning in the Asia-Pacific region of equipment
23 of the United States Armed Forces.

24 (5) Activities to build the defense and security
25 capacity of the United States Armed Forces in the

1 Asia-Pacific region and, using the authorities speci-
2 fied in subsection (c), the defense and security ca-
3 pacity of allies and partner nations in that region.

4 (c) ACTIVITIES TO BUILD DEFENSE AND SECURITY
5 CAPACITY OF ALLIES AND PARTNER NATIONS.—The ac-
6 tivities to build the defense and security capacity of allies
7 and partner nations in the Asia-Pacific region described
8 in subsection (b)(5) may include activities under the au-
9 thorities of the Department of Defense as follows:

10 (1) Section 2282 of title 10, United States
11 Code, or section 333 of such title (its successor sec-
12 tion), relating to authority to build the capacity of
13 foreign security forces.

14 (2) Section 332 of title 10, United States Code,
15 relating to defense institution capacity building for
16 friendly foreign countries and international and re-
17 gional organizations.

18 (3) Section 1263 of the National Defense Au-
19 thorization Act for Fiscal Year 2016 (10 U.S.C.
20 2282 note), relating to the Southeast Asia Maritime
21 Security Initiative.

22 (4) Section 1206 of the Carl Levin and Howard
23 P. “Buck” McKeon National Defense Authorization
24 Act for Fiscal Year 2015 (10 U.S.C. 2282 note), re-
25 lating to training of security forces and associated

1 ministries of foreign countries to promote respect for
2 the rule of law and human rights.

3 (5) Any other authority available to the Sec-
4 retary of Defense for the purpose of building the de-
5 fense and security capacity of allies and partner na-
6 tions in the Asia-Pacific region.

7 (d) TRANSFER REQUIREMENTS.—

8 (1) USE OF FUNDS ONLY PURSUANT TO TRANS-
9 FER.—Funds available for the Asia-Pacific Stability
10 Initiative may be used for activities described in sub-
11 sections (b) and (c) only pursuant to a transfer of
12 such funds to or among either or both of the fol-
13 lowing accounts of the Department of Defense:

14 (A) Military personnel accounts.

15 (B) Operation and maintenance accounts.

16 (2) EFFECT ON AUTHORIZATION AMOUNTS.—

17 The transfer of an amount available for the Asia-Pa-
18 cific Stability Initiative to an account under the au-
19 thority provided by paragraph (1) in a fiscal year
20 shall be deemed to increase the amount authorized
21 for such account for such fiscal year by an amount
22 equal to the amount transferred.

23 (3) CONSTRUCTION WITH OTHER TRANSFER
24 AUTHORITY.—The transfer authority provided by
25 paragraph (1) is in addition to any other transfer

1 authority available to the Department of Defense by
2 law.

3 (e) NOTIFICATION REQUIREMENTS.—Not later than
4 15 days before that date on which a transfer of funds
5 under subsection (d) takes effect, the Secretary of Defense
6 shall notify the Committees on Armed Services of the Sen-
7 ate and the House of Representatives in writing of the
8 transfer. Each notice of a transfer of funds shall include
9 the following:

10 (1) A detailed description of the project or ac-
11 tivity to be supported by the transfer of funds, in-
12 cluding any request of the Commander of the United
13 States Pacific Command for support, urgent oper-
14 ational need, or emergent operational need to be sat-
15 isfied by the project or activity.

16 (2) The amount to be transferred and expended
17 on the project or activity.

18 (3) A timeline for expenditure of the trans-
19 ferred funds.

20 (f) FUNDING.—Amounts for the Asia- Pacific Sta-
21 bility Initiative shall be derived from amounts authorized
22 to be appropriated for fiscal year 2018 for the Department
23 of Defense for operation and maintenance by section 301
24 and available for the Asia-Pacific Stability Initiative as
25 specified in the funding table in section 4301.

1 (g) DURATION OF TRANSFER AUTHORITY.—The au-
2 thority in subsection (d) to transfer funds expires Sep-
3 tember 30, 2019.

4 (h) ASIA-PACIFIC REGION DEFINED.—In this sec-
5 tion, the term “Asia-Pacific region” means the region that
6 falls under the responsibility and jurisdiction of United
7 States Pacific Command.

8 **SEC. 1262. EXPANSION OF MILITARY-TO-MILITARY ENGAGE-**
9 **MENT WITH THE GOVERNMENT OF BURMA.**

10 Section 1253(a) of the Carl Levin and Howard P.
11 “Buck” McKeon National Defense Authorization Act for
12 Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3571;
13 22 U.S.C. 2151 note) is amended by adding at the end
14 the following new paragraphs:

15 “(6) Courses or workshops to improve the Bur-
16 mese military’s—

17 “(A) understanding of regional and global
18 security issues; and

19 “(B) ability to adhere to international
20 training standards.

21 “(7) Consultation, education, and training on
22 maritime domain awareness.

23 “(8) Consultation, education, and training on
24 peacekeeping operations.

1 “(9) Courses or workshops on combating illegal
2 trafficking and migration.”.

3 **SEC. 1263. AGREEMENT SUPPLEMENTAL TO COMPACT OF**
4 **FREE ASSOCIATION WITH PALAU.**

5 (a) APPROVAL OF AGREEMENT SUPPLEMENTAL TO
6 COMPACT.—The Compact Review Agreement and appen-
7 dices signed by the United States and the Republic of
8 Palau on September 3, 2010, in connection with section
9 432 of the Compact of Free Association with Palau (Pub-
10 lic Law 99–658; 48 U.S.C. 1931 note), with the funding
11 schedule therein to be modified by the parties to the
12 Agreement as necessary and appropriate, are approved
13 (hereinafter the “Agreement”).

14 (b) STATUS OF PRIOR YEAR PAYMENTS.—Amounts
15 provided to the Government of Palau by the Government
16 of the United States in fiscal years 2011 through 2017
17 shall also be considered as funding to implement the
18 Agreement.

19 (c) EXTENSION OF EFFECTIVE DATE.—Section
20 105(f)(1)(B)(ix) of the Compact of Free Association
21 Amendments Act of 2003 (48 U.S.C. 1921d(f)(1)(B)(ix))
22 is amended by striking “2009” and inserting “2024”.

1 **SEC. 1264. WORKFORCE ISSUES FOR RELOCATION OF MA-**
2 **RINES TO GUAM.**

3 (a) AMENDMENTS TO THE MILITARY CONSTRUCTION
4 AUTHORIZATION ACT FOR FISCAL YEAR 2009.—Sub-
5 section 2824(c)(6)(D) of the Military Construction Au-
6 thorization Act for Fiscal Year 2009 (division B of Public
7 Law 110–417; 10 U.S.C. 2687 note) is amended—

8 (1) by inserting “and the Secretary of Veterans
9 Affairs” after “the Secretary of Labor” each place
10 it appears; and

11 (2) in the last sentence, by striking “deter-
12 mines” and inserting “determine”.

13 (b) AMENDMENT TO JOINT RESOLUTION APPROVING
14 THE COVENANT ESTABLISHING COMMONWEALTH OF THE
15 NORTHERN MARIANA ISLANDS.—Section 6(b) of the Joint
16 Resolution entitled “A Joint Resolution to approve the
17 ‘Covenant To Establish a Commonwealth of the Northern
18 Mariana Islands in Political Union With the United States
19 of America’, and for other purposes”, approved March 24,
20 1976 (48 U.S.C. 1806(b)) is amended to read as follows:

21 “(b) NUMERICAL LIMITATIONS FOR NONIMMIGRANT
22 WORKERS.—

23 “(1) IN GENERAL.—An alien, if otherwise quali-
24 fied, may, before December 31, 2023, seek admis-
25 sion to Guam as a nonimmigrant worker under sec-
26 tion 101(a)(15)(H) of the Immigration and Nation-

1 ality Act (8 U.S.C. 1101(a)(15)(H)) without count-
2 ing against the numerical limitations set forth in
3 section 214(g) of such Act (8 U.S.C. 1184(g)). The
4 numerical limitation of such aliens may not exceed
5 4,000 for any fiscal year. An alien, if otherwise
6 qualified, may, before December 31, 2023, be admit-
7 ted under section 101(a)(15)(H)(ii)(b) of such Act
8 for a period of up to 3 years to perform services or
9 labor on Guam pursuant to any agreement entered
10 into by a prime contractor or subcontractor calling
11 for services or labor required for performance of the
12 contract or subcontract in direct support of all mili-
13 tary-funded construction, repairs, renovation, and
14 facilities services necessary to enable the Marine
15 Corps realignment in the Pacific, notwithstanding
16 the requirement of such section that the service or
17 labor be temporary. This subsection does not apply
18 to any employment to be performed outside of Guam
19 or the Commonwealth.

20 “(2) APPLICABILITY OF CERTAIN REQUIRE-
21 MENTS.—The requirements of section 2824(c) of the
22 Military Construction Act for Fiscal Year 2009 (di-
23 vision B of Public Law 110-417; 10 U.S.C. note)
24 shall apply to this subsection.”.

1 (c) EFFECTIVE DATE.—The amendment made by
2 subsection (b) shall take effect on the date that is 120
3 days after the date of enactment of this Act.

4 **SEC. 1265. UNITED STATES POLICY WITH RESPECT TO**
5 **FREEDOM OF NAVIGATION OPERATIONS AND**
6 **OVERFLIGHT BEYOND THE TERRITORIAL**
7 **SEAS.**

8 (a) FINDINGS.—Congress makes the following find-
9 ings:

10 (1) Since the Declaration of Independence in
11 1776, which was inspired in part as a response to
12 a “tyrant” who “plundered our seas, ravaged our
13 Coasts” and who wrote laws “for cutting off our
14 Trade with all parts of the world”, freedom of seas
15 and promotion of international commerce have been
16 core security interests of the United States.

17 (2) Article I, section 8 of the Constitution of
18 the United States establishes enumerated powers for
19 Congress, which include regulating commerce with
20 foreign nations, punishing piracies and felonies com-
21 mitted on the high seas and offenses against the law
22 of nations, and providing and maintaining a Navy.

23 (3) For centuries, the United States has main-
24 tained a commitment to ensuring the right to free-

1 dom of navigation for all law-abiding parties in every
2 region of the world.

3 (4) In support of international law, the long-
4 standing United States commitment to freedom of
5 navigation and ensuring the free access to sea lanes
6 to promote global commerce remains a core security
7 interest of the United States.

8 (5) This is particularly true in areas of the
9 world that are critical transportation corridors and
10 key routes for global commerce, such as the South
11 China Sea and the East China Sea, through which
12 a significant portion of global commerce transits.

13 (6) The consistent exercise of freedom of navi-
14 gation operations and overflights by United States
15 naval and air forces throughout the world plays a
16 critical role in safeguarding the freedom of the seas
17 for all lawful nations, supporting international law,
18 and ensuring the continued safe passage and pro-
19 motion of global commerce and trade.

20 (b) DECLARATION OF POLICY.—It is the policy of the
21 United States to fly, sail, and operate throughout the
22 oceans, seas, and airspace of the world wherever inter-
23 national law allows.

1 (c) IMPLEMENTATION OF POLICY.—In furtherance of
2 the policy set forth in subsection (b), the Secretary of De-
3 fense shall—

4 (1) plan and execute a robust series of routine
5 and regular naval presence missions and freedom of
6 navigation operations (FONOPs) throughout the
7 world, including for critical transportation corridors
8 and key routes for global commerce;

9 (2) execute, in such critical transportation cor-
10 ridors, routine and regular naval presence missions
11 and maritime freedom of navigation operations
12 throughout the year;

13 (3) in addition to the operations executed pur-
14 suant to paragraph (2), execute routine and regular
15 maritime freedom of navigation operations through-
16 out the year, in accordance with international law,
17 including the use of expanded military options and
18 maneuvers beyond innocent passage; and

19 (4) to the maximum extent practicable, execute
20 freedom of navigation operations pursuant to this
21 subsection with regional partner countries and allies
22 of the United States.

23 **SEC. 1266. SENSE OF CONGRESS ON THE IMPORTANCE OF**
24 **THE RULE OF LAW IN THE SOUTH CHINA SEA.**

25 It is the sense of Congress that—

1 (1) the South China Sea is a vitally important
2 waterway for global commerce and for regional secu-
3 rity, with almost 30 percent of the maritime trade
4 of the world transiting the South China Sea annu-
5 ally;

6 (2) the People’s Republic of China is under-
7 mining regional security and prosperity and chal-
8 lenging international rules and norms by engaging in
9 coercive activities and attempting to limit lawful for-
10 eign operations in the South China Sea;

11 (3) a tribunal determined “that China had vio-
12 lated the Philippines’ sovereign rights in its exclusive
13 economic zone by (a) interfering with Philippine
14 fishing and petroleum exploration, (b) constructing
15 artificial islands and (c) failing to prevent Chinese
16 fishermen from fishing in the zone,” and that “Chi-
17 nese law enforcement vessels had unlawfully created
18 a serious risk of collision when they physically ob-
19 structed Philippine vessels”;

20 (4) the arbitral tribunal award of July 2016
21 stated that there is “no legal basis for China to
22 claim historic rights to resources within the sea
23 areas falling within the nine-dash line”; and

24 (5) the United States should play a vital role in
25 securing the South China Sea and ensuring freedom

1 of navigation and overflight for all countries by un-
2 dertaking freedom of navigation operations on a reg-
3 ular and consistent basis, as well as maintaining
4 persistent presence operations in the region.

5 **SEC. 1267. SENSE OF CONGRESS ON THE IMPORTANCE OF**
6 **THE RELATIONSHIP BETWEEN THE UNITED**
7 **STATES AND JAPAN.**

8 It is the sense of Congress that—

9 (1) the United States and Japan are indispen-
10 sable partners in tackling global challenges, and
11 have pledged significant support for efforts to
12 counter violent extremism (including the threat of
13 the Islamic State), combat the proliferation of weap-
14 ons of mass destruction, prevent piracy, and assist
15 the victims of conflict and disaster worldwide;

16 (2) the security alliance between the United
17 States and Japan has evolved considerably over
18 many decades and will continue to transform as a
19 partnership, sharing greater responsibilities, dedi-
20 cated to ensuring a secure and prosperous Asia-Pa-
21 cific region and world;

22 (3) the alliance between the United States and
23 Japan is essential for ensuring maritime security
24 and freedom of navigation, commerce, and overflight
25 in the waters of the East China Sea;

1 (4) Japan, a cornerstone of peace in the Asia-
2 Pacific region, stands as a strong partner of the
3 United States in efforts to uphold respect for the
4 rule of law and to oppose the use of coercion, intimi-
5 dation, or force to change the regional or global sta-
6 tus quo, including in the East China Sea and the
7 South China Sea, which are among the busiest wa-
8 terways in the world;

9 (5) the United States and Japan are committed
10 to working together towards a world in which the
11 Democratic People's Republic of Korea (DPRK)
12 does not threaten global peace and security with its
13 weapons of mass destruction and illicit activities,
14 and in which it respects human rights and its people
15 can live in freedom;

16 (6) the alliance between the United States and
17 Japan should be strengthened to maintain peace and
18 stability in the Asia-Pacific region and beyond, to
19 confront emerging challenges, and to safeguard mar-
20 itime security and ensure freedom of navigation,
21 commerce, and overflight in the East China Sea and
22 the South China Sea;

23 (7) although the United States Government
24 does not take a position on sovereignty of the
25 Senkaku Islands, the United States acknowledges

1 that the islands are under the administration of
2 Japan and opposes any unilateral actions that would
3 seek to undermine their administration by Japan;
4 and

5 (8) the unilateral actions of a third party will
6 not affect the United States acknowledgment of the
7 administration of Japan over the Senkaku Islands,
8 and the United States remains committed under the
9 Treaty of Mutual Cooperation and Security with
10 Japan to respond to any armed attack in the terri-
11 tories under the administration of Japan.

12 **SEC. 1268. SENSE OF CONGRESS ON THE IMPORTANCE OF**
13 **THE UNITED STATES ALLIANCE WITH THE**
14 **REPUBLIC OF KOREA.**

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

17 (1) The Government of North Korea has re-
18 peatedly violated its commitments to the complete,
19 verifiable, and irreversible dismantlement of its nu-
20 clear weapons programs.

21 (2) Based on its past actions, including the
22 transfer of sensitive nuclear and missile technology
23 to state sponsors of terrorism, North Korea poses a
24 grave risk for the proliferation of nuclear weapons
25 and other weapons of mass destruction.

1 (3) North Korea has—

2 (A) unilaterally withdrawn from the Ko-
3 rean War Armistice Agreement, done at Pan-
4 munjom, Korea, July 27, 1953; and

5 (B) committed provocations against South
6 Korea—

7 (i) by sinking the warship Cheonan
8 and killing 46 of her crew on March 26,
9 2010;

10 (ii) by shelling Yeonpyeong Island and
11 killing 4 South Korea civilians on Novem-
12 ber 23, 2010; and

13 (iii) by its involvement in the
14 “DarkSeoul” cyberattacks against the fi-
15 nancial and communications interests of
16 the Republic of Korea on March 20, 2013.

17 (4) North Korea maintains a system of brutal
18 political prison camps that contain as many as
19 200,000 men, women, and children, who are—

20 (A) kept in atrocious living conditions with
21 insufficient food, clothing, and medical care;
22 and

23 (B) under constant fear of rape, torture,
24 or arbitrary execution.

1 (5) The Government of North Korea has pro-
2 vided technical support and conducted destructive
3 and coercive cyberattacks including against Sony
4 Pictures Entertainment and other United States
5 persons.

6 (6) The conduct of the Government of North
7 Korea poses an imminent threat to—

8 (A) the security of the United States and
9 its allies;

10 (B) the global economy;

11 (C) the safety of members of the United
12 States Armed Forces;

13 (D) the integrity of the global financial
14 system;

15 (E) the integrity of global nonproliferation
16 programs; and

17 (F) the people of North Korea.

18 (b) SENSE OF CONGRESS.—It is the sense of Con-
19 gress that, in order to achieve the peaceful disarmament
20 of North Korea, the United States should—

21 (1) reaffirm the commitment of the United
22 States to defending our allies in the region, includ-
23 ing through the deployment of a Terminal High Alti-
24 tude Area Defense (THAAD) battery to the Repub-
25 lic of Korea, and the commitment to provide ex-

1 tended deterrence, guaranteed by the full spectrum
2 of United States defense capabilities, including con-
3 ventional capabilities, missile defense, and the nu-
4 clear umbrella;

5 (2) support ongoing efforts to strengthen the
6 alliance between the United States and the Republic
7 of Korea alliance, to protect the 28,500 members of
8 the United States Armed Forces stationed on the
9 Korean Peninsula, and to defend the alliance against
10 any and all provocations committed by the North
11 Korea regime; and

12 (3) support efforts to deepen trilateral coordi-
13 nation and cooperation between the United States,
14 the Republic of Korea, and Japan, to address the
15 grave and growing threat of the ballistic missiles and
16 nuclear weapons programs of North Korea.

17 **SEC. 1269. SENSE OF CONGRESS ON EXTENDED DETER-**
18 **RENCE FOR THE KOREAN PENINSULA AND**
19 **JAPAN.**

20 It is the sense of Congress that—

21 (1) the nuclear and missile program of North
22 Korea is one of the most dangerous national security
23 threats facing the United States today; and

24 (2) given the threat posed by North Korea to
25 our allies, the Republic of Korea and Japan, the Nu-

1 clear Posture Review that will occur this year should
2 fully consider the perspectives of key allies and part-
3 ners of the United States in East Asia, including the
4 Republic of Korea and Japan.

5 **SEC. 1270. DEFENSE PARTNERSHIP BETWEEN THE UNITED**
6 **STATES AND TAIWAN.**

7 (a) SENSE OF CONGRESS.—It is the sense of Con-
8 gress that United States should strengthen and enhance
9 its long-standing partnership and strategic cooperation
10 with Taiwan, and reinforce its commitment to the Taiwan
11 Relations Act and the “Six Assurances” as both countries
12 work toward mutual security objectives, by—

13 (1) conducting regular transfers of defense arti-
14 cles and defense services necessary to enable Taiwan
15 to secure common interests and objectives with the
16 United States, based solely on the needs of Taiwan;

17 (2) assisting Taiwan in building an effective air
18 defense capability consisting of a balance of fighters
19 and mobile air defense systems; and

20 (3) inviting Taiwan to participate in multilat-
21 eral training activities hosted by the United States
22 that increase the credible deterrent capabilities of
23 Taiwan.

24 (b) REPORT ON NAVAL PORT OF CALL EXCHANGES
25 BETWEEN THE UNITED STATES AND TAIWAN.—

1 (1) REPORT REQUIRED.—Not later than Sep-
2 tember 1, 2018, the Secretary of Defense shall sub-
3 mit to the appropriate committees of Congress a re-
4 port on the following:

5 (A) An assessment and planning regarding
6 ports of call by the United States Navy at
7 Kaohsiung, or any other suitable port or ports
8 on the island of Taiwan.

9 (B) An assessment of the feasibility and
10 advisability of permitting the United States Pa-
11 cific Command (PACOM) to receive ports of
12 call by the navy of Taiwan in Hawaii, Guam,
13 and other appropriate locations.

14 (2) FORM.—The report required by paragraph
15 (1) shall be submitted in unclassified form, but may
16 include a classified annex.

17 (3) APPROPRIATE COMMITTEES OF CONGRESS
18 DEFINED.—In this subsection, the term “appro-
19 priate committees of Congress” means—

20 (A) the Committee on Armed Services and
21 the Committee on Foreign Relations of the Sen-
22 ate; and

23 (B) the Committee on Armed Services and
24 the Committee on Foreign Affairs of the House
25 of Representatives.

1 **SEC. 1270A. NAVAL PORT OF CALL EXCHANGES BETWEEN**
2 **THE UNITED STATES AND TAIWAN.**

3 The Secretary of Defense shall—

4 (1) reestablish regular ports of call by the
5 United States Navy at Kaohsiung or any other suit-
6 able port or ports on the island of Taiwan; and

7 (2) permit the United States Pacific Command
8 (PACOM) to receive ports of call by the navy of Tai-
9 wan in Hawaii, Guam, and other appropriate loca-
10 tions.

11 **SEC. 1270B. PROGRAM TO ENHANCE THE UNDERSEA WAR-**
12 **FARE CAPABILITIES OF TAIWAN.**

13 The Secretary of Defense shall implement a program
14 of technical assistance and consultation to support the ef-
15 forts of Taiwan to develop indigenous undersea warfare
16 capabilities, including vehicles and sea mines, for its mili-
17 tary forces.

18 **SEC. 1270C. INVITATION OF TAIWAN MILITARY FORCES TO**
19 **PARTICIPATE IN JOINT MILITARY EXER-**
20 **CISES.**

21 The Secretary of Defense shall invite the military
22 forces of Taiwan to participate in one of the military exer-
23 cises known as the “Red Flag” exercises, conducted at
24 Eielson Air Force Base, Alaska, and Nellis Air Force
25 Base, Nevada, that are conducted during the one-year pe-
26 riod beginning on the date of the enactment of this Act.

1 **SEC. 1270D. REPORT ON MILITARY EXCHANGES BETWEEN**
2 **SENIOR OFFICERS AND OFFICIALS OF THE**
3 **UNITED STATES AND TAIWAN.**

4 Not later than April 1, 2018, the Secretary of De-
5 fense shall submit to the congressional defense committees
6 a report that includes the following:

7 (1) A list of actions taken to implement the rec-
8 ommendations contained in section 1284 of the Na-
9 tional Defense Authorization Act for Fiscal Year
10 2017 (Public Law 114–328; 130 Stat. 2544).

11 (2) A description of future plans to implement
12 the recommendations contained in section 1284 of
13 the National Defense Authorization Act for Fiscal
14 Year 2017.

15 (3) If no actions have been taken to implement
16 the recommendations contained in section 1284 of
17 the National Defense Authorization Act for Fiscal
18 Year 2017 or there are no future plans to implement
19 the recommendations, the reasons why.

20 **Subtitle F—Reports**

21 **SEC. 1271. SUBMITTAL OF DEPARTMENT OF DEFENSE SUP-**
22 **PLEMENTAL AND COST OF WAR EXECUTION**
23 **REPORTS ON QUARTERLY BASIS.**

24 Subsection (c) of section 1212 of the National De-
25 fense Authorization Act for Fiscal Year 2006 (10 U.S.C.
26 113 note) is amended to read as follows:

1 “(c) QUARTERLY SUBMITTAL TO CONGRESS AND
2 GAO OF CERTAIN REPORTS ON COSTS.—Not later than
3 45 days after the end of each fiscal year quarter, the Sec-
4 retary of Defense shall submit to the congressional defense
5 committees and the Comptroller General of the United
6 States the Department of Defense Supplemental and Cost
7 of War Execution report for such fiscal year quarter.”.

8 **SEC. 1272. CONSOLIDATION OF REPORTS ON UNITED**
9 **STATES ARMED FORCES, CIVILIAN EMPLOY-**
10 **EES, AND CONTRACTORS DEPLOYED IN SUP-**
11 **PORT OF OPERATION INHERENT RESOLVE**
12 **AND OPERATION FREEDOM’S SENTINEL.**

13 (a) REPORTS REQUIRED.—Not later than 30 days
14 after the date of the enactment of this Act, and every 90
15 days thereafter, the Secretary of Defense shall submit to
16 the congressional defense committees a report on United
17 States Armed Forces, Department of Defense civilian em-
18 ployees, and Department of Defense contractor employees
19 deployed in support of Operation Inherent Resolve and
20 Operation Freedom’s Sentinel.

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

23 (1) The total number of members of the United
24 States Armed Forces, set forth by Armed Force and
25 component (whether regular, National Guard, or Re-

1 serve), Department of Defense civilian employees,
2 and Department of Defense contractor employees
3 deployed in support of Operation Inherent Resolve
4 and Operation Freedom’s Sentinel for the most re-
5 cent month for which data is available.

6 (2) An estimate for the 3-month period fol-
7 lowing the date on which the report is submitted of
8 the total number of members of the United States
9 Armed Forces, set forth by Armed Force and com-
10 ponent (whether regular, National Guard, or Re-
11 serve), Department civilian employees, and Depart-
12 ment contractor employees to be deployed in support
13 of Operation Inherent Resolve and Operation Free-
14 dom’s Sentinel.

15 (3) A description of any limitations on the
16 number of United States Armed Forces, Department
17 civilian employees, and Department contractor em-
18 ployees deployed in support of Operation Inherent
19 Resolve and Operation Freedom’s Sentinel.

20 (4) A description of military functions that are
21 and are not subject to the limitations described in
22 paragraph (3).

23 (5) The total number of members of the United
24 States Armed Forces, set forth by Armed Force and
25 component (whether regular, National Guard, or Re-

1 serve), Department civilian employees, and Depart-
2 ment contractor employees deployed in support of
3 Operation Inherent Resolve or Operation Freedom’s
4 Sentinel that are not subject to the limitations de-
5 scribed in paragraph (3) for the most recent month
6 for which data is available.

7 (6) Any changes to the limitations described in
8 paragraph (3), and the rationale for such changes.

9 (7) Any other matters the Secretary considers
10 appropriate.

11 (c) FORM.—If any report under subsection (a) is sub-
12 mitted in classified form, such report shall be accompanied
13 by an unclassified summary that includes, at a minimum,
14 the information required by subsection (b)(1).

15 (d) SUNSET.—The requirement to submit reports
16 under this section shall terminate on the earlier of—

17 (1) the date on which Operation Inherent Re-
18 solve and Operation Freedom’s Sentinel terminate,
19 whichever is later; or

20 (2) the date that is five years after the date of
21 the enactment of this Act.

22 (e) REPEAL OF SUPERSEDED PROVISION.—Section
23 1224 of the National Defense Authorization Act for Fiscal
24 Year 2016 (Public Law 114–92; 129 Stat. 1053) is re-
25 pealed.

1 **Subtitle G—Other Matters**

2 **SEC. 1281. MODIFICATION OF AVAILABILITY OF FUNDS IN** 3 **SPECIAL DEFENSE ACQUISITION FUND FOR** 4 **PRECISION GUIDED MUNITIONS.**

5 (a) IN GENERAL.—Section 114(c)(3) of title 10,
6 United States Code, is amended—

7 (1) by striking “amount available” and all that
8 follows through “\$500,000,000” and inserting
9 “amount of obligation authority available from the
10 Special Defense Acquisition Fund in any fiscal year
11 after fiscal year 2017, 20 percent”; and

12 (2) by inserting after “precision guided muni-
13 tions” the following: “, and associated support
14 equipment and services,”.

15 (b) EFFECTIVE DATE.—The amendments made by
16 subsection (a) shall take effect on October 1, 2017.

17 **SEC. 1282. USE OF FUNDS IN THE UNITED STATES FOR CER-** 18 **TAIN UNITED STATES-ISRAEL ANTI-TUNNEL** 19 **COOPERATION ACTIVITIES.**

20 (a) IN GENERAL.—Section 1279(b) of the National
21 Defense Authorization Act for Fiscal Year 2016 (22
22 U.S.C. 8606(b)) is amended by adding at the end the fol-
23 lowing new paragraph:

24 “(5) USE OF CERTAIN AMOUNT FOR RDT&E IN
25 US.—Of the amount provided by the United States

1 in support under paragraph (1), not less than 50
2 percent of such amount shall be used for research,
3 development, test, and evaluation activities in the
4 United States in connection with such support.”.

5 (b) REPEAL OF SUPERSEDED LIMITATION.—Section
6 1295 of the National Defense Authorization Act for Fiscal
7 Year 2017 (Public Law 114–328; 130 Stat. 2562) is
8 amended by striking subsection (c).

9 **SEC. 1283. FOREIGN MILITARY SALES LETTERS OF RE-**
10 **QUEST FOR PRICING AND AVAILABILITY.**

11 Before delivering a formal pricing and availability re-
12 sponse to a foreign customer with respect to a foreign mili-
13 tary sale, the Department of Defense implementing agen-
14 cy shall consult with relevant United States commercial
15 entities that would be involved in the foreign military sale
16 case. If as a result of such consultation a commercial enti-
17 ty determines that the pricing and availability factors
18 being developed by the implementing agency are not accu-
19 rate, the implementing agency and the commercial entity
20 shall each provide a justification with respect to the dif-
21 ferences to the Defense Security Cooperation Agency with-
22 in 30 days of the implementing agency being notified of
23 such discrepancy.

1 **SEC. 1284. SENSE OF CONGRESS ON REAFFIRMING STRA-**
2 **TEGIC PARTNERSHIPS AND ALLIES.**

3 (a) FINDINGS.—Congress makes the following find-
4 ings:

5 (1) Since World War II, the United States has
6 sought partnership and cooperation in establishing a
7 rules-based international order which has resulted in
8 one of the most prosperous periods of human his-
9 tory.

10 (2) The United States is signatory to seven mu-
11 tual defense treaties with 56 different countries.

12 (3) One of the United States defense alliances
13 is the 29-nation-strong North Atlantic Treaty Orga-
14 nization (NATO) which is celebrating its 68th anni-
15 versary.

16 (4) The United States has not faced a more di-
17 verse and complex array of crises and threats, in-
18 cluding the emergence of competitors like Russia
19 and China, increasingly unstable threats from North
20 Korea and Iran, and the continued threat from
21 transnational violent extremist groups like the Is-
22 lamic State and al-Qaeda.

23 (5) The strain of a decreased military budget
24 has decreased capability at precisely the time when
25 demand for United States military strength has in-
26 creased.

1 (6) Fifteen years of continuous war has stymied
2 military modernization, focused training on asym-
3 metrical warfare over large-scale conflicts.

4 (7) Secretary of Defense James Mattis stated
5 that “alliances provide avenues for peace, fostering
6 the conditions for economic growth with countries
7 that share the same vision, while tempering the
8 plans of those who would attack other nations or try
9 to impose their will over the less powerful”.

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

12 (1) the United States is an ally rich nation and
13 our potential competitors—such as Russia, China,
14 and North Korea—are ally poor;

15 (2) United States allies and partners are crit-
16 ical to defending peace and prosperity throughout
17 the world;

18 (3) the rules-based international order sup-
19 ported by the United States and its allies has en-
20 sured—and will continue to promote—an inter-
21 national system that benefits all nations;

22 (4) throughout the world, the United States will
23 continue to foster relationships with nations of like
24 minds and beliefs;

1 (5) as the United States manages multiple stra-
2 tegic challenges, our enduring strength remains in
3 alliances such as the North Atlantic Treaty Organi-
4 zation; and

5 (6) the United States will continue to deepen
6 alliances and expand them, and will take no ally for
7 granted.

8 **TITLE XIII—COOPERATIVE**
9 **THREAT REDUCTION**

10 **SEC. 1301. SPECIFICATION OF COOPERATIVE THREAT RE-**
11 **DUCTION FUNDS.**

12 (a) FISCAL YEAR 2018 COOPERATIVE THREAT RE-
13 DUCTION FUNDS DEFINED.—In this title, the term “fiscal
14 year 2018 Cooperative Threat Reduction funds” means
15 the funds appropriated pursuant to the authorization of
16 appropriations in section 301 and made available by the
17 funding table in section 4301 for the Department of De-
18 fense Cooperative Threat Reduction Program established
19 under section 1321 of the Department of Defense Cooper-
20 ative Threat Reduction Act (50 U.S.C. 3711).

21 (b) AVAILABILITY OF FUNDS.—Funds appropriated
22 pursuant to the authorization of appropriations in section
23 301 and made available by the funding table in section
24 4301 for the Department of Defense Cooperative Threat

1 Reduction Program shall be available for obligation for fis-
2 cal years 2018, 2019, and 2020.

3 **SEC. 1302. FUNDING ALLOCATIONS.**

4 Of the \$324,600,000 authorized to be appropriated
5 to the Department of Defense for fiscal year 2018 in sec-
6 tion 301 and made available by the funding table in sec-
7 tion 4301 for the Department of Defense Cooperative
8 Threat Reduction Program established under section 1321
9 of the Department of Defense Cooperative Threat Reduc-
10 tion Act (50 U.S.C. 3711), the following amounts may be
11 obligated for the purposes specified:

12 (1) For strategic offensive arms elimination,
13 \$12,100,000.

14 (2) For chemical weapons destruction,
15 \$5,000,000.

16 (3) For global nuclear security, \$17,900,000.

17 (4) For cooperative biological engagement,
18 \$172,800,000.

19 (5) For proliferation prevention, \$89,800,000.

20 (6) For activities designated as Other Assess-
21 ments/Administrative Costs, \$27,000,000.

1 **TITLE XIV—OTHER**
2 **AUTHORIZATIONS**
3 **Subtitle A—Military Programs**

4 **SEC. 1401. WORKING CAPITAL FUNDS.**

5 Funds are hereby authorized to be appropriated for
6 fiscal year 2018 for the use of the Armed Forces and other
7 activities and agencies of the Department of Defense for
8 providing capital for working capital and revolving funds,
9 as specified in the funding table in section 4501.

10 **SEC. 1402. CHEMICAL AGENTS AND MUNITIONS DESTRUC-**
11 **TION, DEFENSE.**

12 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds
13 are hereby authorized to be appropriated for the Depart-
14 ment of Defense for fiscal year 2018 for expenses, not oth-
15 erwise provided for, for Chemical Agents and Munitions
16 Destruction, Defense, as specified in the funding table in
17 section 4501.

18 (b) **USE.**—Amounts authorized to be appropriated
19 under subsection (a) are authorized for—

20 (1) the destruction of lethal chemical agents
21 and munitions in accordance with section 1412 of
22 the Department of Defense Authorization Act, 1986
23 (50 U.S.C. 1521); and

1 (2) the destruction of chemical warfare materiel
2 of the United States that is not covered by section
3 1412 of such Act.

4 **SEC. 1403. DRUG INTERDICTION AND COUNTER-DRUG AC-**
5 **TIVITIES, DEFENSE-WIDE.**

6 Funds are hereby authorized to be appropriated for
7 the Department of Defense for fiscal year 2018 for ex-
8 penses, not otherwise provided for, for Drug Interdiction
9 and Counter-Drug Activities, Defense-wide, as specified in
10 the funding table in section 4501.

11 **SEC. 1404. DEFENSE INSPECTOR GENERAL.**

12 Funds are hereby authorized to be appropriated for
13 the Department of Defense for fiscal year 2018 for ex-
14 penses, not otherwise provided for, for the Office of the
15 Inspector General of the Department of Defense, as speci-
16 fied in the funding table in section 4501.

17 **SEC. 1405. DEFENSE HEALTH PROGRAM.**

18 Funds are hereby authorized to be appropriated for
19 fiscal year 2018 for the Defense Health Program, as spec-
20 ified in the funding table in section 4501, for use of the
21 Armed Forces and other activities and agencies of the De-
22 partment of Defense in providing for the health of eligible
23 beneficiaries.

1 **Subtitle B—National Defense**
2 **Stockpile**

3 **SEC. 1411. AUTHORITY TO DISPOSE OF CERTAIN MATE-**
4 **RIALS FROM AND TO ACQUIRE ADDITIONAL**
5 **MATERIALS FOR THE NATIONAL DEFENSE**
6 **STOCKPILE.**

7 (a) **DISPOSAL AUTHORITY.**—Pursuant to section 5(b)
8 of the Strategic and Critical Materials Stock Piling Act
9 (50 U.S.C. 98d(b)), the National Defense Stockpile Man-
10 ager may dispose of not more than 25 short tons of mate-
11 rials transferred from another department or agency of
12 the United States to the National Defense Stockpile under
13 section 4(b) of such Act (50 U.S.C. 98c(b)) that the Na-
14 tional Defense Stockpile Manager determines is no longer
15 required from the stockpile.

16 (b) **ACQUISITION AUTHORITY.**—

17 (1) **AUTHORITY.**—Using funds available in the
18 National Defense Stockpile Transaction Fund, the
19 National Defense Stockpile Manager may acquire
20 the following materials determined to be strategic
21 and critical materials required to meet the defense,
22 industrial, and essential civilian needs of the United
23 States:

24 (A) Electrolytic manganese metal.

25 (B) Antimony.

1 (2) AMOUNT OF AUTHORITY.—The National
2 Defense Stockpile Manager may use up to
3 \$9,000,000 in the National Defense Stockpile
4 Transaction Fund for acquisition of the materials
5 specified in paragraph (1).

6 (3) FISCAL YEAR LIMITATION.—The authority
7 under paragraph (1) is available for purchases dur-
8 ing fiscal year 2018 through fiscal year 2027.

9 **Subtitle C—Chemical** 10 **Demilitarization Matters**

11 **SEC. 1421. ACQUISITION REPORTING ON MAJOR CHEMICAL** 12 **DEMILITARIZATION PROGRAMS OF THE DE-** 13 **PARTMENT OF DEFENSE.**

14 (a) REPORTING ON MAJOR PROGRAMS.—Acquisition
15 reporting on each major program within the chemical de-
16 militarization programs of the Department of Defense, in-
17 cluding construction in connection with such program,
18 shall—

19 (1) comply with reporting guidelines for an Ac-
20 quisition Category 1 (ACAT 1) system; and

21 (2) be reported separately from acquisition re-
22 porting on the other major program within the
23 chemical demilitarization programs of the Depart-
24 ment of Defense.

1 (b) MAJOR PROGRAM WITHIN THE CHEMICAL DE-
2 MILITARIZATION PROGRAMS OF THE DEPARTMENT OF
3 DEFENSE DEFINED.—In this section, the term “major
4 program within the chemical demilitarization programs of
5 the Department of Defense” means each program as fol-
6 lows:

7 (1) Pueblo Chemical Agent Destruction Pilot
8 Plant program, Colorado.

9 (2) Blue Grass Chemical Agent Destruction
10 Pilot Plant program, Kentucky.

11 **Subtitle D—Armed Forces**
12 **Retirement Home**

13 **SEC. 1431. AUTHORIZATION OF APPROPRIATIONS FOR**
14 **ARMED FORCES RETIREMENT HOME.**

15 There is hereby authorized to be appropriated for fis-
16 cal year 2018 from the Armed Forces Retirement Home
17 Trust Fund the sum of \$64,300,000 for the operation of
18 the Armed Forces Retirement Home.

19 **SEC. 1432. ARMED FORCES RETIREMENT HOME MATTERS.**

20 (a) TERMINATION OF OVERSIGHT RESPONSIBILITIES
21 OF UNDER SECRETARY OF DEFENSE FOR PERSONNEL
22 AND READINESS.—

23 (1) SENIOR MEDICAL ADVISOR.—Section 1513A
24 of the Armed Forces Retirement Home Act of 1991
25 (24 U.S.C. 413a) is amended—

1 (A) in subsection (b), by striking “the
2 Under Secretary of Defense for Personnel and
3 Readiness,” in the matter preceding paragraph
4 (1); and

5 (B) in subsection (c)(4), by striking “the
6 Under Secretary of Defense for Personnel and
7 Readiness” and inserting “the Secretary of De-
8 fense”.

9 (2) OMBUDSMEN.—Section 1517(e)(2) of such
10 Act (24 U.S.C. 417(e)(2)) is amended by striking
11 “the Under Secretary of Defense for Personnel and
12 Readiness” and inserting “the Secretary of De-
13 fense”.

14 (3) INSPECTIONS.—Section 1518 of such Act
15 (24 U.S.C. 418) is amended—

16 (A) in subsection (c)(1), by striking “the
17 Under Secretary of Defense for Personnel and
18 Readiness,”; and

19 (B) in subsection (e)(1), by striking “the
20 Under Secretary of Defense for Personnel and
21 Readiness” and inserting “the Secretary of De-
22 fense”.

23 (b) ADVISORY COUNCIL.—Section 1516 of such Act
24 (24 U.S.C. 416) is amended—

1 (1) in subsection (c)(1), by striking “15 mem-
 2 bers,” and all that follows and inserting “15 mem-
 3 bers.”; and

4 (2) in subsection (f)(1), by striking “shall” and
 5 inserting “may”.

6 (c) ADMINISTRATORS.—Section 1517(b) of such Act
 7 (24 U.S.C. 417(b)) is amended—

8 (1) in paragraph (2), by striking “and” at the
 9 end;

10 (2) in paragraph (3), by striking the period at
 11 the end and inserting “; and”; and

12 (3) by adding at the end the following new
 13 paragraph:

14 “(4) serve at the pleasure of the Secretary of
 15 Defense.”.

16 **Subtitle E—Other Matters**

17 **SEC. 1441. AUTHORITY FOR TRANSFER OF FUNDS TO JOINT**

18 **DEPARTMENT OF DEFENSE-DEPARTMENT OF**

19 **VETERANS AFFAIRS MEDICAL FACILITY DEM-**

20 **ONSTRATION FUND FOR CAPTAIN JAMES A.**

21 **LOVELL HEALTH CARE CENTER, ILLINOIS.**

22 (a) AUTHORITY FOR TRANSFER OF FUNDS.—Of the
 23 funds authorized to be appropriated by section 1405 and
 24 available for the Defense Health Program for operation
 25 and maintenance, \$115,500,000 may be transferred by the

1 Secretary of Defense to the Joint Department of Defense—
2 Department of Veterans Affairs Medical Facility Dem-
3 onstration Fund established by subsection (a)(1) of sec-
4 tion 1704 of the National Defense Authorization Act for
5 Fiscal Year 2010 (Public Law 111–84; 123 Stat. 2571).
6 For purposes of subsection (a)(2) of such section 1704,
7 any funds so transferred shall be treated as amounts au-
8 thorized and appropriated specifically for the purpose of
9 such a transfer.

10 (b) USE OF TRANSFERRED FUNDS.—For the pur-
11 poses of subsection (b) of such section 1704, facility oper-
12 ations for which funds transferred under subsection (a)
13 may be used are operations of the Captain James A.
14 Lovell Federal Health Care Center, consisting of the
15 North Chicago Veterans Affairs Medical Center, the Navy
16 Ambulatory Care Center, and supporting facilities des-
17 igned as a combined Federal medical facility under an
18 operational agreement covered by section 706 of the Dun-
19 can Hunter National Defense Authorization Act for Fiscal
20 Year 2009 (Public Law 110–417; 122 Stat. 4500).

21 **SEC. 1442. ENHANCEMENT OF DATABASE OF EMERGENCY**
22 **RESPONSE CAPABILITIES OF THE DEPART-**
23 **MENT OF DEFENSE.**

24 (a) IN GENERAL.—Section 1406 of the John Warner
25 National Defense Authorization Act for Fiscal Year 2007

1 (Public Law 109–364; 120 Stat. 2436; 10 U.S.C. 113
2 note) is amended—

3 (1) by striking “The Secretary of Defense shall
4 maintain” and inserting the following:

5 “(a) IN GENERAL.—The Secretary of Defense shall
6 establish and maintain”; and

7 (2) in paragraph (2)—

8 (A) by inserting “(including cyber capabili-
9 ties)” after “emergency response capabilities”;
10 and

11 (B) by inserting “(including units of the
12 National Guard and Reserves)” after “identi-
13 fication of the units”.

14 (b) INFORMATION REQUIRED TO KEEP DATABASE
15 CURRENT.—Such section is further amended by adding
16 at the end the following new subsection:

17 “(b) INFORMATION REQUIRED TO KEEP DATABASE
18 CURRENT.—In implementing and maintaining the data-
19 base required by subsection (a), the Secretary shall iden-
20 tify and revise the information required to be included in
21 the database at least once every two years for purposes
22 of keeping the database current.”.

1 **TITLE XV—AUTHORIZATION OF**
2 **ADDITIONAL APPROPRIA-**
3 **TIONS FOR OVERSEAS CON-**
4 **TINGENCY OPERATIONS**
5 **Subtitle A—Authorization of**
6 **Appropriations**

7 **SEC. 1501. PURPOSE.**

8 The purpose of this subtitle is to authorize appropria-
9 tions for the Department of Defense for fiscal year 2018
10 to provide additional funds for overseas contingency oper-
11 ations being carried out by the Armed Forces.

12 **SEC. 1502. OVERSEAS CONTINGENCY OPERATIONS.**

13 Funds are hereby authorized to be appropriated for
14 fiscal year 2018 for the Department of Defense for over-
15 seas contingency operations in such amounts as may be
16 designated as provided in section 251(b)(2)(A)(ii) of the
17 Balanced Budget and Emergency Deficit Control Act of
18 1985.

19 **SEC. 1503. PROCUREMENT.**

20 Funds are hereby authorized to be appropriated for
21 fiscal year 2018 for procurement accounts for the Army,
22 the Navy and the Marine Corps, the Air Force, and De-
23 fense-wide activities, as specified in the funding table in
24 section 4102.

1 **SEC. 1504. 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 the funding table in section 4202.

7 **SEC. 1505. OPERATION AND MAINTENANCE.**

8 Funds are hereby authorized to be appropriated for
9 fiscal year 2018 for the use of the Armed Forces and other
10 activities and agencies of the Department of Defense for
11 expenses, not otherwise provided for, for operation and
12 maintenance, as specified in the funding table in section
13 4302.

14 **SEC. 1506. MILITARY PERSONNEL.**

15 Funds are hereby authorized to be appropriated for
16 fiscal year 2018 for the use of the Armed Forces and other
17 activities and agencies of the Department of Defense for
18 expenses, not otherwise provided for, for military per-
19 sonnel, as specified in the funding table in section 4402.

20 **SEC. 1507. WORKING CAPITAL FUNDS.**

21 Funds are hereby authorized to be appropriated for
22 fiscal year 2018 for the use of the Armed Forces and other
23 activities and agencies of the Department of Defense for
24 providing capital for working capital and revolving funds,
25 as specified in the funding table in section 4502.

1 **SEC. 1508. DRUG INTERDICTION AND COUNTER-DRUG AC-**
2 **TIVITIES, DEFENSE-WIDE.**

3 Funds are hereby authorized to be appropriated for
4 the Department of Defense for fiscal year 2018 for ex-
5 penses, not otherwise provided for, for Drug Interdiction
6 and Counter-Drug Activities, Defense-wide, as specified in
7 the funding table in section 4502.

8 **SEC. 1509. DEFENSE INSPECTOR GENERAL.**

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 the Office of the
12 Inspector General of the Department of Defense, as speci-
13 fied in the funding table in section 4502.

14 **SEC. 1510. DEFENSE HEALTH PROGRAM.**

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 Defense Health
18 Program, as specified in the funding table in section 4502.

19 **Subtitle B—Financial Matters**

20 **SEC. 1521. TREATMENT AS ADDITIONAL AUTHORIZATIONS.**

21 The amounts authorized to be appropriated by this
22 title are in addition to amounts otherwise authorized to
23 be appropriated by this Act.

24 **SEC. 1522. SPECIAL TRANSFER AUTHORITY.**

25 (a) **AUTHORITY TO TRANSFER AUTHORIZATIONS.—**

1 (1) **AUTHORITY.**—Upon determination by the
2 Secretary of Defense that such action is necessary in
3 the national interest, the Secretary may transfer
4 amounts of authorizations made available to the De-
5 partment of Defense in this title for fiscal year 2018
6 between any such authorizations for that fiscal year
7 (or any subdivisions thereof). Amounts of authoriza-
8 tions so transferred shall be merged with and be
9 available for the same purposes as the authorization
10 to which transferred.

11 (2) **LIMITATION.**—The total amount of author-
12 izations that the Secretary may transfer under the
13 authority of this subsection may not exceed
14 \$3,500,000,000.

15 (b) **TERMS AND CONDITIONS.**—Transfers under this
16 section shall be subject to the same terms and conditions
17 as transfers under section 1001.

18 (c) **ADDITIONAL AUTHORITY.**—The transfer author-
19 ity provided by this section is in addition to the transfer
20 authority provided under section 1001.

21 **Subtitle C—Other Matters**

22 **SEC. 1531. AFGHANISTAN SECURITY FORCES FUND.**

23 (a) **CONTINUATION OF PRIOR AUTHORITIES AND NO-**
24 **TICE AND REPORTING REQUIREMENTS.**—Funds available
25 to the Department of Defense for the Afghanistan Secu-

1 rity Forces Fund for fiscal year 2018 shall be subject to
2 the conditions contained in subsections (b) through (g) of
3 section 1513 of the National Defense Authorization Act
4 for Fiscal Year 2008 (Public Law 110–181; 122 Stat.
5 428), as amended by section 1531(b) of the Ike Skelton
6 National Defense Authorization Act for Fiscal Year 2011
7 (Public Law 111–383; 124 Stat. 4424).

8 (b) EQUIPMENT DISPOSITION.—

9 (1) ACCEPTANCE OF CERTAIN EQUIPMENT.—

10 Subject to paragraph (2), the Secretary of Defense
11 may accept equipment that is procured using
12 amounts in the Afghanistan Security Forces Fund
13 authorized under this Act and is intended for trans-
14 fer to the security forces of Afghanistan, but is not
15 accepted by such security forces.

16 (2) CONDITIONS ON ACCEPTANCE OF EQUIP-
17 MENT.—Before accepting any equipment under the
18 authority provided by paragraph (1), the Com-
19 mander of United States forces in Afghanistan shall
20 make a determination that the equipment was pro-
21 cured for the purpose of meeting requirements of the
22 security forces of Afghanistan, as agreed to by both
23 the Government of Afghanistan and the United
24 States, but is no longer required by such security

1 forces or was damaged before transfer to such secu-
2 rity forces.

3 (3) ELEMENTS OF DETERMINATION.—In mak-
4 ing a determination under paragraph (2) regarding
5 equipment, the Commander of United States forces
6 in Afghanistan shall consider alternatives to Sec-
7 retary of Defense acceptance of the equipment. An
8 explanation of each determination, including the
9 basis for the determination and the alternatives con-
10 sidered, shall be included in the relevant quarterly
11 report required under paragraph (5).

12 (4) TREATMENT AS DEPARTMENT OF DEFENSE
13 STOCKS.—Equipment accepted under the authority
14 provided by paragraph (1) may be treated as stocks
15 of the Department of Defense upon notification to
16 the congressional defense committees of such treat-
17 ment.

18 (5) QUARTERLY REPORTS ON EQUIPMENT DIS-
19 POSITION.—

20 (A) IN GENERAL.—Not later than 90 days
21 after the date of the enactment of this Act and
22 every 90-day period thereafter during which the
23 authority provided by paragraph (1) is exer-
24 cised, the Secretary of Defense shall submit to
25 the congressional defense committees a report

1 describing the equipment accepted during the
2 period covered by such report under the fol-
3 lowing:

4 (i) This subsection.

5 (ii) Section 1521(b) of the National
6 Defense Authorization Act for Fiscal Year
7 2017 (Public Law 114–328; 130 Stat.
8 2575).

9 (iii) Section 1531(b) of the National
10 Defense Authorization Act for Fiscal Year
11 2016 (Public Law 114–92; 129 Stat.
12 1088).

13 (iv) Section 1532(b) of the Carl Levin
14 and Howard P. “Buck” McKeon National
15 Defense Authorization Act for Fiscal Year
16 2015 (Public Law 113–291; 128 Stat.
17 3613).

18 (v) Section 1531(d) of the National
19 Defense Authorization Act for Fiscal Year
20 2014 (Public Law 113–66; 127 Stat. 938;
21 10 U.S.C. 2302 note).

22 (B) ELEMENTS.—Each report under sub-
23 paragraph (A) shall include a list of all equip-
24 ment that was accepted during the period cov-
25 ered by the report and treated as stocks of the

1 Department of Defense and copies of the deter-
2 minations made under paragraph (2), as re-
3 quired by paragraph (3).

4 (c) SECURITY OF AFGHAN WOMEN.—

5 (1) IN GENERAL.—Of the funds available to the
6 Department of Defense for the Afghan Security
7 Forces Fund for fiscal year 2018, it is the goal that
8 \$25,000,000, but in no event less than \$10,000,000,
9 shall be used for—

10 (A) the recruitment, integration, retention,
11 training, and treatment of women in the Af-
12 ghan National Defense and Security Forces;
13 and

14 (B) the recruitment, training, and con-
15 tracting of female security personnel for future
16 elections.

17 (2) TYPES OF PROGRAMS AND ACTIVITIES.—

18 Such programs and activities may include—

19 (A) efforts to recruit women into the Af-
20 ghan National Defense and Security Forces, in-
21 cluding the special operations forces;

22 (B) programs and activities of the Afghan
23 Ministry of Defense Directorate of Human
24 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 Defense and Security Forces;

11 (E) improvements to infrastructure that
12 address the requirements of women serving in
13 the Afghan National Defense and Security
14 Forces, including appropriate equipment for fe-
15 male security and police forces, and transpor-
16 tation for policewomen 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) INSPECTOR GENERAL OVERSIGHT OF FUND.—

22 (1) QUALITY STANDARDS FOR IG PRODUCTS.—

23 Except as provided in paragraph (3), each product
24 published or issued by an Inspector General relating
25 to the oversight of programs and activities funded

1 under the Afghanistan Security Forces Fund shall
2 be prepared—

3 (A) in accordance with the Generally Ac-
4 cepted Government Auditing Standards/Govern-
5 ment Auditing Standards (GAGAS/GAS), as
6 issued and updated by the Government Ac-
7 countability Office; or

8 (B) if not prepared in accordance with the
9 standards referred to in subparagraph (A), in
10 accordance with the Quality Standards for In-
11 spection and Evaluation issued by the Council
12 of the Inspectors General on Integrity and Effi-
13 ciency (commonly referred to as the “CIGIE
14 Blue Book”).

15 (2) SPECIFICATION OF QUALITY STANDARDS
16 FOLLOWED.—Each product published or issued by
17 an Inspector General relating to the oversight of
18 programs and activities funded under the Afghani-
19 stan Security Forces Fund shall cite within such
20 product the quality standards followed in conducting
21 and reporting the work concerned.

22 (3) WAIVER.—The Lead Inspector General for
23 Operation Freedom’s Sentinel may waive the appli-
24 cability of paragraph (1) to a specific product relat-
25 ing to the oversight by an Inspector General of ac-

1 activities and programs funded under the Afghanistan
2 Security Forces Fund if the Lead Inspector General
3 determines that the waiver would facilitate timely ef-
4 forts to promote efficiency and effectiveness and pre-
5 vent, detect, and deter fraud, waste, and abuse. Any
6 product published or issued pursuant to a waiver
7 under this paragraph shall include a statement that
8 work for such product was not conducted in accord-
9 ance with the standards referred to in paragraph (1)
10 and an explanation why such standards were not
11 employed.

12 **TITLE XVI—STRATEGIC PRO-**
13 **GRAMS, CYBER, AND INTEL-**
14 **LIGENCE MATTERS**

15 **Subtitle A—Space Activities**

16 **SEC. 1601. AIR FORCE SPACE COMMAND.**

17 (a) IN GENERAL.—Chapter 135 of title 10, United
18 States Code, is amended by adding at the end the fol-
19 lowing new section:

20 **“§ 2279c. Air Force Space Command**

21 “(a) IN GENERAL.—The head of the Air Force Space
22 Command shall be the Commander of the Air Force Space
23 Command, who shall be appointed in accordance with sec-
24 tion 601 of this title.

1 “(b) **TERM.**—The Commander shall be appointed to
2 serve a term of six years, and the Secretary of Defense
3 may—

4 “(1) terminate, or propose to extend for a pe-
5 riod of four years, the term of the appointment of
6 the Commander; or

7 “(2) propose to promote the individual serving
8 as the Commander during that term of appoint-
9 ment.”.

10 (b) **CLERICAL AMENDMENT.**—The table of sections
11 for such chapter is amended by inserting after the item
12 relating to section 2279b the following new item:

“2279c. Air Force Space Command.”.

13 **SEC. 1602. AIR FORCE SPACE CONTRACTOR RESPONSIBI-**
14 **BILITY WATCH LIST.**

15 (a) **IN GENERAL.**—The Commander of the Air Force
16 Space and Missile Systems Center shall establish and
17 maintain a watch list of contractors with a history of poor
18 performance on space procurement or research, develop-
19 ment, test, and evaluation program contracts.

20 (b) **BASIS FOR INCLUSION ON LIST.**—

21 (1) **IN GENERAL.**—The Commander of the Air
22 Force Space and Missile Systems Center may place
23 a contractor on the watch list established under sub-
24 section (a) upon determining that the ability of the
25 contractor to perform Air Force space contracts has

1 been called into question by any of the following
2 issues:

3 (A) Poor performance or award fee scores
4 below 50 percent.

5 (B) Financial concerns.

6 (C) Felony convictions or civil judgements.

7 (D) Security or foreign ownership and con-
8 trol issues.

9 (2) DISCRETION OF THE COMMANDER.—The
10 Commander of the Air Force Space and Missile Sys-
11 tems Center shall be responsible for determining
12 which contractors to place on the watch list, whether
13 an entire company or a specific division should be
14 included, and when to remove a contractor from the
15 list.

16 (c) EFFECT OF LISTING.—

17 (1) PRIME CONTRACTS.—The Air Force Space
18 and Missile Systems Center may not solicit an offer
19 from, award a contract to, execute an engineering
20 change proposal with, or exercise an option on any
21 Air Force space program with a contractor included
22 on the list established under subsection (a) without
23 the prior approval of the Commander of the Air
24 Force Space and Missile Systems Center.

1 (2) SUBCONTRACTS.—A prime contractor on a
2 Air Force Space and Missile Systems Center con-
3 tract may not enter into a subcontract valued in ex-
4 cess of \$3,000,000 or 5 percent of the prime con-
5 tract value with a contractor included on the watch
6 list established under subsection (a) without the
7 prior approval of the Commander of the Air Force
8 Space and Missile Systems Center.

9 (d) REQUEST FOR REMOVAL FROM LIST.—A con-
10 tractor may submit to the Commander a written request
11 for removal from the watch list, including evidence that
12 the contractor has resolved the issue that was the basis
13 for inclusion on the list.

14 (e) RULE OF CONSTRUCTION.—Nothing in this sec-
15 tion shall be construed as preventing the suspension or
16 debarment of a contractor, but inclusion on the watch list
17 shall not be construed as a punitive measure or de facto
18 suspension or debarment of a contractor.

19 **SEC. 1603. PRESIDENTIAL NATIONAL VOICE CONFER-**
20 **ENCING SYSTEM.**

21 (a) CONSOLIDATION OF ELEMENTS.—Not later than
22 one year after the date of the enactment of this Act, all
23 program elements and funding for the Presidential Na-
24 tional Voice Conferencing System (PNVC) shall be trans-

1 ferred to the Program Executive Office with responsibility
2 for the Presidential National Voice Conferencing System.

3 (b) ACQUISITION REPORTING.—Commencing not
4 later than one year after the date of the enactment of this
5 Act, any reporting on the acquisition of the Presidential
6 National Voice Conferencing System shall comply with re-
7 porting guidelines for an Acquisition Category 1 (ACAT
8 1) system.

9 **SEC. 1604. LIMITATION ON USE OF FUNDS FOR DELTA IV**
10 **LAUNCH VEHICLE.**

11 None of the funds authorized to be appropriated by
12 this Act or otherwise made available for fiscal year 2018
13 or any fiscal year thereafter for the Air Force may be obli-
14 gated to maintain infrastructure, system engineering, crit-
15 ical skills, base and range support, depreciation, or
16 sustainment commodities for the Delta IV launch vehicle
17 until the date on which the Secretary of the Air Force
18 submits to the congressional defense committees a certifi-
19 cation that the Air Force plans to launch a satellite pro-
20 cured by the Air Force on a Delta IV launch vehicle dur-
21 ing the 3-year period beginning on the date of the certifi-
22 cation.

1 **SEC. 1605. POLICY OF THE UNITED STATES WITH RESPECT**
2 **TO CLASSIFICATION OF SPACE AS A COMBAT**
3 **DOMAIN.**

4 (a) IN GENERAL.—It is the policy of the United
5 States to develop, produce, field, and maintain an inte-
6 grated system of assets in response to the increasingly
7 contested nature of the space operating domain to—

8 (1) ensure the resiliency of capabilities at every
9 level of orbit in space;

10 (2) deter or deny an attack on capabilities at
11 every level of orbit in space; and

12 (3) defend the territory of the United States,
13 its allies, and its deployed forces across all operating
14 domains.

15 (b) IMPLEMENTATION.—The United States shall im-
16 plement the policy set forth in subsection (a)—

17 (1) in accordance with the laws of the United
18 States and the obligations of the United States
19 under international agreements; and

20 (2) with appropriate consultation, cooperation,
21 and coproduction of assets with allies and partners
22 of the United States.

23 **SEC. 1606. LAUNCH SUPPORT AND INFRASTRUCTURE MOD-**
24 **ERNIZATION.**

25 (a) IN GENERAL.—In support of the policy outlined
26 in section 2273 of title 10, United States Code, the Sec-

1 retary of Defense shall carry out a program to modernize
2 infrastructure and improve support activities for proc-
3 essing and launch of United States national security space
4 vehicles launching from Federal ranges.

5 (b) ELEMENTS.—The program required by this sec-
6 tion shall include—

7 (1) investments in infrastructure to improve op-
8 erations at the Eastern and Western Ranges that
9 may benefit all users, to enhance the overall capa-
10 bilities of ranges, to improve safety, and to reduce
11 the long term cost of operations and maintenance;

12 (2) measures to normalize processes, systems,
13 and products across the Eastern and Western
14 ranges to minimize the burden on launch providers;
15 and

16 (3) improvements in transparency, flexibility,
17 and, responsiveness for launch scheduling.

18 (c) CONSULTATION.—In carrying out this program,
19 the Secretary should consult with current and anticipated
20 users of the Eastern and Western ranges.

21 (d) COOPERATION.—In carrying out this section, the
22 Secretary should consider partnerships authorized under
23 section 2276 of title 10, United States Code.

24 (e) REPORT.—

1 (1) REPORT REQUIRED.—Not later than 120
2 days after the date of the enactment of this Act, the
3 Secretary shall submit to the congressional defense
4 committees a report on the plan for the implementa-
5 tion of the launch support and infrastructure mod-
6 ernization program.

7 (2) ELEMENTS.—The report required under
8 paragraph (1) shall include—

9 (A) a description of plans and the re-
10 sources needed to improve launch support infra-
11 structure, utilities, support equipment, and
12 range operations;

13 (B) a description of plans to streamline
14 and normalize processes, systems, and products
15 at the Eastern and Western ranges, to ensure
16 consistency for range users; and

17 (C) recommendations for improving trans-
18 parency, flexibility, and responsiveness in
19 launch scheduling.

1 **Subtitle B—Defense Intelligence**
2 **and Intelligence-Related Activities**

3 **SEC. 1611. EXTENSION OF AUTHORITY TO ENGAGE IN COM-**
4 **MERCIAL ACTIVITIES AS SECURITY FOR IN-**
5 **TELLIGENCE COLLECTION ACTIVITIES.**

6 The second sentence of section 431(a) of title 10,
7 United States Code, is amended by striking “December
8 31, 2017” and inserting “December 31, 2020”.

9 **Subtitle C—Cyber Warfare,**
10 **Cybersecurity, and Related Matters**

11 **SEC. 1621. POLICY OF THE UNITED STATES ON CYBER-**
12 **SPACE, CYBERSECURITY, AND CYBER WAR-**
13 **FARE.**

14 (a) IN GENERAL.—It shall be the policy of the United
15 States, with respect to matters pertaining to cyberspace,
16 cybersecurity, and cyber warfare, that the United States
17 should employ all instruments of national power, including
18 the use of offensive cyber capabilities, to deter if possible,
19 and respond when necessary, to any and all cyber attacks
20 or other malicious cyber activities that target United
21 States interests with the intent to—

22 (1) cause casualties among United States per-
23 sons or persons of our allies;

24 (2) significantly disrupt the normal functioning
25 of United States democratic society or government

1 (including attacks against critical infrastructure that
2 could damage systems used to provide key services
3 to the public or government);

4 (3) threaten the command and control of the
5 United States Armed Forces, the freedom of maneu-
6 ver of the United States Armed Forces, or the in-
7 dustrial base or other infrastructure on which the
8 United States Armed Forces rely to defend United
9 States interests and commitments; or

10 (4) achieve an effect, whether individually or in
11 aggregate, comparable to an armed attack or imperil
12 a vital interest of the United States.

13 (b) RESPONSE OPTIONS.—In carrying out the policy
14 set forth in subsection (a), the United States shall plan,
15 develop, and demonstrate response options to address the
16 full range of potential cyber attacks on United States in-
17 terests that could be conducted by potential adversaries
18 of the United States.

19 (c) DENIAL OPTIONS.—In carrying out the policy set
20 forth in subsection (a) through response options developed
21 pursuant to subsection (b), the United States shall, to the
22 greatest extent practicable, prioritize the defensibility and
23 resiliency against cyber attacks and malicious cyber activi-
24 ties described in subsection (a) of infrastructure critical

1 to the political integrity, economic security, and national
2 security of the United States.

3 (d) COST-IMPOSITION OPTIONS.—In carrying out the
4 policy set forth in subsection (a) through response options
5 developed pursuant to subsection (b), the United States
6 shall develop and demonstrate, or otherwise make known
7 to adversaries of the existence of, cyber capabilities to im-
8 pose costs on any foreign power targeting the United
9 States or United States persons with a cyber attack or
10 malicious cyber activity described in subsection (a).

11 (e) MULTI-PRONG RESPONSE.—In carrying out the
12 policy set forth in subsection (a) through response options
13 developed pursuant to subsection (b), the United States
14 shall—

15 (1) devote immediate and sustained attention to
16 boosting the cyber resilience of critical United States
17 strike systems (including cyber, nuclear, and non-nu-
18 clear systems) in order to ensure the United States
19 can credibly threaten to impose unacceptable costs
20 in response to even the most sophisticated large-
21 scale cyber attack;

22 (2) develop offensive cyber capabilities and spe-
23 cific plans and strategies to put at risk targets most
24 valued by adversaries of the United States and their
25 key decision makers;

1 (3) enhance attribution capabilities to reduce
2 the time required to positively attribute an attack
3 with high confidence; and

4 (4) develop intelligence and offensive cyber ca-
5 pabilities to detect, disrupt, and potentially expose
6 malicious cyber activities.

7 (f) POLICIES RELATING TO OFFENSIVE CYBER CA-
8 PABILITIES AND SOVEREIGNTY.—It is the policy of the
9 United States that, when a cyber attack or malicious cyber
10 activity transits or otherwise relies upon the networks or
11 infrastructure of a third country—

12 (1) the United States shall, to the greatest ex-
13 tent practicable, notify and encourage the govern-
14 ment of that country to take action to eliminate the
15 threat; and

16 (2) if the government is unable or unwilling to
17 take action, the United States reserves the right to
18 act unilaterally (with the consent of that government
19 if possible, but without such consent if necessary).

20 (g) AUTHORITY OF SECRETARY OF DEFENSE.—

21 (1) IN GENERAL.—The Secretary of Defense
22 has the authority to develop, prepare, coordinate,
23 and, when appropriately authorized to do so, conduct
24 military cyber operations in response to cyber at-
25 tacks and malicious cyber activities described in sub-

1 section (a) that are carried out against the United
2 States or United States persons by a foreign power.

3 (2) DELEGATION OF ADDITIONAL AUTHORI-
4 TIES.—The Secretary may delegate to the Com-
5 mander of the United States Cyber Command such
6 authorities of the Secretaries of the military depart-
7 ments, including authorities relating to manning,
8 training, and equipping, that the Secretary considers
9 appropriate.

10 (3) USE OF DELEGATED AUTHORITIES.—The
11 use by the Commander of the United States Cyber
12 Command of any authority delegated to the Com-
13 mander pursuant to this subsection shall be subject
14 to the authority, direction, and control of the Sec-
15 retary.

16 (4) RULE OF CONSTRUCTION.—Nothing in this
17 subsection shall be construed to limit the authority
18 of the President or Congress to authorize the use of
19 military force.

20 (h) FOREIGN POWER DEFINED.—In this section, the
21 term “foreign power” has the meaning given that term
22 in section 101 of the Foreign Intelligence Surveillance Act
23 of 1978 (50 U.S.C. 1801).

1 **SEC. 1622. CYBER POSTURE REVIEW.**

2 (a) **REQUIREMENT FOR COMPREHENSIVE REVIEW.**—

3 In order to clarify United States cyber deterrence policy
4 and strategy for the near term, the Secretary of Defense
5 shall conduct a comprehensive review of the cyber posture
6 of the United States for the next 5 to 10 years. The Sec-
7 retary shall conduct the review in consultation with the
8 Director of National Intelligence, the Attorney General,
9 the Secretary of the Department of Homeland Security,
10 and the Secretary of State.

11 (b) **ELEMENTS OF REVIEW.**—The cyber posture re-
12 view shall include the following elements:

13 (1) The role of cyber forces in United States
14 military strategy, planning, and programming.

15 (2) A declaratory policy relating to United
16 States responses to cyber attack and use of offensive
17 cyber capabilities, guidance for the employment of
18 offensive cyber capabilities, a public affairs plan, and
19 an engagement plan for adversaries and allies.

20 (3) Proposed norms for the conduct of offensive
21 cyber operations in crisis and conflict.

22 (4) Guidance for the development of cyber de-
23 terrence campaign plans focused on key leadership
24 of Russia, China, Iran, North Korea, and any other
25 country the Secretary determines appropriate.

1 (5) Examination through analysis and gaming
2 of escalation dynamics in various scenarios, as well
3 as the spiral escalatory effects of countries devel-
4 oping increasingly potent offensive cyber capabilities,
5 and what steps should be undertaken to bolster sta-
6 bility in cyberspace and more broadly stability be-
7 tween major powers.

8 (6) A certification of whether sufficient per-
9 sonnel are trained and equipped to meet validated
10 cyber requirements.

11 (7) Such other matters as the Secretary con-
12 siders appropriate.

13 (c) REPORT TO CONGRESS.—Not later than March
14 1, 2018, the Secretary of Defense shall submit to Con-
15 gress, in unclassified and classified forms as necessary, a
16 report on the results of the cyber posture review conducted
17 under this section.

18 (d) SENSE OF CONGRESS.—It is the sense of Con-
19 gress that the United States should respond to all cyber
20 attacks and to all significant cyber intrusions by imposing
21 costs on those responsible that exceed any benefit that the
22 attacker or intruder may have hoped to gain.

1 **SEC. 1623. MODIFICATION AND CLARIFICATION OF RE-**
2 **QUIREMENTS AND AUTHORITIES RELATING**
3 **TO ESTABLISHMENT OF UNIFIED COMBAT-**
4 **ANT COMMAND FOR CYBER OPERATIONS.**

5 (a) **DEADLINE FOR ESTABLISHMENT.**—Before the
6 Cyber Mission Force reaches full operational capability,
7 the President shall establish the unified combatant com-
8 mand for cyber operations forces pursuant to section
9 167b(a) of title 10, United State Code.

10 (b) **CLARIFICATION OF FUNCTIONS.**—Subsection (a)
11 of section 167b of title 10, United States Code, is amend-
12 ed—

13 (1) by striking the second sentence;

14 (2) by inserting “(1)” before “With the”; and

15 (3) by adding at the end the following new
16 paragraph:

17 “(2) The principal functions of the cyber command
18 are as follows:

19 “(A) To execute cyber operations.

20 “(B) To prepare cyber operations forces to
21 carry out assigned missions.”.

22 (c) **MODIFICATION OF ASSIGNMENT OF FORCES.**—
23 Subsection (b) of such section is amended by striking “sta-
24 tioned in the United States”.

1 (d) MODIFICATION OF COMMAND OF ACTIVITY OR
2 MISSION.—Subsection (d) of such section is amended to
3 read as follows:

4 “(d) COMMAND OF ACTIVITY OR MISSION.—The
5 commander of the cyber command shall execute and exer-
6 cise command of cyberspace operations and coordinate
7 with the affected commanders of the unified combatant
8 commands, unless otherwise directed by the President or
9 the Secretary of Defense.”.

10 (e) MODIFICATION OF AUTHORITY OF COMBATANT
11 COMMANDER.—Subsection (e)(2)(A) of such section is
12 amended—

13 (1) in clause (iii)—

14 (A) in subclause (I), by striking “and” at
15 the end;

16 (B) in subclause (II), by striking “assigned
17 to unified combatant commands”;

18 (C) by redesignating subclause (II) as sub-
19 clause (III); and

20 (D) by inserting after subclause (I) the fol-
21 lowing new subclause (II):

22 “(II) for development and acquisition of
23 joint cyber capabilities; and”;

24 (2) in clause (iv), by striking “joint” and in-
25 serting “cyber operations”; and

1 (3) in clause (v), by striking “commissioned
2 and noncommissioned officers” and inserting “cyber
3 operations forces”.

4 **SEC. 1624. ANNUAL ASSESSMENT OF CYBER RESILIENCY OF**
5 **NUCLEAR COMMAND AND CONTROL SYSTEM.**

6 (a) IN GENERAL.—Chapter 24 of title 10, United
7 States Code, is amended by adding at the end the fol-
8 lowing new section:

9 **“§ 499. Annual assessment of cyber resiliency of nu-**
10 **clear command and control system**

11 “(a) IN GENERAL.—Not less frequently than annu-
12 ally, the Commander of the United States Strategic Com-
13 mand and the Commander of the United States Cyber
14 Command (in this section referred to collectively as the
15 ‘Commanders’) shall jointly conduct an assessment of the
16 cyber resiliency of the nuclear command and control sys-
17 tem.

18 “(b) ELEMENTS.—In conducting the assessment re-
19 quired by subsection (a), the Commanders shall—

20 “(1) conduct an assessment of the sufficiency
21 and resiliency of the nuclear command and control
22 system to operate through a cyber attack from the
23 Russian Federation, the People’s Republic of China,
24 or any other country or entity the Commanders
25 identify as a potential threat; and

1 “(2) develop recommendations for mitigating
2 any concerns of the Commanders resulting from the
3 assessment.

4 “(c) REPORT REQUIRED.—(1) The Commanders
5 shall jointly submit to the Chairman of the Joint Chiefs
6 of Staff, for submission to the Council on Oversight of
7 the National Leadership Command, Control, and Commu-
8 nications System established under section 171a of this
9 title (in this section referred to as the ‘Council’), a report
10 on the assessment required by subsection (a) that includes
11 the following:

12 “(A) The recommendations developed under
13 subsection (b)(2).

14 “(B) A statement of the degree of confidence of
15 each of the Commanders in the mission assurance of
16 the nuclear deterrent against a top tier cyber threat.

17 “(C) A detailed description of the approach
18 used to conduct the assessment required by sub-
19 section (a) and the technical basis of conclusions
20 reached in conducting that assessment.

21 “(D) Any other comments of the Commanders.

22 “(2) The Council shall submit to the Secretary of De-
23 fense the report required by paragraph (1) and any com-
24 ments of the Council on the report.

1 “(3) The Secretary of Defense shall submit to the
2 congressional defense committees the report required by
3 paragraph (1), any comments of the Council on the report
4 under paragraph (2), and any comments of the Secretary
5 on the report.

6 “(d) TERMINATION.—This section shall terminate on
7 the date that is 10 years after the date of the enactment
8 of the National Defense Authorization Act for Fiscal Year
9 2018.”.

10 (b) CLERICAL AMENDMENT.—The table of sections
11 for chapter 24 of such title is amended by inserting after
12 the item relating to section 498 the following new item:

“499. Annual assessment of cyber resiliency of nuclear command and control
system.”.

13 **SEC. 1625. STRATEGIC CYBERSECURITY PROGRAM.**

14 (a) IN GENERAL.—The Secretary of Defense shall es-
15 tablish a program to be known as the “Strategic Cyberse-
16 curity Program” or “SCP” (in this section referred to as
17 the “Program”).

18 (b) ELEMENTS.—The Program shall be comprised of
19 personnel assigned to the Program by the Secretary from
20 among personnel, including regular and reserve members
21 of the Armed Forces, civilian employees of the Depart-
22 ment, and personnel of the research laboratories of the
23 Department of Defense and the Department of Energy,
24 who have particular expertise in the responsibility to be

1 discharged by the Program. Any personnel assigned to the
2 Program from among personnel of the Department of En-
3 ergy shall be so assigned with the concurrence of the Sec-
4 retary of Energy.

5 (c) RESPONSIBILITY.—

6 (1) IN GENERAL.—The responsibility of the
7 Program shall be to carry out activities (commonly
8 referred to as “red-teaming”) to continuously assess
9 the information assurance and improve the overall
10 effectiveness of the following of the United States
11 Government:

12 (A) Offensive cyber systems.

13 (B) Long-range strike systems.

14 (C) Nuclear deterrent systems.

15 (D) National security systems.

16 (E) Critical infrastructure of the Depart-
17 ment of Defense (as that term is defined in sec-
18 tion 1650(f)(1) of the National Defense Author-
19 ization Act for Fiscal Year 2017 (Public Law
20 114–329)).

21 (2) SCOPE OF RESPONSIBILITY.—In carrying
22 out its activities, the Program shall carry out appro-
23 priate reviews of current systems and infrastructure
24 and acquisition plans for proposed systems and in-
25 frastructure. The review of an acquisition plan for

1 any proposed system or infrastructure shall be car-
2 ried out before Milestone B approval for such system
3 or infrastructure.

4 (3) RESULTS OF REVIEWS.—The results of each
5 review carried out by the Program pursuant to para-
6 graph (2), including any remedial action rec-
7 ommended by the Program pursuant to such review,
8 shall be made available to any agencies or organiza-
9 tions of the Department involved in the development,
10 procurement, operation, or maintenance of the sys-
11 tem or infrastructure concerned.

12 (d) REPORTS.—The Director of the National Secu-
13 rity Agency shall submit to the Secretary of Defense and
14 the congressional defense committees on a quarterly basis
15 a report on the activities of the Program during the pre-
16 ceding calendar quarter. Each report shall include the fol-
17 lowing:

18 (1) A description of the activities of the Pro-
19 gram during the calendar quarter covered by such
20 report.

21 (2) A description of particular challenges en-
22 countered in the course of the activities of the Pro-
23 gram during such calendar quarter, and of actions
24 taken to address such challenges.

1 (b) GOAL.—The goal of the evaluation required by
2 subsection (a) is to identify a set of practices that will—

3 (1) increase the speed of development of cyber
4 capabilities of the Armed Forces;

5 (2) provide more effective tools and capabilities
6 for developing, acquiring, and maintaining cyber
7 tools and applications; and

8 (3) create a repeatable, disciplined process for
9 developing, acquiring, and maintaining cyber tools
10 and applications whereby progress and success or
11 failure can be continuously measured.

12 (c) CONSIDERATION OF AGILE SOFTWARE DEVELOP-
13 MENT, AGILE ACQUISITION, AND OTHER BEST PRAC-
14 TICES.—

15 (1) IN GENERAL.—The evaluation required by
16 subsection (a) shall include consideration of agile
17 software development, agile acquisition, and such
18 other similar best practices of commercial industry.

19 (2) CONSIDERATIONS.—In carrying out the
20 evaluation required by subsection (a), the Com-
21 mander shall assess requirements for implementing
22 the practices described in paragraph (1), consider
23 changes that would be necessary to established ac-
24 quisition practices, including the following:

25 (A) The requirements process.

1 (B) Contracting.

2 (C) Testing.

3 (D) User involvement in the development
4 process.

5 (E) Program management.

6 (F) Milestone reviews and approvals.

7 (G) The definitions of “research and devel-
8 opment”, “procurement”, and “sustainment”.

9 (H) The constraints of current appropria-
10 tions account definitions.

11 (d) ASSESSMENT OF TRAINING AND EDUCATION RE-
12 QUIREMENTS.—In carrying out the evaluation required by
13 subsection (a), the Commander shall assess training and
14 education requirements for personnel in all areas and at
15 all levels of management relevant to the successful adop-
16 tion of new acquisition models and methods for developing,
17 acquiring, and maintaining cyber tools and applications as
18 described in such subsection.

19 (e) SERVICES AND EXPERTISE.—In conducting the
20 evaluation required by subsection (a), the Commander
21 shall—

22 (1) obtain services and expertise from—

23 (A) the Defense Digital Service; and

1 (B) federally funded research and develop-
2 ment centers, such as the Software Engineering
3 Institute and the MITRE Corporation; and

4 (2) consult with such commercial software com-
5 panies as the Commander considers appropriate to
6 learn about commercial best practices.

7 (f) RECOMMENDATIONS.—

8 (1) IN GENERAL.—Not later than 120 days
9 after the date of the enactment of this Act, the
10 Commander shall submit to the Secretary of Defense
11 recommendations for experimenting with or adopting
12 new acquisition methods, including all aspects of im-
13 plementation necessary for the success of the rec-
14 ommended methods.

15 (2) CONGRESSIONAL BRIEFING.—Not later than
16 14 days after submitting recommendations to the
17 Secretary under paragraph (1), the Commander
18 shall brief the congressional defense committees on
19 the recommendations the Commander submitted
20 under paragraph (1).

21 (g) PRESERVATION OF EXISTING AUTHORITY.—The
22 evaluation required under subsection (a) is intended to in-
23 form future acquisition approaches. Nothing in this sec-
24 tion shall be construed to limit or impede the exercising
25 of the acquisition authority of the Commander of United

1 States Cyber Command under section 807 of the National
2 Defense Authorization Act for Fiscal Year 2016 (Public
3 Law 114–92; 10 U.S.C. 2224 note).

4 (h) DEFINITIONS.—In this section:

5 (1) The term “agile acquisition” means acquisi-
6 tion pursuant to a methodology for delivering mul-
7 tiple, rapid, incremental capabilities to the user for
8 operational use, evaluation, and feedback. The incre-
9 mental development and fielding of capabilities, com-
10 monly called “spirals”, “spins”, or “sprints”, can be
11 measured in a few weeks or months, and involve
12 continuous participation and collaboration by users,
13 testers, and requirements authorities.

14 (2) The term “agile development” means devel-
15 opment pursuant to a set of software development
16 methodologies based on iterative development, in
17 which requirements and solutions evolve through col-
18 laboration between self-organizing cross-functional
19 teams.

20 **SEC. 1627. REPORT ON COST IMPLICATIONS OF TERMI-**
21 **NATING DUAL-HAT ARRANGEMENT FOR COM-**
22 **MANDER OF UNITED STATES CYBER COM-**
23 **MAND.**

24 Not later than 90 days after the date of the enact-
25 ment of this Act, the Commander of the United States

1 Cyber Command shall submit to the congressional defense
2 committees a report that identifies the costs that would
3 be implicated by meeting the conditions set forth in section
4 1642(b)(2)(C) of the National Defense Authorization Act
5 for Fiscal Year 2017 (Public Law 114–328).

6 **SEC. 1628. MODIFICATION OF INFORMATION ASSURANCE**
7 **SCHOLARSHIP PROGRAM.**

8 (a) DESIGNATION OF PROGRAM.—Section 2200a of
9 title 10, United States Code, is amended by adding at the
10 end the following new subsection:

11 “(h) DESIGNATION OF PROGRAM.—A program under
12 which the Secretary provides financial assistance under
13 subsection (a) shall be known as the ‘Department of De-
14 fense Cybersecurity Scholarship Program’.”.

15 (b) ALLOCATION OF FUNDING.—Subsection (f) of
16 such section is amended—

17 (1) by inserting “(1)” before “Not less”; and

18 (2) by adding at the end the following new
19 paragraph:

20 “(2) Not less than five percent of the amount avail-
21 able for financial assistance under this section for a fiscal
22 year shall be available for providing financial assistance
23 for the pursuit of an associate degree.”.

24 (c) REINVIGORATION PLAN REQUIRED.—Not later
25 than September 30, 2018, the Secretary of Defense shall

1 submit to the congressional defense committees a plan for
2 reinvigorating the Department of Defense Cyber Scholar-
3 ship Program authorized under section 2200a of such
4 title, as amended by subsections (a) and (b).

5 **SEC. 1629. MEASURING COMPLIANCE OF COMPONENTS OF**
6 **DEPARTMENT OF DEFENSE WITH CYBERSE-**
7 **CURITY REQUIREMENTS FOR SECURING IN-**
8 **DUSTRIAL CONTROL SYSTEMS.**

9 (a) IN GENERAL.—The Secretary of Defense shall
10 make such changes to the scorecard as are necessary to
11 ensure that the Secretary measures each component of the
12 Department of Defense in its progress towards securing
13 the industrial control systems of the Department against
14 cyber threats, including supervisory control and data ac-
15 quisition systems (SCADA), distributed control systems
16 (DCS), programmable logic controllers (PLC), and plat-
17 form information technology (PIT).

18 (b) SCORECARD DEFINED.—In this section, the term
19 “scorecard” means the Department of Defense Cyber
20 Scorecard for the measuring of the performance of compo-
21 nents of the Department against basic cybersecurity re-
22 quirements as outlined in the Department of Defense Cy-
23 bersecurity Discipline Implementation Plan.

1 **SEC. 1630. EXERCISE ON ASSESSING CYBERSECURITY SUP-**
2 **PORT TO ELECTION SYSTEMS OF STATES.**

3 (a) INCLUSION OF CYBER VULNERABILITIES IN
4 ELECTION SYSTEMS IN CYBER GUARD EXERCISES.—The
5 Secretary of Defense shall incorporate the cybersecurity
6 of elections systems of the States as a component of the
7 Cyber Guard Exercise.

8 (b) REPORT ON BEST PRACTICES.—Not later than
9 180 days after the date of the enactment of this Act, the
10 Secretary of Defense shall submit to the congressional de-
11 fense committees a report on the capabilities, readiness,
12 and best practices of the National Guard to assist the Gov-
13 ernors, if called upon, to defend elections systems from
14 cyberattacks.

15 **SEC. 1630A. REPORT ON VARIOUS APPROACHES TO CYBER**
16 **DETERRENCE.**

17 (a) IN GENERAL.—Not later than 180 days after the
18 date of the enactment of this Act, the Secretary of Defense
19 shall submit to the congressional defense committees a re-
20 port on various approaches to cyber deterrence.

21 (b) CONTENTS.—The report required by subsection
22 (a) shall include the following:

23 (1) Identification, definition, and explanation of
24 the various theoretical approaches to cyber deter-
25 rence.

1 (2) An assessment of the relative strengths and
2 weaknesses of each of such approaches relative to
3 the threat and relative to one another.

4 (3) A recommendation for a cyber deterrence
5 theory and doctrine for the Armed Forces.

6 (4) An alternative analysis or dissenting view of
7 the recommendation included under paragraph (3)
8 that explains the weaknesses of the recommended
9 theory and doctrine and offers an alternative theory
10 or doctrine.

11 (c) CONSULTATION.—In preparing the report re-
12 quired by subsection (a), the Secretary shall consult with
13 experts from the Government, industry, and academia.

14 **SEC. 1630B. PROHIBITION ON USE OF SOFTWARE PLAT-**
15 **FORMS DEVELOPED BY KASPERSKY LAB.**

16 (a) PROHIBITION.—No department, agency, organi-
17 zation, or other element of the Department of Defense
18 may use, whether directly or through work with or on be-
19 half of another organization or element of the Department
20 or another department or agency of the United States
21 Government, any software platform developed, in whole or
22 in part, by Kaspersky Lab or any entity of which
23 Kaspersky Lab has a majority ownership.

24 (b) SEVERANCE OF NETWORK CONNECTIONS.—The
25 Secretary of Defense shall ensure that any network con-

1 nection between a department, agency, organization, or
2 other element of the Department of Defense and a depart-
3 ment or agency of the United States Government that is
4 using or hosting on its networks a software platform de-
5 scribed in subsection (a) is immediately severed.

6 (c) EFFECTIVE DATE.—This section shall take effect
7 on October 1, 2018.

8 **Subtitle D—Nuclear Forces**

9 **SEC. 1631. COLLECTION, STORAGE, AND SHARING OF DATA** 10 **RELATING TO NUCLEAR SECURITY ENTER-** 11 **PRISE.**

12 (a) IN GENERAL.—Chapter 24 of title 10, United
13 States Code, as amended by section 1624, is further
14 amended by adding at the end the following new section:

15 **“§ 499a. Collection, storage, and sharing of data relat-** 16 **ing to nuclear security enterprise**

17 “(a) IN GENERAL.—The Secretary of Defense, acting
18 through the Director of Cost Assessment and Program
19 Evaluation, and the Administrator for Nuclear Security,
20 acting through the Director for Cost Estimating and Pro-
21 gram Evaluation, shall jointly collect and store cost, pro-
22 grammatic, and technical data relating to programs and
23 projects of the nuclear security enterprise.

24 “(b) SHARING OF DATA.—If the Director of Cost As-
25 sessment and Program Evaluation or the Director for

1 Cost Estimating and Program Evaluation requests data
2 relating to programs or projects from any element of the
3 Department of Defense or from any element of the nuclear
4 security enterprise of the National Nuclear Security Ad-
5 ministration, that element shall provide that data in a
6 timely manner.

7 “(c) STORAGE OF DATA.—

8 “(1) IN GENERAL.—Data collected by the Di-
9 rector of Cost Assessment and Program Evaluation
10 and the Director for Cost Estimating and Program
11 Evaluation under this section shall be—

12 “(A) stored in the data storage system of
13 the Defense Cost and Resource Center or in a
14 data storage system of the National Nuclear
15 Security Administration that is equivalent to
16 the data storage system of the Defense Cost
17 and Resource Center; and

18 “(B) made accessible to other Federal
19 agencies as such Directors consider appropriate.

20 “(2) AVAILABILITY OF RESOURCES.—The Sec-
21 retary and the Administrator shall ensure that the
22 Director of Cost Assessment and Program Evalua-
23 tion and the Director for Cost Estimating and Pro-
24 gram Evaluation have sufficient information system
25 support, as determined by such Directors, to facili-

1 tate the timely hosting, handling, and sharing of
2 data relating to programs and projects of the nu-
3 clear security enterprise under this section at the ap-
4 propriate level of classification.

5 “(3) COORDINATION WITH OFFICE OF NAVAL
6 REACTORS.—The Deputy Administrator for Naval
7 Reactors of the National Nuclear Security Adminis-
8 tration shall coordinate with the Director of Cost
9 Assessment and Program Evaluation and the Direc-
10 tor for Cost Estimating and Program Evaluation to
11 ensure that data relating to programs and projects
12 of the Office of Naval Reactors are correctly rep-
13 resented in the data storage system of the Defense
14 Cost and Resource Center and the data storage sys-
15 tem of the National Nuclear Security Administration
16 described in paragraph (1)(A).

17 “(d) CONTRACT REQUIREMENTS.—The Secretary
18 and the Administrator shall ensure that any contract re-
19 lating to a program or project of the nuclear security en-
20 terprise that is entered into on or after the date of the
21 enactment of this section includes—

22 “(1) requirements and standards for data col-
23 lection; and

24 “(2) requirements for reporting on cost, pro-
25 grammatic, and technical data using procedures,

1 standards, and formats approved by the Director of
2 Cost Assessment and Program Evaluation and the
3 Director for Cost Estimating and Program Evalua-
4 tion.

5 “(e) NUCLEAR SECURITY ENTERPRISE DEFINED.—
6 In this section, the term ‘nuclear security enterprise’ has
7 the meaning given that term in section 4002 of the Atomic
8 Energy Defense Act (50 U.S.C. 2501).”.

9 (b) CLERICAL AMENDMENT.—The table of sections
10 for chapter 24 of such title is amended by inserting after
11 the item relating to section 499, as added by section 1624,
12 the following new item:

“499a. Collection, storage, and sharing of data relating to nuclear security en-
terprise.”.

13 **SEC. 1632. ESTABLISHMENT OF PROCEDURES FOR IMPLE-**
14 **MENTATION OF NUCLEAR ENTERPRISE RE-**
15 **VIEW.**

16 (a) IN GENERAL.—Not later than one year after the
17 date of the enactment of this Act, the Secretary of Defense
18 shall issue a final Department of Defense Instruction es-
19 tablishing procedures for the long-term implementation of
20 the recommendations contained in the Independent Re-
21 view of the Department of Defense Nuclear Enterprise,
22 dated June 2, 2014.

23 (b) SUBMISSION TO CONGRESS.—The Secretary shall
24 submit the final instruction required by subsection (a) to

1 the congressional defense committees not later than 30
2 days after issuing the instruction.

3 (c) REVIEW BY GOVERNMENT ACCOUNTABILITY OF-
4 FICE.—Not later than 90 days after the Secretary issues
5 the final instruction required by subsection (a), the Comp-
6 troller General of the United States shall submit to the
7 congressional defense committees a report reviewing the
8 instruction for its consistency with the recommendations
9 contained in the report of the Government Accountability
10 Office entitled, “Defense Nuclear Enterprise: DOD has
11 Established Processes for Implementing and Tracking
12 Recommendations to Improve Leadership Morale and Op-
13 erations”, dated July 14, 2016 (GAO–16–957R).

14 **SEC. 1633. PROCUREMENT AUTHORITY FOR CERTAIN**
15 **PARTS OF INTERCONTINENTAL BALLISTIC**
16 **MISSILES.**

17 (a) AVAILABILITY OF FUNDS.—Notwithstanding sec-
18 tion 1502(a) of title 31, United States Code, of the
19 amount authorized to be appropriated for fiscal year 2018
20 by section 101 and available for Missile Procurement, Air
21 Force, as specified in the funding table in section 4101,
22 \$6,334,000 shall be available for the procurement of cov-
23 ered parts pursuant to contracts entered into under sec-
24 tion 1645(a) of the Carl Levin and Howard P. “Buck”

1 McKeon National Defense Authorization Act for Fiscal
2 Year 2015 (Public Law 113–291; 128 Stat. 3651).

3 (b) COVERED PARTS DEFINED.—In this section, the
4 term “covered parts” means commercially available off-
5 the-shelf items as defined in section 104 of title 41, United
6 States Code.

7 **SEC. 1634. EXECUTION AND PROGRAMMATIC OVERSIGHT**
8 **OF NUCLEAR COMMAND, CONTROL, AND**
9 **COMMUNICATIONS PROGRAMS.**

10 (a) IN GENERAL.—Not later than one year after the
11 date of the enactment of this Act, the Chief Information
12 Officer of the Department of Defense, as Executive Sec-
13 retary of the Council on Oversight of the National Leader-
14 ship Command, Control, and Communications System es-
15 tablished under section 171a of title 10, United States
16 Code (or a successor to the Chief Information Officer as-
17 signed responsibility for policy, oversight, guidance, and
18 coordination for nuclear command and control systems),
19 shall, in coordination with the Under Secretary of Defense
20 for Acquisition and Sustainment, develop a database relat-
21 ing to the execution of all nuclear command, control, and
22 communications acquisition programs of the Department
23 of Defense with an approved Materiel Development Deci-
24 sion. The database shall be updated not less frequently

1 than annually and upon completion of a major program
2 element of such a program.

3 (b) DATABASE ELEMENTS.—The database required
4 by subsection (a) shall include, at a minimum, the fol-
5 lowing elements for each program described in that sub-
6 section, consistent with Department of Defense Instruc-
7 tion 5000.02:

8 (1) Projected dates for Milestones A, B and C,
9 including cost thresholds and objectives for major
10 elements of life cycle cost.

11 (2) Projected dates for program design reviews
12 and critical design reviews.

13 (3) Projected dates for developmental and oper-
14 ation tests.

15 (4) Projected dates for initial operational capa-
16 bility and final operational capability.

17 (5) An acquisition program baseline.

18 (6) Program acquisition unit cost and average
19 procurement unit cost.

20 (7) Contract type.

21 (8) Key performance parameters.

22 (9) Key system attributes.

23 (10) A risk register.

24 (11) Technology readiness levels.

25 (12) Manufacturing readiness levels.

1 (13) Integration readiness levels.

2 (14) Any other critical elements that affect the
3 stability of the program.

4 (c) BRIEFINGS.—The co-chairs of the Council on
5 Oversight of the National Leadership Command, Control,
6 and Communications System shall brief the congressional
7 defense committees on the status of the database required
8 by subsection (a)—

9 (1) not later than 180 days after the date of
10 the enactment of this Act; and

11 (2) upon completion of the database.

12 **SEC. 1635. MEASURES IN RESPONSE TO NONCOMPLIANCE**
13 **OF THE RUSSIAN FEDERATION WITH ITS OB-**
14 **LIGATIONS UNDER THE INF TREATY.**

15 (a) STATEMENT OF UNITED STATES POLICY.—It is
16 the policy of the United States that, for so long as the
17 Russian Federation remains in noncompliance with the
18 INF Treaty, the United States should take actions to
19 bring the Russian Federation back into compliance, in-
20 cluding—

21 (1) providing additional funds for the activities
22 and systems identified in section 1243(d) of the Na-
23 tional Defense Authorization Act for Fiscal Year
24 2016 (Public Law 114–92; 129 Stat. 1062); and

1 (2) the establishment of a research and develop-
2 ment program for a dual-capable road-mobile
3 ground-launched missile system with a maximum
4 range of 5,500 kilometers.

5 (b) REPORT REQUIRED.—Not later than 120 days
6 after the date of the enactment of this Act, the Secretary
7 of Defense shall submit to the congressional defense com-
8 mittees a report on the cost and schedule for, and feasi-
9 bility of, modifying United States missile systems in exist-
10 ence as of such date of enactment for ground launch with
11 a range of between 500 and 5,500 kilometers, including
12 the Tomahawk Cruise Missile, the Standard Missile-3, the
13 Standard Missile-6, the Long-Range Stand-Off Cruise
14 Missile, and the Army Tactical Missile System, as com-
15 pared with the cost and schedule for, and feasibility of,
16 developing a new ground-launched missile using new tech-
17 nology with the same range.

18 (c) AUTHORIZATION OF APPROPRIATIONS.—None of
19 the funds authorized to be appropriated by this Act or
20 otherwise made available for fiscal year 2018 for a re-
21 search and development program for a dual-capable road-
22 mobile ground-launched missile system with a maximum
23 range of 5,500 kilometers may be obligated or expended
24 until the report required by subsection (b) is received by
25 the congressional defense committees.

1 (d) INF TREATY DEFINED.—In this section, the
2 term “INF Treaty” means the Treaty between the United
3 States of America and the Union of Soviet Socialist Re-
4 publics on the Elimination of their Intermediate-Range
5 and Shorter-Range Missiles, signed at Washington De-
6 cember 8, 1987, and entered into force June 1, 1988.

7 **SEC. 1636. CERTIFICATION THAT THE NUCLEAR POSTURE**
8 **REVIEW ADDRESSES DETERRENT EFFECT**
9 **AND OPERATION OF UNITED STATES NU-**
10 **CLEAR FORCES IN CURRENT AND FUTURE**
11 **SECURITY ENVIRONMENTS.**

12 (a) FINDINGS.—Congress finds that, between the
13 publication of the Nuclear Posture Review in 2010 and
14 the date of the enactment of this Act—

15 (1) North Korea has—

16 (A) conducted at least three nuclear tests;

17 (B) tested missiles that may be capable of
18 reaching United States territory in the Pacific
19 Ocean; and

20 (C) continued to develop a missile that
21 could strike targets in the United States home-
22 land;

23 (2) the Russian Federation has—

1 (A) not complied with either the spirit or
2 the letter of bilateral treaties with the United
3 States related to nuclear weapons;

4 (B) continued to expand and diversify its
5 arsenal of non-strategic nuclear weapons;

6 (C) threatened to add allies of the United
7 States hosting missile defense shields to its list
8 of nuclear targets; and

9 (D) demonstrated willful disregard for the
10 sovereign territory of a neighboring country;

11 (3) Iran has—

12 (A) according to the International Atomic
13 Energy Agency, exceeded limits on sensitive
14 materials under the Joint Comprehensive Plan
15 of Action, agreed to at Vienna on July 14,
16 2015, by Iran and by the People's Republic of
17 China, France, Germany, the Russian Federa-
18 tion, the United Kingdom, and the United
19 States; and

20 (B) continued to advance a ballistic missile
21 program that has been condemned by the
22 United Nations;

23 (4) the People's Republic of China has—

24 (A) built up military outposts on artificial
25 islands in the South China Sea;

1 (B) mass-produced missiles capable of
2 striking United States aircraft carriers and
3 military installations in the Pacific;

4 (C) expanded its delivery systems to in-
5 clude ballistic missile submarines, which can
6 hold the United States homeland at risk and
7 potentially can destabilize the strategic stability
8 of Southeast Asia; and

9 (D) continued to test anti-satellite weap-
10 ons, according to the Department of State; and

11 (5) advances in technology and capabilities re-
12 lated to the cyber domain, applications of artificial
13 intelligence, and space have further complicated the
14 delicate balance of deterrence that has been in place
15 since the Cold War.

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

18 (1) given the developments in the international
19 security environment described in subsection (a), it
20 is critical to the national security of the United
21 States to maintain a nuclear force that is effective
22 for both deterrence of adversaries and assurance of
23 allies of the United States;

24 (2) an effective force for deterrence and assur-
25 ance should be flexible, in order to respond to dif-

1 ferent contingencies, as well as resilient, to operate
2 as planned under stress; and

3 (3) in order to do so, the United States should
4 continue to pursue the timely modernization of all
5 three legs of the nuclear triad, the Long-Range
6 Stand-Off weapon, tactical nuclear capabilities, and
7 nuclear command and control systems, as well as
8 weapons and infrastructure maintained by the Na-
9 tional Nuclear Security Administration.

10 (c) CERTIFICATION REQUIRED.—Not later than 30
11 days after completing the first Nuclear Posture Review
12 after the date of the enactment of this Act, the Secretary
13 of Defense shall submit to the congressional defense com-
14 mittees a certification that the Nuclear Posture Review
15 accounts for—

16 (1) with respect to the nuclear capabilities of
17 the United States as of such date of enactment—

18 (A) the ability of such capabilities to deter
19 adversaries of the United States that possess
20 nuclear weapons or may possess such weapons
21 in the future;

22 (B) the ability of the United States to op-
23 erate in a major regional conflict that involves
24 nuclear weapons;

1 (C) the ability and preparedness of for-
2 ward-deployed members of the Armed Forces to
3 operate in a nuclear environment; and

4 (D) weapons, equipment, and training or
5 conduct that would improve the abilities de-
6 scribed in subparagraphs (A), (B), and (C);

7 (2) with respect to the nuclear capabilities of
8 the United States projected over the 10-year period
9 beginning on such date of enactment—

10 (A) the projected ability of such capabili-
11 ties to deter adversaries of the United States
12 that possess nuclear weapons or may possess
13 such weapons in the future;

14 (B) the projected ability of the United
15 States to operate in a major regional conflict
16 that involves nuclear weapons;

17 (C) the projected ability and preparedness
18 of forward-deployed members of the Armed
19 Forces to operate in a nuclear environment; and

20 (D) weapons, equipment, and training or
21 conduct that would improve the abilities de-
22 scribed in subparagraphs (A), (B), and (C); and

23 (3) any actions that could be taken by the Sec-
24 retary of Defense or the Administrator for Nuclear
25 Security in the near and medium terms to decrease

1 the risk posed by possible additional changes to the
2 security environment related to nuclear weapons in
3 the future.

4 (d) FORM OF CERTIFICATION.—The certification re-
5 quired by subsection (c) may be submitted to the congres-
6 sional defense committees in classified form.

7 **SEC. 1637. PLAN TO MANAGE INTEGRATED TACTICAL**
8 **WARNING AND ATTACK ASSESSMENT SYSTEM**
9 **AND MULTI-DOMAIN SENSORS.**

10 (a) PLAN REQUIRED.—Not later than one year after
11 the date of the enactment of this Act, the Secretary of
12 the Air Force shall develop a plan to manage the Air Force
13 missile warning elements of the Integrated Tactical Warn-
14 ing and Attack Assessment System as a weapon system
15 consistent with Air Force Policy Directive 10-9, entitled
16 “Lead Command Designation and Responsibilities for
17 Weapon Systems” and dated March 8, 2007.

18 (b) MULTI-DOMAIN SENSOR MANAGEMENT AND EX-
19 PLOITATION.—

20 (1) IN GENERAL.—The plan required by sub-
21 section (a) shall include a long-term plan to manage
22 all available sensors for multi-domain exploitation
23 against modern and emergent threats in order to
24 provide comprehensive support for integrated tac-

1 tical warning and attack assessment, missile defense,
2 and space situational awareness.

3 (2) COORDINATION WITH OTHER AGENCIES.—

4 In developing the plan required by paragraph (1),
5 the Secretary shall—

6 (A) coordinate with the Secretary of the
7 Army, the Secretary of the Navy, the Director
8 of the Missile Defense Agency, and the Director
9 of the National Reconnaissance Office; and

10 (B) solicit comments on the plan, if any,
11 from the Commander of the United States
12 Strategic Command and the Commander of the
13 United States Northern Command.

14 (c) SUBMISSION TO CONGRESS.—Not later than 14
15 months after the date of the enactment of this Act, the
16 Secretary shall submit to the congressional defense com-
17 mittees—

18 (1) the plan required by subsection (a); and

19 (2) the comments from the Commander of the
20 United States Strategic Command and the Com-
21 mander of the United States Northern Command, if
22 any, on the plan required by subsection (b)(1).

1 **SEC. 1638. CERTIFICATION REQUIREMENT WITH RESPECT**
2 **TO STRATEGIC RADIATION HARDENED**
3 **TRUSTED FOUNDRY.**

4 Not later than December 31, 2020, the Secretary of
5 Defense shall submit to the congressional defense commit-
6 tees a certification that a strategic radiation hardened
7 trusted foundry, consistent with Department of Defense
8 Instruction 5200.44, is operational and capable of sup-
9 plying necessary microelectronic components for necessary
10 radiation environments involved with the acquisition of de-
11 livery systems for nuclear weapons.

12 **SEC. 1639. REQUIREMENTS FOR NUCLEAR POSTURE RE-**
13 **VIEW.**

14 (a) **INCORPORATION OF STAKEHOLDER VIEWS.**—In
15 preparing the Nuclear Posture Review, the Secretary of
16 Defense shall fully incorporate input and views from all
17 relevant stakeholders in the United States Government,
18 including the Secretary of Energy, the Secretary of State,
19 the Administrator for Nuclear Security, and the heads of
20 components of the Department of State, the Department
21 of Energy, and the National Nuclear Security Administra-
22 tion with responsibility for negotiating and verifying com-
23 pliance with international arms control initiatives.

24 (b) **AVAILABILITY.**—The Secretary of Defense shall
25 ensure that—

1 (1) the Nuclear Posture Review is submitted, in
2 its entirety, to the President and the congressional
3 defense committees; and

4 (2) an unclassified version of the Nuclear Pos-
5 ture Review is made available to the public.

6 **SEC. 1640. SENSE OF CONGRESS ON NUCLEAR POSTURE RE-**
7 **VIEW.**

8 It is the sense of Congress that the Nuclear Posture
9 Review should—

10 (1) take into account the obligations of the
11 United States under treaties ratified by and with the
12 advice and consent of the Senate; and

13 (2) examine the tools required to sustain the
14 stockpile stewardship program under section 4201 of
15 the Atomic Energy Defense Act (50 U.S.C. 2521) in
16 the future to ensure the safety, security, and effec-
17 tiveness of the nuclear arsenal of the United States.

18 **Subtitle E—Missile Defense**
19 **Programs**

20 **SEC. 1651. IRON DOME SHORT-RANGE ROCKET DEFENSE**
21 **SYSTEM AND ISRAELI COOPERATIVE MISSILE**
22 **DEFENSE PROGRAM CO-DEVELOPMENT AND**
23 **CO-PRODUCTION.**

24 (a) IRON DOME SHORT-RANGE ROCKET DEFENSE
25 SYSTEM.—

1 (1) AVAILABILITY OF FUNDS.—Of the funds
2 authorized to be appropriated by this Act or other-
3 wise made available for fiscal year 2018 for procure-
4 ment, Defense-wide, and available for the Missile
5 Defense Agency, not more than \$92,000,000 may be
6 provided to the Government of Israel to procure
7 Tamir interceptors for the Iron Dome short-range
8 rocket defense system through co-production of such
9 interceptors in the United States by industry of the
10 United States.

11 (2) CONDITIONS.—

12 (A) AGREEMENT.—Funds described in
13 paragraph (1) for the Iron Dome short-range
14 rocket defense program shall be available sub-
15 ject to the terms and conditions in the Agree-
16 ment Between the Department of Defense of
17 the United States of America and the Ministry
18 of Defense of the State of Israel Concerning
19 Iron Dome Defense System Procurement,
20 signed on March 5, 2014, as amended to in-
21 clude co-production for Tamir interceptors. In
22 negotiations by the Missile Defense Agency and
23 the Missile Defense Organization of the Govern-
24 ment of Israel regarding such production, the
25 goal of the United States is to maximize oppor-

1 tunities for co-production of the Tamir inter-
2 ceptors described in paragraph (1) in the
3 United States by industry of the United States.

4 (B) CERTIFICATION.—Not later than 30
5 days prior to the initial obligation of funds de-
6 scribed in paragraph (1), the Director of the
7 Missile Defense Agency and the Under Sec-
8 retary of Defense for Acquisition and
9 Sustainment shall jointly submit to the appro-
10 priate congressional committees—

11 (i) a certification that the amended bi-
12 lateral international agreement specified in
13 subparagraph (A) is being implemented as
14 provided in such agreement; and

15 (ii) an assessment detailing any risks
16 relating to the implementation of such
17 agreement.

18 (b) ISRAELI COOPERATIVE MISSILE DEFENSE PRO-
19 GRAM, DAVID'S SLING WEAPON SYSTEM CO-PRODUC-
20 TION.—

21 (1) IN GENERAL.—Subject to paragraph (2), of
22 the funds authorized to be appropriated for fiscal
23 year 2018 for procurement, Defense-wide, and avail-
24 able for the Missile Defense Agency not more than
25 \$120,000,000 may be provided to the Government of

1 Israel to procure the David's Sling Weapon System,
2 including for co-production of parts and components
3 in the United States by United States industry.

4 (2) CERTIFICATION.—The Under Secretary of
5 Defense for Acquisition and Sustainment shall sub-
6 mit to the appropriate congressional committees a
7 certification that—

8 (A) the Government of Israel has dem-
9 onstrated the successful completion of the
10 knowledge points, technical milestones, and pro-
11 duction readiness reviews required by the re-
12 search, development, and technology agreement
13 and the bilateral co-production agreement for
14 the David's Sling Weapon System;

15 (B) funds specified in paragraph (1) will
16 be provided on the basis of a one-for-one cash
17 match made by Israel or in another matching
18 amount that otherwise meets best efforts (as
19 mutually agreed to by the United States and
20 Israel); and

21 (C) the level of co-production of parts,
22 components, and all-up rounds (if appropriate)
23 in the United States by United States industry
24 for the David's Sling Weapon System is not less
25 than 50 percent.

1 (c) ISRAELI COOPERATIVE MISSILE DEFENSE PRO-
2 GRAM, ARROW 3 UPPER TIER INTERCEPTOR PROGRAM
3 CO-PRODUCTION.—

4 (1) IN GENERAL.—Subject to paragraphs (2)
5 and (3), of the funds authorized to be appropriated
6 for fiscal year 2018 for procurement, Defense-wide,
7 and available for the Missile Defense Agency not
8 more than \$120,000,000 may be provided to the
9 Government of Israel for the Arrow 3 Upper Tier
10 Interceptor Program, including for co-production of
11 parts and components in the United States by
12 United States industry.

13 (2) LIMITATION ON FUNDING.—None of the
14 funds authorized to be appropriated in paragraph
15 (1) may be obligated or expended until 30 days after
16 the successful completion of two flight tests at a test
17 range in the United States to validate Arrow Weap-
18 on System capabilities and interoperability with bal-
19 listic missile system components of the United
20 States.

21 (3) CERTIFICATION.—

22 (A) CRITERIA.—Except as provided by
23 paragraph (4), the Under Secretary of Defense
24 for Acquisition and Sustainment shall submit to

1 the appropriate congressional committees a cer-
2 tification 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 Arrow 3 Upper Tier
9 Development Program;

10 (ii) funds specified in paragraph (1)
11 will be provided on the basis of a one-for-
12 one cash match made by Israel or in an-
13 other matching amount that otherwise
14 meets best efforts (as mutually agreed to
15 by the United States and Israel);

16 (iii) the United States has entered
17 into a bilateral international agreement
18 with Israel that establishes, with respect to
19 the use of such funds—

20 (I) in accordance with clause (iv),
21 the terms of co-production of parts
22 and components on the basis of the
23 greatest practicable co-production of
24 parts, components, and all-up rounds
25 (if appropriate) by United States in-

1 industry and minimizes nonrecurring
2 engineering and facilitization expenses
3 to the costs needed for co-production;

4 (II) complete transparency on the
5 requirement of Israel for the number
6 of interceptors and batteries that will
7 be procured, including with respect to
8 the procurement plans, acquisition
9 strategy, and funding profiles of
10 Israel;

11 (III) technical milestones for co-
12 production of parts and components
13 and procurement;

14 (IV) a joint affordability working
15 group to consider cost reduction ini-
16 tiatives; and

17 (V) joint approval processes for
18 third-party sales; and

19 (iv) the level of co-production de-
20 scribed in clause (iii)(I) for the Arrow 3
21 Upper Tier Interceptor Program is not less
22 than 50 percent.

23 (4) WAIVER.—The Under Secretary may waive
24 the certification required by paragraph (3) if the
25 Under Secretary certifies to the appropriate congres-

1 sional committees that the Under Secretary has re-
2 ceived sufficient data from the Government of Israel
3 to demonstrate—

4 (A) the funds specified in paragraph (1)
5 are provided to Israel solely for funding the
6 procurement of long-lead components and crit-
7 ical hardware in accordance with a production
8 plan, including a funding profile detailing
9 Israeli contributions for production, including
10 long-lead production, of the Arrow 3 Upper
11 Tier Interceptor Program;

12 (B) such long-lead components have suc-
13 cessfully completed knowledge points, technical
14 milestones, and production readiness reviews;
15 and

16 (C) the long-lead procurement will be con-
17 ducted in a manner that maximizes co-produc-
18 tion in the United States without incurring
19 nonrecurring engineering activity or cost other
20 than such activity or cost required for suppliers
21 of the United States to start or restart produc-
22 tion in the United States.

23 (d) NUMBER.—In carrying out paragraph (2) of sub-
24 section (b) and paragraph (3) of subsection (c), the Under
25 Secretary may submit—

1 (1) one certification covering both the David's
2 Sling Weapon System and the Arrow 3 Upper Tier
3 Interceptor Program; or

4 (2) separate certifications for each respective
5 system.

6 (e) **TIMING.**—The Under Secretary shall submit to
7 the congressional defense committees the certifications
8 under paragraph (2) of subsection (b) and paragraph (3)
9 of subsection (c) by not later than 60 days before the
10 funds specified in paragraph (1) of subsections (b) and
11 (c) for the respective system covered by the certification
12 are provided to the Government of Israel.

13 (f) **APPROPRIATE CONGRESSIONAL COMMITTEES DE-**
14 **FINED.**—In this section, the term “appropriate congres-
15 sional committees” means the following:

16 (1) The congressional defense committees.

17 (2) The Committee on Foreign Relations of the
18 Senate and the Committee on Foreign Affairs of the
19 House of Representatives.

20 **SEC. 1652. DEVELOPMENT OF PERSISTENT SPACE-BASED**
21 **SENSOR ARCHITECTURE.**

22 (a) **IN GENERAL.**—Unless otherwise directed or rec-
23 ommended by the Ballistic Missile Defense Review
24 (BMDR), the Director of the Missile Defense Agency shall
25 develop, using sound acquisition practices, a highly reli-

1 able and cost-effective persistent space-based sensor archi-
2 tecture capable of supporting the ballistic missile defense
3 system.

4 (b) TESTING AND DEPLOYMENT.—The Director shall
5 ensure that the sensor architecture developed under sub-
6 section (a) is rigorously tested before final production de-
7 cisions or operational deployment.

8 (c) FUNCTIONS.—The sensor architecture developed
9 under subsection (a) shall include one or more of the fol-
10 lowing functions:

11 (1) Control of increased raid sizes.

12 (2) Precision tracking of threat missiles.

13 (3) Fire-control-quality tracks of evolving threat
14 missiles.

15 (4) Enabling of launch-on-remote and engage-
16 on-remote capabilities.

17 (5) Discrimination of warheads.

18 (6) Effective kill assessment.

19 (7) Enhanced shot doctrine.

20 (8) Integration with the command, control, bat-
21 tle management, and communication program of the
22 ballistic missile defense system.

23 (9) Integration with all other elements of the
24 current ballistic missile defense system, including
25 the Terminal High Altitude Area Defense, Aegis

1 Ballistic Missile Defense, Aegis Ashore, and Patriot
2 Air and Missile Defense Systems.

3 (10) Such additional functions as determined by
4 the Ballistic Missile Defense Review.

5 (d) COST ESTIMATES.—Whenever the Director devel-
6 ops a cost estimate for the sensor architecture required
7 by subsection (a), the Director shall use—

8 (1) the cost-estimating and assessment guide of
9 the Government Accountability Office entitled “GAO
10 Cost Estimating and Assessment Guide” (GAO-09-
11 3SP), or a successor guide; or

12 (2) the most current operating and support
13 cost-estimating guide of the Office of Cost Assess-
14 ment and Program Evaluation (CAPE).

15 **SEC. 1653. GROUND-BASED INTERCEPTOR CAPACITY AND**
16 **FORT GREELY MISSILE FIELD INFRASTRUC-**
17 **TURE REQUIREMENTS.**

18 (a) SENSE OF THE SENATE.—It is the sense of the
19 Senate that it is the policy of the United States to main-
20 tain and improve, with the allies of the United States, an
21 effective, robust layered missile defense system capable of
22 defending the citizens of the United States residing in ter-
23 ritories and States of the United States, allies of the
24 United States, and deployed Armed Forces of the United
25 States.

1 (b) INCREASE IN CAPACITY.—The Secretary of De-
2 fense shall, subject to the annual authorization of appro-
3 priations and the annual appropriation of funds for Na-
4 tional Missile Defense, increase the number of United
5 States ground-based interceptors, unless otherwise di-
6 rected by the Ballistic Missile Defense Review, by up to
7 28.

8 (c) DEPLOYMENT.—Not later than December 31,
9 2021, the Secretary of Defense shall—

10 (1) execute any requisite construction to ensure
11 that Missile Field 1 or Missile Field 2 at Fort
12 Greely or alternative missile fields at Fort Greely
13 which may be identified pursuant to subsection (c),
14 are capable of supporting and sustaining additional
15 ground-based interceptors;

16 (2) deploy up to 14 additional ground-based
17 interceptors to Missile Field 1 or an alternative mis-
18 sile field at Fort Greely as soon as technically fea-
19 sible; and

20 (3) identify a ground-based interceptor stockpile
21 storage site for up to 14 ground-based interceptors.

22 (d) REPORT.—

23 (1) IN GENERAL.—Unless otherwise directed or
24 recommended by the Ballistic Missile Defense Re-
25 view (BMDR), the Director of the Missile Defense

1 Agency shall submit to the congressional defense
2 committees, not later than 90 days after the date of
3 the enactment of this Act, a report on options to in-
4 crease the capacity of the ground-based midcourse
5 defense element of the ballistic missile defense sys-
6 tem and the infrastructure requirements for increas-
7 ing the number of ground-based interceptors at Fort
8 Greely, Alaska.

9 (2) CONTENTS.—The report required by para-
10 graph (1) shall include the following:

11 (A) An identification of potential sites in
12 the United States, whether existing or new on
13 the East Coast or in the Midwest, for the de-
14 ployment of up to 100 additional ground-based
15 interceptors.

16 (B) A cost-benefit analysis of each such
17 site, including tactical, operational, and cost-to-
18 construct considerations.

19 (C) A description of any completed and
20 outstanding environmental assessments or im-
21 pact statements for each such site.

22 (D) A description of the existing capacity
23 of the missile fields at Fort Greely and the in-
24 frastructure requirements needed to increase
25 the number of ground-based interceptors at

1 Missile Field 1 and Missile Field 2 to 20
2 ground-based interceptors each.

3 (E) A description of the additional infra-
4 structure and components needed to further
5 outfit such missile fields at Fort Greely before
6 emplacing additional ground-based interceptors
7 configured with the redesigned kill vehicle, in-
8 cluding with respect to ground excavation, silos,
9 utilities, and support equipment.

10 (F) A cost estimate of such infrastructure
11 and components.

12 (G) An estimated schedule for completing
13 such construction as may be required for such
14 infrastructure and components.

15 (H) An identification of any environmental
16 assessments or impact studies that would need
17 to be conducted to expand such missile fields at
18 Fort Greely beyond current capacity.

19 (I) An operational evaluation and cost
20 analysis of the deployment of transportable
21 ground-based interceptors, including an identi-
22 fication of potential sites, including in the east-
23 ern United States and at Vandenberg Air Force
24 Base, and an examination of any environ-
25 mental, legal, or tactical challenges associated

1 with such deployments, including to any sites
2 identified in subparagraph (A).

3 (J) A determination of the appropriate
4 fleet mix of ground-based interceptor kill vehi-
5 cles and boosters to maximize overall system ef-
6 fectiveness and increase its capacity and capa-
7 bility, including the costs and benefits of contin-
8 ued inclusion of capability enhancement II
9 (CE-II) Block 1 interceptors after the fielding
10 of the redesigned kill vehicle.

11 (K) A description of the planned improve-
12 ments to homeland ballistic missile defense sen-
13 sor and discrimination capabilities and an as-
14 sessment of the expected operational benefits of
15 such improvements to homeland ballistic missile
16 defense.

17 (L) The benefit of supplementing ground-
18 based midcourse defense elements with other,
19 more distributed, elements, including both Aegis
20 ships and Aegis Ashore installations with
21 Standard Missile-3 Block IIA and other inter-
22 ceptors in Hawaii and at other locations for
23 homeland missile defense.

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. 1654. SENSE OF THE SENATE ON THE STATE OF**
5 **UNITED STATES MISSILE DEFENSE.**

6 It is the sense of the Senate that—

7 (1) the Secretary of Defense should use the
8 Ballistic Missile Defense Review (BMDR) to con-
9 sider accelerating the development of technologies
10 that will increase the capacity, capability, and reli-
11 ability of the ground-based midcourse defense ele-
12 ment of the ballistic missile defense system;

13 (2) upon completion of the Ballistic Missile De-
14 fense Review, the Director of the Missile Defense
15 Agency should, to the extent practicable and with
16 sound acquisition practices, accelerate the develop-
17 ment, testing, and fielding of such capabilities as
18 they are prioritized in the Ballistic Missile Defense
19 Review, including the redesigned kill vehicle, the
20 multi-object kill vehicle, the C3 booster, a space-
21 based sensor layer, boost phase sensor and kill tech-
22 nologies, and additional ground-based interceptors;
23 and

24 (3) in order to achieve these objectives, and to
25 avoid post-production and post-deployment problems,

1 it is essential for the Department of Defense and the
2 Missile Defense Agency to follow a “fly before you
3 buy” approach to adequately test and assess the ele-
4 ments of the ballistic missile defense system before
5 final production decisions or operational deployment.

6 **SEC. 1655. SENSE OF THE SENATE AND REPORT ON**
7 **GROUND-BASED MIDCOURSE DEFENSE TEST-**
8 **ING.**

9 (a) SENSE OF THE SENATE.—It is the sense of the
10 Senate that—

11 (1) at a minimum, the Missile Defense Agency
12 should continue to flight test the ground-based mid-
13 course defense element at least once each fiscal year;

14 (2) the Department of Defense should allocate
15 increased funding to homeland missile defense test-
16 ing to ensure that our defenses continue to evolve
17 faster than the threats against which they are pos-
18 tured to defend;

19 (3) in order to rapidly innovate, develop, and
20 field new technologies, the Director of the Missile
21 Defense Agency should continue to focus testing
22 campaigns on delivering increased capabilities to the
23 Armed Forces as quickly as possible; and

24 (4) the Director of the Missile Defense Agency
25 should seek to establish a more prudent balance be-

1 tween risk mitigation and the more rapid testing
2 pace needed to quickly develop and deliver new capa-
3 bilities to the Armed Forces.

4 (b) REPORT TO CONGRESS.—

5 (1) IN GENERAL.—Not later than 90 days after
6 the date of the enactment of this Act, the Director
7 of the Missile Defense Agency shall submit to the
8 congressional defense committees a revised missile
9 defense testing campaign plan that accelerates the
10 development and deployment of new missile defense
11 technologies.

12 (2) CONTENTS.—The report required by para-
13 graph (1) shall include the following:

14 (A) A detailed analysis of the acceleration
15 of each of following programs:

16 (i) Redesigned kill vehicle.

17 (ii) Multi-object kill vehicle.

18 (iii) Configuration-3 Booster.

19 (iv) Lasers mounted on small un-
20 manned aerial vehicles.

21 (v) Space-based missile defense sensor
22 architecture.

23 (vi) Such additional technologies as
24 the Director considers appropriate.

1 (B) A new deployment timeline for each of
2 the programs in listed in subparagraph (A) or
3 a detailed description of why the current
4 timeline for deployment technologies under
5 those programs is most suitable.

6 (C) An identification of any funding or pol-
7 icy restrictions that would slow down the de-
8 ployment of the technologies under the pro-
9 grams listed in subparagraph (A).

10 (D) A risk assessment of the potential
11 cost-overruns and deployment delays that may
12 be encountered in the expedited development
13 process of the capabilities under paragraph (1).

14 (c) REPORT ON FUNDING PROFILE.—The Director
15 shall include with the budget justification materials sub-
16 mitted to Congress in support of the budget of the Depart-
17 ment of Defense for fiscal year 2019 (as submitted with
18 the budget of the President under section 1105(a) of title
19 31, United States Code) a report on the funding profile
20 necessary for the new testing campaign plan required by
21 subsection (b)(1).

1 **DIVISION B—MILITARY CON-**
2 **STRUCTION AUTHORIZA-**
3 **TIONS**

4 **SEC. 2001. SHORT TITLE.**

5 This division may be cited as the “Military Construc-
6 tion Authorization Act for Fiscal Year 2018”.

7 **SEC. 2002. EXPIRATION OF AUTHORIZATIONS AND**
8 **AMOUNTS REQUIRED TO BE SPECIFIED BY**
9 **LAW.**

10 (a) EXPIRATION OF AUTHORIZATIONS AFTER FIVE
11 YEARS.—Except as provided in subsection (b), all author-
12 izations contained in titles XXI through XXVII for mili-
13 tary construction projects, land acquisition, family housing
14 projects and facilities, and contributions to the North At-
15 lantic Treaty Organization Security Investment Program
16 (and authorizations of appropriations therefor) shall ex-
17 pire on the later of—

18 (1) October 1, 2022; or

19 (2) the date of the enactment of an Act author-
20 izing funds for military construction for fiscal year
21 2023.

22 (b) EXCEPTION.—Subsection (a) shall not apply to
23 authorizations for military construction projects, land ac-
24 quisition, family housing projects and facilities, and con-
25 tributions to the North Atlantic Treaty Organization Se-

1 curity Investment Program (and authorizations of appro-
2 priations therefor), for which appropriated funds have
3 been obligated before the later of—

4 (1) October 1, 2022; or

5 (2) the date of the enactment of an Act author-
6 izing funds for fiscal year 2023 for military con-
7 struction projects, land acquisition, family housing
8 projects and facilities, or contributions to the North
9 Atlantic Treaty Organization Security Investment
10 Program.

11 (c) EXTENSION OF AUTHORIZATIONS OF FISCAL
12 YEAR 2016 AND FISCAL YEAR 2017 PROJECTS.—

13 (1) FISCAL YEAR 2016 PROJECTS.—Section
14 2002 of the Military Construction Authorization Act
15 for Fiscal Year 2016 (division B of Public Law 114–
16 92; 129 Stat. 1145) is amended—

17 (A) in subsection (a)—

18 (i) in paragraph (1), by striking
19 “2018” and inserting “2020”; and

20 (ii) in paragraph (2), by striking
21 “2019” and inserting “2021”; and

22 (B) in subsection (b)—

23 (i) in paragraph (1), by striking
24 “2018” and inserting “2020”; and

1 (ii) in paragraph (2), by striking
2 “2019” and inserting “2021”.

3 (2) FISCAL YEAR 2017 PROJECTS.—Section
4 2002 of the Military Construction Authorization Act
5 for Fiscal Year 2017 (division B of Public Law 114–
6 328; 129 Stat. 1145) is amended—

7 (A) in subsection (a)—

8 (i) in paragraph (1), by striking
9 “2019” and inserting “2021”; and

10 (ii) in paragraph (2), by striking
11 “2020” and inserting “2022”; and

12 (B) in subsection (b)—

13 (i) in paragraph (1), by striking
14 “2019” and inserting “2021”; and

15 (ii) in paragraph (2), by striking
16 “2020” and inserting “2022”.

17 **SEC. 2003. EFFECTIVE DATE.**

18 Titles XXI through XXVII and title XXIX shall take
19 effect on the later of—

20 (1) October 1, 2017; or

21 (2) the date of the enactment of this Act.

**TITLE XXI—ARMY MILITARY
CONSTRUCTION**

**SEC. 2101. AUTHORIZED ARMY CONSTRUCTION AND LAND
ACQUISITION PROJECTS.**

(a) INSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2103(a) and available for military construction projects inside the United States as specified in the funding table in section 4601, the Secretary of the Army may acquire real property and carry out military construction projects for the installations or locations inside the United States, and in the amounts, set forth in 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
Hawaii	Pohakuloa Training Area	\$25,000,000
Indiana	Crane Army Ammunition Plant	\$24,000,000
New York	United States 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	Yakima	\$19,500,000

(b) OUTSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2103(a) and available for military con-

1 construction projects outside the United States as specified
 2 in the funding table in section 4601, the Secretary of the
 3 Army may acquire real property and carry out the military
 4 construction project for the installations or locations out-
 5 side the United States, and in the amounts, set forth in
 6 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
Turkey	Various Locations	\$6,400,000

7 (c) CERTIFICATION REQUIREMENT FOR CERTAIN
 8 PROJECTS.—The Secretary of the Army may not exercise
 9 the authority provided under subsection (a) with respect
 10 to the Fort Rucker, Alabama, or the Fort Benning, Geor-
 11 gia, projects set forth in the table under such subsection
 12 unless the Secretary of Defense, without delegation, cer-
 13 tifies to the congressional defense committees that such
 14 project is essential for Army training.

15 **SEC. 2102. FAMILY HOUSING.**

16 (a) CONSTRUCTION AND ACQUISITION.—Using
 17 amounts appropriated pursuant to the authorization of ap-
 18 propriations in section 2103(a) and available for military
 19 family housing functions as specified in the funding table
 20 in section 4601, the Secretary of the Army may construct
 21 or acquire family housing units (including land acquisition
 22 and supporting facilities) at the installations or locations,

1 in the number of units, and in the amounts set forth in
 2 the following table:

Army: Family Housing

State/Coun- try	Installation or Location	Units	Amount
Georgia	Fort Gordon	Family Housing New Construction	\$6,100,000
Germany	South Camp Vilseck	Family Housing New Construction	\$22,445,000
Korea	Camp Humphreys	Family Housing New Construction	\$34,402,000
Massachusetts	Natick	Family Housing Replacement Construction	\$21,000,000

3 (b) PLANNING AND DESIGN.—Using amounts appro-
 4 priated pursuant to the authorization of appropriations in
 5 section 2103(a) and available for military family housing
 6 functions as specified in the funding table in section 4601,
 7 the Secretary of the Army may carry out architectural and
 8 engineering services and construction design activities
 9 with respect to the construction or improvement of family
 10 housing units in an amount not to exceed \$33,559,000.

11 **SEC. 2103. AUTHORIZATION OF APPROPRIATIONS, ARMY.**

12 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
 13 are hereby authorized to be appropriated for fiscal years
 14 beginning after September 30, 2017, for military con-
 15 struction, land acquisition, and military family housing
 16 functions of the Department of the Army as specified in
 17 the funding table in section 4601.

18 (b) LIMITATION ON TOTAL COST OF CONSTRUCTION
 19 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 2101 of this Act
4 may not exceed the total amount authorized to be appro-
5 priated under subsection (a), as specified in the funding
6 table in section 4601.

7 **SEC. 2104. MODIFICATION OF AUTHORITY TO CARRY OUT**
8 **CERTAIN FISCAL YEAR 2014 PROJECT.**

9 In the case of the authorization contained in the table
10 in section 2101(a) of the Military Construction Authoriza-
11 tion Act for Fiscal Year 2014 (division B of Public Law
12 113–66; 127 Stat. 986) for Joint Base Lewis-McChord,
13 Washington, for construction of an airfield operations
14 complex, the Secretary of the Army may construct standby
15 generator capacity of 1,000 kilowatts.

16 **SEC. 2105. MODIFICATION OF AUTHORITY TO CARRY OUT**
17 **CERTAIN FISCAL YEAR 2015 PROJECT.**

18 In the case of the authorization contained in the table
19 in section 2101(a) of the Military Construction Authoriza-
20 tion Act for Fiscal Year 2015 (division B of Public Law
21 113–291; 128 Stat. 3670) for Fort Shafter, Hawaii, for
22 construction of a command and control facility, the Sec-
23 retary of the Army may construct 15 megawatts of redun-
24 dant power generation for a total project amount of
25 \$370,000,000.

1 **SEC. 2106. EXTENSION OF AUTHORIZATION OF CERTAIN**
 2 **FISCAL YEAR 2014 PROJECT.**

3 (a) EXTENSION.—Notwithstanding section 2002 of
 4 the Military Construction Authorization Act for Fiscal
 5 Year 2014 (division B of Public Law 113–66; 127 Stat.
 6 985), the authorization set forth in the table in subsection
 7 (b), as provided in section 2101 of that Act (127 Stat.
 8 986), shall remain in effect until October 1, 2018, or the
 9 date of the enactment of an Act authorizing funds for mili-
 10 tary construction for fiscal year 2019, whichever is later.

11 (b) TABLE.—The table referred to in subsection (a)
 12 is as follows:

Army: Extension of 2014 Project Authorizations

Country	Location	Project	Amount
Japan	Kyoga-Misaki	Company Operations Com- plex	\$33,000,000

13 **SEC. 2107. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
 14 **FISCAL YEAR 2015 PROJECTS.**

15 (a) EXTENSION.—Notwithstanding section 2002 of
 16 the Military Construction Authorization Act for Fiscal
 17 Year 2015 (division B of Public Law 113–291; 128 Stat.
 18 3669), the authorizations set forth in the table in sub-
 19 section (b), as provided in section 2101 of that Act (128
 20 Stat. 3670), shall remain in effect until October 1, 2018,
 21 or the date of the enactment of an Act authorizing funds
 22 for military construction for fiscal year 2019, whichever
 23 is later.

1 (b) TABLE.—The table referred to in subsection (a)
 2 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
Japan	Kadena Air Base	Missile Magazine	\$10,600,000
Texas	Fort Hood ...	Simulation Center	\$46,000,000

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
	Coronado	\$36,000,000
	Lemoore	\$60,828,000
	Miramar	\$87,174,000
	San Diego	\$108,000,000
	Twentynine Palms	\$55,099,000

Navy: Inside the United States—Continued

State	Installation or Location	Amount
Florida	Mayport	\$194,818,000
Georgia	Albany	\$43,308,000
Hawaii	Kaneohe Bay	\$45,512,000
.....	Joint Base Pearl Harbor-Hickam	\$73,200,000
.....	Wahiawa	\$65,864,000
Maine	Kittery	\$61,692,000
North Carolina	Camp Lejeune	\$168,059,000
.....	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
.....	Quantico	\$23,738,000
.....	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
Djibouti	Camp Lemonier	\$13,390,000
Greece	Souda Bay	\$22,045,000
Guam	Joint Region Marianas	\$284,679,000
Japan	Iwakuni	\$21,86,000

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

1 in section 4601, the Secretary of the Navy may construct
 2 or acquire family housing units (including land acquisition
 3 and supporting facilities) at the installation or location,
 4 in the number of units, and in the amount set forth in
 5 the following table:

Navy: Family Housing

State	Installation or Location	Units	Amount
Bahrain Is- land	Southwest Asia	Construction On- Base General and Flag Officers Quarters	\$2,138,000

6 (b) **PLANNING AND DESIGN.**—Using amounts appro-
 7 priated pursuant to the authorization of appropriations in
 8 section 2204(a) and available for military family housing
 9 functions as specified in the funding table in section 4601,
 10 the Secretary of the Navy may carry out architectural and
 11 engineering services and construction design activities
 12 with respect to the construction or improvement of family
 13 housing units in an amount not to exceed \$4,418,000.

14 **SEC. 2203. IMPROVEMENTS TO MILITARY FAMILY HOUSING**

15 **UNITS.**

16 Subject to section 2825 of title 10, United States
 17 Code, and using amounts appropriated pursuant to the
 18 authorization of appropriations in section 2204(a) and
 19 available for military family housing functions as specified
 20 in the funding table in section 4601, the Secretary of the

1 Navy may improve existing military family housing units
2 in an amount not to exceed \$36,251,000.

3 **SEC. 2204. AUTHORIZATION OF APPROPRIATIONS, NAVY.**

4 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
5 are hereby authorized to be appropriated for fiscal years
6 beginning after September 30, 2017, for military con-
7 struction, land acquisition, and military family housing
8 functions of the Department of the Navy, as specified in
9 the funding table in section 4601.

10 (b) LIMITATION ON TOTAL COST OF CONSTRUCTION
11 PROJECTS.—Notwithstanding the cost variations author-
12 ized by section 2853 of title 10, United States Code, and
13 any other cost variation authorized by law, the total cost
14 of all projects carried out under section 2201 of this Act
15 may not exceed the total amount authorized to be appro-
16 priated under subsection (a), as specified in the funding
17 table in section 4601.

18 **SEC. 2205. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
19 **FISCAL YEAR 2014 PROJECTS.**

20 (a) EXTENSION.—Notwithstanding section 2002 of
21 the Military Construction Authorization Act for Fiscal
22 Year 2014 (division B of Public Law 113–66; 127 Stat.
23 985), the authorizations set forth in the table in sub-
24 section (b), as provided in section 2201 of that Act (127
25 Stat. 989) and extended by section 2207 of the Military

1 Construction Authorization Act for Fiscal Year 2017 (di-
 2 vision B of Public Law 114–328; 130 Stat. 2694), shall
 3 remain in effect until October 1, 2018, or the date of the
 4 enactment of an Act authorizing funds for military con-
 5 struction for fiscal year 2019, whichever is later.

6 (b) TABLE.—The table referred to in subsection (a)
 7 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

8 **SEC. 2206. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
 9 **FISCAL YEAR 2015 PROJECTS.**

10 (a) EXTENSION.—Notwithstanding section 2002 of
 11 the Military Construction Authorization Act for Fiscal
 12 Year 2015 (division B of Public Law 113–291; 128 Stat.
 13 3669), the authorizations set forth in the table in sub-
 14 section (b), as provided in section 2201 of that Act (128
 15 Stat. 3675), shall remain in effect until October 1, 2018,
 16 or the date of the enactment of an Act authorizing funds
 17 for military construction for fiscal year 2019, whichever
 18 is later.

19 (b) TABLE.—The table referred to in subsection (a)
 20 is as follows:

Navy: Extension of 2015 Project Authorizations

State	Installation or Location	Project	Amount
District of Columbia	NSA Washington ..	Electronics Science and Technology Lab	\$37,882,000
Maryland	Indian Head	Advanced Energetics Research Lab Complex Phase 2	\$15,346,000

1 **TITLE XXIII—AIR FORCE**
2 **MILITARY CONSTRUCTION**
3 **SEC. 2301. AUTHORIZED AIR FORCE CONSTRUCTION AND**
4 **LAND ACQUISITION PROJECTS.**

5 (a) INSIDE THE UNITED STATES.—Using amounts
6 appropriated pursuant to the authorization of appropria-
7 tions in section 2304(a) and available for military con-
8 struction projects inside the United States as specified in
9 the funding table in section 4601, the Secretary of the
10 Air Force may acquire real property and carry out mili-
11 tary construction projects for the installations or locations
12 inside the United States, and in the amounts, set forth
13 in the following table:

Air Force: Inside the United States

State	Installation or Location	Amount
Alaska	Eielson Air Force Base	\$168,900,000
Arkansas	Little Rock Air Force Base	\$20,000,000
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

Air Force: Inside the United States—Continued

State	Installation or Location	Amount
	Kirtland Air Force Base	\$9,300,000
North Dakota	Minot Air Force Base	\$27,000,000
Ohio	Wright-Patterson Air Force Base	\$6,800,000
Oklahoma	Altus Air Force Base	\$20,900,000
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 amounts, set forth
9 in the following table:

Air Force: Outside the United States

Country	Installation or Location	Amount
Australia	Darwin	\$76,000,000
Italy	Aviano Air Base	\$27,325,000
Qatar	Al Udeid	\$15,000,000
Turkey	Incirlik Air Base	\$25,997,000
United Kingdom	RAF Fairford	\$45,650,000
	RAF Lakenheath	\$136,992,000
Worldwide Unspecified	Unspecified Worldwide Locations	\$325,390,000

10 **SEC. 2302. FAMILY HOUSING.**

11 Using amounts appropriated pursuant to the author-
12 ization of appropriations in section 2304(a) and available
13 for military family housing functions as specified in the
14 funding table in section 4601, the Secretary of the Air
15 Force may carry out architectural and engineering serv-
16 ices and construction design activities with respect to the

1 construction or improvement of family housing units in an
2 amount not to exceed \$4,445,000.

3 **SEC. 2303. IMPROVEMENTS TO MILITARY FAMILY HOUSING**
4 **UNITS.**

5 Subject to section 2825 of title 10, United States
6 Code, and using amounts appropriated pursuant to the
7 authorization of appropriations in section 2304(a) and
8 available for military family housing functions as specified
9 in the funding table in section 4601, the Secretary of the
10 Air Force may improve existing military family housing
11 units in an amount not to exceed \$80,617,000.

12 **SEC. 2304. AUTHORIZATION OF APPROPRIATIONS, AIR**
13 **FORCE.**

14 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds
15 are hereby authorized to be appropriated for fiscal years
16 beginning after September 30, 2017, for military con-
17 struction, land acquisition, and military family housing
18 functions of the Department of the Air Force, as specified
19 in the funding table in section 4601.

20 (b) **LIMITATION ON TOTAL COST OF CONSTRUCTION**
21 **PROJECTS.**—Notwithstanding the cost variations author-
22 ized by section 2853 of title 10, United States Code, and
23 any other cost variation authorized by law, the total cost
24 of all projects carried out under section 2301 of this Act
25 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. 2305. MODIFICATION OF AUTHORITY TO CARRY OUT**
4 **CERTAIN FISCAL YEAR 2017 PROJECTS.**

5 (a) HANSCOM AIR FORCE BASE.—In the case of the
6 authorization contained in the table in section 2301(a) of
7 the Military Construction Authorization Act for Fiscal
8 Year 2017 (division B of Public Law 114–328; 130 Stat.
9 2696) for Hanscom Air Force Base, Massachusetts, for
10 construction of a gate complex at the installation, the Sec-
11 retary of the Air Force may construct a visitor control
12 center of 187 square meters, a traffic check house of 294
13 square meters, and an emergency power generator system
14 and transfer switch consistent with the Air Force’s con-
15 struction guidelines.

16 (b) MARIANA ISLANDS.—In the case of the authoriza-
17 tion contained in the table in section 2301(b) of the Mili-
18 tary Construction Authorization Act for Fiscal Year 2017
19 (division B of Public Law 114–328; 130 Stat. 2697) for
20 acquiring 142 hectares of land at an unspecified location
21 in the Mariana Islands, the Secretary of the Air Force
22 may purchase 142 hectares of land on Tinian in the
23 Northern Mariana Islands for a cost of \$21,900,000.

24 (c) CHABELLEY AIRFIELD.—In the case of the au-
25 thorization contained in the table in section 2902 of the

1 Military Construction Authorization Act for Fiscal Year
2 2017 (division B of Public Law 114–328; 130 Stat. 2743)
3 for Chabelley Airfield, Djibouti, for construction of a park-
4 ing apron and taxiway at that location, the Secretary of
5 the Air Force may construct 20,490 square meters of taxi-
6 way and apron, 8,230 square meters of paved shoulders,
7 10,650 square meters of hangar pads, and 3,900 square
8 meters of cargo apron.

9 (d) SCOTT AIR FORCE BASE.—The table in section
10 4601 of the Military Construction Authorization Act for
11 Fiscal Year 2017 (division B of Public Law 114–328; 130
12 Stat. 2877) is amended in the item relating to Scott Air
13 Force Base, Illinois, by striking “Consolidated Corrosion
14 Facility add/alter” in the project title column and insert-
15 ing “Consolidated Communication Facility add/alter”.

16 **SEC. 2306. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
17 **FISCAL YEAR 2015 PROJECTS.**

18 (a) EXTENSION.—Notwithstanding section 2002 of
19 the Military Construction Authorization Act for Fiscal
20 Year 2015 (division B of Public Law 113–291; 128 Stat.
21 3669), the authorizations set forth in the table in sub-
22 section (b), as provided in section 2301 of that Act (128
23 Stat. 3679), shall remain in effect until October 1, 2018,
24 or the date of the enactment of an Act authorizing funds

1 for military construction for fiscal year 2019, whichever
 2 is later.

3 (b) TABLE.—The table referred to in subsection (a)
 4 is as follows:

Air Force: Extension of 2015 Project Authorizations

State or Country	Installation or Location	Project	Amount
Alaska	Clear Air Force Station	Emergency Power Plant Fuel Storage	\$11,500,000
Oklahoma	Tinker Air Force Base	KC-46 Two-Bay Maintenance Hangar	\$63,000,000

5 **TITLE XXIV—DEFENSE AGEN-**
 6 **CIES MILITARY CONSTRU-**
 7 **CTION**

8 **SEC. 2401. AUTHORIZED DEFENSE AGENCIES CONSTRU-**
 9 **CTION AND LAND ACQUISITION PROJECTS.**

10 (a) INSIDE THE UNITED STATES.—Using amounts
 11 appropriated pursuant to the authorization of appropria-
 12 tions in section 2403(a) and available for military con-
 13 struction projects inside the United States as specified in
 14 the funding table in section 4601, the Secretary of De-
 15 fense may acquire real property and carry out military
 16 construction projects for the installations or locations in-
 17 side the United States, and in the amounts, set forth in
 18 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

Defense Agencies: Inside the United States—Continued

State	Installation or Location	Amount
Florida	Eglin Air Force Base	\$9,100,000
	Hurlburt Field	\$46,400,000
Georgia	Fort Gordon	\$10,350,000
Hawaii	Kunua	\$5,000,000
Missouri	Fort Leonard Wood	\$261,941,000
	St. Louis	\$381,000,000
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
South Carolina	Shaw Air Force Base	\$22,900,000
Texas	Fort Bliss	\$8,300,000
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
Worldwide Unspec- ified	Unspecified Worldwide Locations	\$64,364,000

1 (b) OUTSIDE THE UNITED STATES.—Using amounts
2 appropriated pursuant to the authorization of appropria-
3 tions in section 2403(a) and available for military con-
4 struction projects outside the United States as specified
5 in the funding table in section 3002, the Secretary of De-
6 fense may acquire real property and carry out military
7 construction projects for the installations or locations out-
8 side the United States, and in the amounts, set forth in
9 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
Guam	Andersen Air Force Base	\$23,900,000
Italy	Sigonella	\$22,400,000
	Vicenza	\$62,406,000
Japan	Iwakuni	\$30,800,000
	Kadena Air Base	\$27,573,000
	Okinawa	\$11,900,000
	Sasebo	\$45,600,000
	Torii Commo Station	\$25,323,000
Puerto Rico	Punta Borinquen	\$61,071,000

Defense Agencies: Outside the United States—Continued

Country	Installation or Location	Amount
United Kingdom	Menwith Hill Station	\$11,000,000

1 **SEC. 2402. AUTHORIZED ENERGY CONSERVATION**
2 **PROJECTS.**

3 Using amounts appropriated pursuant to the author-
4 ization of appropriations in section 2403(a) and available
5 for energy conservation projects as specified in the funding
6 table in section 4601, the Secretary of Defense may carry
7 out energy conservation projects under chapter 173 of title
8 10, United States Code, in the amount set forth in the
9 table.

10 **SEC. 2403. AUTHORIZATION OF APPROPRIATIONS, DE-**
11 **FENSE AGENCIES.**

12 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds
13 are hereby authorized to be appropriated for fiscal years
14 beginning after September 30, 2017, for military con-
15 struction, land acquisition, and military family housing
16 functions of the Department of Defense (other than the
17 military departments), as specified in the funding table
18 in section 4601.

19 (b) **LIMITATION ON TOTAL COST OF CONSTRUCTION**
20 **PROJECTS.**—Notwithstanding the cost variations author-
21 ized by section 2853 of title 10, United States Code, and
22 any other cost variation authorized by law, the total cost
23 of all projects carried out under section 2401 of this Act

1 may not exceed the total amount authorized to be appro-
2 priated under subsection (a), as specified in the funding
3 table in section 4601.

4 **SEC. 2404. MODIFICATION OF AUTHORITY TO CARRY OUT**
5 **CERTAIN FISCAL YEAR 2017 PROJECT.**

6 In the case of the authorization in the table in section
7 2401(b) of the Military Construction Authorization Act
8 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
9 2700) for Kaiserslautern, Germany, for construction of
10 the Sembach Elementary/Middle School Replacement, the
11 Secretary of Defense may construct an elementary school.

12 **SEC. 2405. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
13 **FISCAL YEAR 2014 PROJECTS.**

14 (a) EXTENSION.—Notwithstanding section 2002 of
15 the Military Construction Authorization Act for Fiscal
16 Year 2014 (division B of Public Law 113–66; 127 Stat.
17 985), the authorizations set forth in the table in sub-
18 section (b), as provided in section 2401 of that Act (127
19 Stat. 995) and extended by section 2406 of the Military
20 Construction Authorization Act for Fiscal Year 2017 (di-
21 vision B of Public Law 114–328; 130 Stat. 2702), shall
22 remain in effect until October 1, 2018, or the date of the
23 enactment of an Act authorizing funds for military con-
24 struction for fiscal year 2019, whichever is later.

1 (b) TABLE.—The table referred to in subsection (a)
 2 is as follows:

Defense Agencies: Extension of 2014 Project Authorizations

State/Country	Installation or Location	Project	Amount
United Kingdom	RAF Lakenheath	Lakenheath Middle/High School Replacement	\$69,638,000
Virginia	Marine Corps Base Quantico	Quantico Middle/High School Replacement	\$40,586,000
	Pentagon	PFPFA Support Operations Center	\$14,800,000

3 **SEC. 2406. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
 4 **FISCAL YEAR 2015 PROJECTS.**

5 (a) EXTENSION.—Notwithstanding section 2002 of
 6 the Military Construction Authorization Act for Fiscal
 7 Year 2015 (division B of Public Law 113–291; 128 Stat.
 8 3669), the authorizations set forth in the table in sub-
 9 section (b), as provided in section 2401 of that Act (128
 10 Stat. 3681), shall remain in effect until October 1, 2018,
 11 or the date of the enactment of an Act authorizing funds
 12 for military construction for fiscal year 2019, whichever
 13 is later.

14 (b) TABLE.—The table referred to in subsection (a)
 15 is as follows:

Defense Agencies: Extension of 2015 Project Authorizations

State/Country	Installation or Location	Project	Amount
Australia	Geraldton	Combined Communications Gateway Geraldton	\$9,600,000
Belgium	Brussels	Brussels Elementary/High School Replacement	\$41,626,000

Defense Agencies: Extension of 2015 Project Authorizations—
Continued

State/Country	Installation or Location	Project	Amount
Japan	Okinawa	Kubasaki High School Replacement/Renovation ...	\$99,420,000
	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

1 North Atlantic Treaty Organization as a result of con-
 2 struction previously financed by the United States.

3 **SEC. 2502. AUTHORIZATION OF APPROPRIATIONS, NATO.**

4 Funds are hereby authorized to be appropriated for
 5 fiscal years beginning after September 30, 2017, for con-
 6 tributions by the Secretary of Defense under section 2806
 7 of title 10, United States Code, for the share of the United
 8 States of the cost of projects for the North Atlantic Treaty
 9 Organization Security Investment Program authorized by
 10 section 2501 as specified in the funding table in section
 11 4601.

12 **Subtitle B—Host Country In-kind**
 13 **Contributions**

14 **SEC. 2511. REPUBLIC OF KOREA FUNDED CONSTRUCTION**
 15 **PROJECTS.**

16 Pursuant to agreement with the Republic of Korea
 17 for required in-kind contributions, the Secretary of De-
 18 fense may accept military construction projects for the in-
 19 stallations or locations, and in the amounts, set forth in
 20 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

Republic of Korea Funded Construction Projects—Continued

Country	Component	Installation or Location	Project	Amount
	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 authoriza-
13 tion contained in the table in section 2511 of the Military
14 Construction Authorization Act for Fiscal Year 2017 (di-
15 vision B of Public Law 114–328; 130 Stat. 2704) for the
16 K–16 Air Base, Republic of Korea, for renovation of the
17 Special Operations Forces (SOF) Operations Facility, B–
18 606, the Secretary of Defense may renovate an operations
19 administration area of 5,500 square meters.

1 **TITLE XXVI—GUARD AND**
 2 **RESERVE FORCES FACILITIES**
 3 **Subtitle A—Project Authorizations**
 4 **and Authorization of Appropria-**
 5 **tions**

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	Mission Training Center Gowen	\$9,000,000
	Orchard Training Area	\$22,000,000
Iowa	Camp Dodge	\$8,500,000
Kansas	Fort Leavenworth	\$19,000,000
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 Belvoir	\$15,000,000
	Fort Pickett	\$4,550,000
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
Delaware	Newark	\$19,500,000
Ohio	Wright-Patterson Air Force Base	\$9,100,000
Puerto Rico	Aguadilla	\$12,400,000
Washington	Joint Base Lewis-McChord	\$30,000,000
Wisconsin	Fort McCoy	\$13,000,000

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 CONSTRUC-**
2 **TION 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 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	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
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

11 **SEC. 2605. AUTHORIZED AIR FORCE RESERVE CONSTRUC-**
12 **TION AND LAND ACQUISITION PROJECTS.**

13 (a) LOCATIONS INSIDE THE UNITED STATES.—
14 Using amounts appropriated pursuant to the authoriza-

1 tion of appropriations in section 2606 and available for
 2 the National Guard and Reserve as specified in the fund-
 3 ing table in section 4601, the Secretary of the Air Force
 4 may acquire real property and carry out military construc-
 5 tion projects for the Air Force Reserve locations inside
 6 the United States, and in the amounts, set forth in the
 7 following table:

Air Force Reserve: Inside the United States

State	Location	Amount
Florida	Patrick Air Force Base	\$25,000,000
Georgia	Robins Air Force Base	\$32,000,000
Hawaii	Joint Base Pearl Harbor-Hickam	\$5,500,000
Utah	Hill Air Force Base	\$3,100,000
Massachusetts	Westover Air Reserve Base	\$61,100,000
Minnesota	Minneapolis-St. Paul International Airport.	\$9,000,000
North Carolina	Seymour Johnson Air Force Base	\$6,400,000
Texas	Naval Air Station Joint Reserve Base Fort Worth.	\$3,100,000

8 (b) LOCATIONS OUTSIDE THE UNITED STATES.—
 9 Using amounts appropriated pursuant to the authoriza-
 10 tion 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 Air Force
 13 may acquire real property and carry out military construc-
 14 tion projects for the Air Force Reserve location outside
 15 the United States, and in the amount, set forth in the
 16 following table:

Air Force Reserve: Outside the United States

Country	Location	Amount
Guam	Joint Region Marianas	\$5,200,000

1 **SEC. 2606. AUTHORIZATION OF APPROPRIATIONS, NA-**
2 **TIONAL GUARD AND RESERVE.**

3 Funds are hereby authorized to be appropriated for
4 fiscal years beginning after September 30, 2017, for the
5 costs of acquisition, architectural and engineering services,
6 and construction of facilities for the Guard and Reserve
7 Forces, and for contributions therefor, under chapter
8 1803 of title 10, United States Code (including the cost
9 of acquisition of land for those facilities), as specified in
10 the funding table in section 4601.

11 **Subtitle B—Other Matters**

12 **SEC. 2611. MODIFICATION OF AUTHORITY TO CARRY OUT**
13 **CERTAIN FISCAL YEAR 2015 PROJECT.**

14 In the case of the authorization contained in the table
15 in section 2602 of the Military Construction Authorization
16 Act for Fiscal Year 2015 (division B of Public Law 113–
17 291; 128 Stat. 3688) for Starkville, Mississippi, for con-
18 struction of an Army Reserve Center at that location, the
19 Secretary of the Army may acquire approximately fifteen
20 acres (653,400 square feet) of land.

21 **SEC. 2612. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
22 **FISCAL YEAR 2014 PROJECTS.**

23 (a) **EXTENSION.**—Notwithstanding section 2002 of
24 the Military Construction Authorization Act for Fiscal
25 Year 2014 (division B of Public Law 113–66; 127 Stat.
26 985), the authorizations set forth in the table in sub-

1 section (b), as provided in section 2602, 2604, and 2605
 2 of that Act (127 Stat. 1001, 1002), shall remain in effect
 3 until October 1, 2018, or the date of the enactment of
 4 an Act authorizing funds for military construction for fis-
 5 cal year 2019, whichever is later.

6 (b) TABLE.—The table referred to in subsection (a)
 7 is as follows:

**National Guard and Reserve: Extension of 2014 Project
 Authorizations**

State	Installation or Loca- tion	Project	Amount
Florida	Homestead Air Reserve Base	Entry Control Com- plex	\$9,800,000
Maryland	Fort Meade	175th Network War- fare Squadron Fa- cility	\$4,000,000
New York	Bullville	Army Reserve Center	\$14,500,000

8 **SEC. 2613. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
 9 **FISCAL YEAR 2015 PROJECTS.**

10 (a) EXTENSION.—Notwithstanding section 2002 of
 11 the Military Construction Authorization Act for Fiscal
 12 Year 2015 (division B of Public Law 113–291; 128 Stat.
 13 3669), the authorizations set forth in the table in sub-
 14 section (b), as provided in sections 2602 and 2604 of that
 15 Act (128 Stat. 3688, 3689), shall remain in effect until
 16 October 1, 2018, or the date of the enactment of an Act
 17 authorizing funds for military construction for fiscal year
 18 2019, whichever is later.

19 (b) TABLE.—The table referred to in subsection (a)
 20 is as follows:

Army Reserve: Extension of 2015 Project Authorizations

State	Location	Project	Amount
Mississippi	Starkville	Army Reserve Center	\$9,300,000
New Hampshire	Pease International Trade Port	KC-46A ADAL Air- field Pavements and Hydrant Sys- tems	\$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.

1 **SEC. 2702. PROHIBITION ON CONDUCTING ADDITIONAL**
 2 **BASE REALIGNMENT AND CLOSURE (BRAC)**
 3 **ROUND.**

4 Nothing in this Act shall be construed to authorize
 5 an additional Base Realignment and Closure (BRAC)
 6 round.

7 **TITLE XXVIII—MILITARY CON-**
 8 **STRUCTION AND GENERAL**
 9 **PROVISIONS**

10 **Subtitle A—Military Construction**
 11 **Program and Military Family**
 12 **Housing Changes**

13 **SEC. 2801. AUTHORITY TO USE EXPIRING FUNDS FOR CER-**
 14 **TAIN MILITARY CONSTRUCTION PROJECTS.**

15 (a) **ARMY AUTHORITY TO PURCHASE PROPERTY FOR**
 16 **EXPANSION OF CEMETERIES.**—Subchapter I of chapter
 17 169 of title 10, United States Code, is amended by adding
 18 at the end the following new section:

19 **“§ 2815. Army authority to use expiring funds to pur-**
 20 **chase property for expansion of ceme-**
 21 **teries**

22 “Of funds appropriated after the date of the enact-
 23 ment of this Act for the Army that remain unobligated
 24 and are due to expire at the end of the fiscal year, up
 25 to \$10,000,000 may be available for the Secretary of the
 26 Army for the following fiscal year to purchase public or

1 private property for the sole purpose of long-term expan-
 2 sion of cemeteries under the jurisdiction of the Sec-
 3 retary.”.

4 (b) NAVY AUTHORITY TO PURCHASE PROPERTY FOR
 5 ENHANCING INSTALLATION SECURITY.—Subchapter I of
 6 chapter 169 of title 10, United States Code, as amended
 7 by subsection (a), is further amended by adding at the
 8 end the following new section:

9 **“§ 2816. Navy authority to use expiring funds to pur-
 10 chase property for enhancing installation
 11 security**

12 “Of funds appropriated after the date of the enact-
 13 ment of this Act for the Navy that remain unobligated
 14 and are due to expire at the end of the fiscal year, up
 15 to \$10,000,000 may be available for the Secretary of the
 16 Navy for the following fiscal year to purchase public or
 17 private property that is otherwise in an area surrounded
 18 by a military installation under the jurisdiction of the Sec-
 19 retary of the Navy for the purpose of enhancing the secu-
 20 rity of the installation.”.

21 (c) CLERICAL AMENDMENT.—The table of sections
 22 at the beginning of such subchapter is amended by insert-
 23 ing after the item relating to section 2814 the following
 24 new items:

“2815. Army authority to use expiring funds to purchase property for expansion
 of cemeteries.

“2816. Navy authority to use expiring funds to purchase property for enhancing installation security.”.

1 **SEC. 2802. EXTENSION OF TEMPORARY, LIMITED AUTHOR-**
2 **ITY TO USE OPERATION AND MAINTENANCE**
3 **FUNDS FOR CONSTRUCTION PROJECTS IN**
4 **CERTAIN AREAS OUTSIDE THE UNITED**
5 **STATES.**

6 (a) EXTENSION OF AUTHORITY.—Subsection (h) of
7 section 2808 of the Military Construction Authorization
8 Act for Fiscal Year 2004 (division B of Public Law 108–
9 136; 117 Stat. 1723), as most recently amended by sec-
10 tion 2804 of the Military Construction Authorization Act
11 for Fiscal Year 2017 (Public Law 114–328), is amend-
12 ed—

13 (1) in paragraph (1), by striking “December
14 31, 2017” and inserting “December 31, 2018”; and

15 (2) in paragraph (2), by striking “fiscal year
16 2018” and inserting “fiscal year 2019”.

17 (b) LIMITATION ON USE OF AUTHORITY.—Sub-
18 section (c)(1) of such section 2808 is amended—

19 (1) by striking “October 1, 2016” and inserting
20 “October 1, 2017”;

21 (2) by striking “December 31, 2017” and in-
22 serting “December 31, 2018”; and

23 (3) by striking “fiscal year 2018” and inserting
24 “fiscal year 2019”.

1 **Subtitle B—Real Property and**
2 **Facilities Administration**

3 **SEC. 2811. AUTHORITY TO USE ENERGY COST SAVINGS FOR**
4 **ENERGY RESILIENCE, MISSION ASSURANCE,**
5 **AND WEATHER DAMAGE REPAIR AND PRE-**
6 **VENTION MEASURES.**

7 Section 2912(b)(1) of title 10, United States Code,
8 is amended by striking “energy conservation and” and in-
9 serting “energy resilience, mission assurance, weather
10 damage repair and prevention, energy conservation, and”.

11 **SEC. 2812. MODIFICATION OF UNSPECIFIED MINOR MILI-**
12 **TARY CONSTRUCTION PROJECT AUTHORITY**
13 **TO COVER CORRECTION OF DEFICIENCIES**
14 **THAT ARE THREATS TO INSTALLATION RE-**
15 **SILIENCE.**

16 Section 2805(a)(2) of title 10, United States Code,
17 is amended by striking “or safety-threatening” and insert-
18 ing “safety-threatening, or a threat to the military mission
19 and installation’s resilience”.

1 **SEC. 2813. LAND EXCHANGE VALUATION OF PROPERTY**
2 **WITH REDUCED DEVELOPMENT THAT LIMITS**
3 **ENCROACHMENT ON MILITARY INSTALLA-**
4 **TIONS.**

5 (a) IN GENERAL.—Chapter 159 of title 10, United
6 States Code, is amended by adding at the end the fol-
7 lowing new section:

8 **“§ 2698. Land exchange valuation of property with re-**
9 **duced development that limits encroach-**
10 **ment on military installations**

11 “For purposes of calculating the fair market value
12 of a parcel of real property to be conveyed to the Depart-
13 ment of Defense as part of a land exchange, any reduction
14 in value of the real property due to voluntary actions taken
15 by the public or private owner of such property to limit
16 encroachment on a military installation or otherwise limit
17 development shall not be taken into account.”.

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 2697 the following new
21 item:

“2698. Land exchange valuation of property with reduced develop-
ment that limits encroachment on military installations.”.

1 **SEC. 2814. TREATMENT OF STORM WATER COLLECTION**
2 **SYSTEMS AS UTILITY SYSTEMS.**

3 Section 2688(i)(1) of title 10, United States Code,
4 is amended—

5 (1) by redesignating subparagraphs (D), (E),
6 and (F) as subparagraphs (E), (F), and (G), respec-
7 tively; and

8 (2) by inserting after subparagraph (C) the fol-
9 lowing new subparagraph:

10 “(D) A system for the collection or treatment
11 of storm water.”.

12 **SEC. 2815. ACCESS TO MILITARY INSTALLATIONS BY**
13 **TRANSPORTATION NETWORK COMPANIES.**

14 Section 346 of the National Defense Authorization
15 Act for Fiscal Year 2017 (Public Law 114–328) is amend-
16 ed—

17 (1) in the section heading, by inserting “**AND**
18 **TRANSPORTATION NETWORK COMPANIES**” after
19 “**TRANSPORTATION COMPANIES**”;

20 (2) in subsections (b), (c), and (d), by inserting
21 “or transportation network company” after “trans-
22 portation company” each places it appears;

23 (3) in subsection (b)(7), by inserting “and
24 transportation network companies” after “transpor-
25 tation companies”; and

26 (4) in subsection (d)—

1 (A) by redesignating paragraph (2) as
2 paragraph (3);

3 (B) by striking paragraph (1) and insert-
4 ing the following new paragraphs:

5 “(1) TRANSPORTATION COMPANY.—The term
6 ‘transportation company’ means a corporation, part-
7 nership, sole proprietorship, or other entity outside
8 of the Department of Defense that provides a com-
9 mercial transportation service to a rider.

10 “(2) TRANSPORTATION NETWORK COMPANY.—
11 The term ‘transportation network company’—

12 “(A) means a corporation, partnership,
13 sole proprietorship, or other entity, that uses a
14 digital network to connect riders to covered
15 drivers in order for the driver to transport the
16 rider using a vehicle owned, leased, or otherwise
17 authorized for use by the driver to a point cho-
18 sen by the rider; and

19 “(B) does not include a shared-expense
20 carpool or vanpool arrangement that is not in-
21 tended to generate profit for the driver.”; and

22 (C) in subparagraph (A)(i) of paragraph
23 (3), as redesignated by subparagraph (A) of
24 this paragraph, by inserting “or transportation

1 network company” after “transportation com-
2 pany”.

3 **Subtitle C—Land Conveyances**

4 **SEC. 2821. LAND CONVEYANCE, NATICK SOLDIER SYSTEMS** 5 **CENTER, MASSACHUSETTS.**

6 (a) CONVEYANCE AUTHORIZED.—The Secretary of
7 the Army may convey all right, title, and interest of the
8 United States in and to parcels of real property, including
9 improvements thereon, consisting of approximately 98
10 acres located in the vicinity of Hudson, Wayland, and
11 Needham, Massachusetts, that are the sites of military
12 family housing supporting military personnel assigned to
13 the U.S. Army Natick Soldier Systems Center.

14 (b) COMPETITIVE SALE REQUIREMENT.—The Sec-
15 retary shall use competitive procedures for the conveyance
16 authorized under subsection (a).

17 (c) CONSIDERATION.—

18 (1) CONSIDERATION REQUIRED.—The Sec-
19 retary shall require as consideration for the convey-
20 ance under subsection (a), whether by in-kind con-
21 sideration, or a combination of cash and in-kind con-
22 sideration, an amount that is not less than the fair
23 market value of the conveyed property, as deter-
24 mined pursuant to an appraisal acceptable to the
25 Secretary.

1 (2) IN-KIND CONSIDERATION.—

2 (A) IN GENERAL.—As determined by the
3 Secretary, in-kind consideration under para-
4 graph (1) shall include—

5 (i) demolition of existing military fam-
6 ily housing on the U.S. Army Natick Sol-
7 dier Systems Center (other than housing
8 on property conveyed under subsection (a))
9 that the Secretary determines necessary to
10 accommodate construction of military fam-
11 ily housing or unaccompanied soldier hous-
12 ing to support military personnel assigned
13 to the U.S. Army Natick Soldier Systems
14 Center;

15 (ii) construction or renovation of mili-
16 tary family housing or unaccompanied sol-
17 dier housing, other than general officer
18 housing, to support military personnel as-
19 signed to the U.S. Army Natick Soldier
20 Systems Center; or

21 (iii) construction of ancillary sup-
22 porting facilities (as that term is defined in
23 section 2871(1) of title 10, United States
24 Code) to support military personnel as-

1 signed to the U.S. Army Natick Soldier
2 Systems Center.

3 (B) IN-KIND CONSIDERATION EXCEEDING
4 \$1,000,000.—If the value of in-kind consideration
5 to be provided under this subsection exceeds
6 \$1,000,000, the Secretary may not accept such
7 consideration until 21 days after the date the
8 Secretary notifies the congressional defense
9 committees of the decision of the Secretary to
10 accept in-kind consideration in excess of that
11 amount.

12 (3) CASH PAYMENTS.—

13 (A) CASH PAYMENTS DEPOSITED IN A SPE-
14 CIAL ACCOUNT.—Cash payments provided as
15 consideration under this subsection shall be de-
16 posited in a special account in the Treasury es-
17 tablished for the Secretary.

18 (B) USE OF FUNDS IN SPECIAL AC-
19 COUNT.—The Secretary is authorized to use
20 funds deposited in the special account estab-
21 lished under subparagraph (A) for—

22 (i) demolition of existing military fam-
23 ily housing; or

1 (ii) construction or renovation of mili-
2 tary family housing or unaccompanied sol-
3 dier housing to support military personnel.

4 (C) CASH CONSIDERATION NOT USED
5 PRIOR TO OCTOBER 1, 2022.—Cash payments
6 provided as consideration under this subsection
7 that are received by the Secretary and not used
8 by the Secretary for purposes authorized by
9 subparagraph (B) prior to October, 1, 2022,
10 shall be transferred to an account in the Treas-
11 ury established pursuant to section 2883 of title
12 10, United States Code.

13 (d) PAYMENT OF COSTS OF CONVEYANCE.—

14 (1) PAYMENT REQUIRED.—The Secretary shall
15 require the party to whom property is conveyed
16 under subsection (a) (in this section referred to as
17 the “purchaser”) to cover all costs to be incurred by
18 the Secretary, or to reimburse the Secretary for
19 costs incurred by the Secretary, to carry out the
20 conveyance under this section, including survey
21 costs, costs for environmental documentation, and
22 any other administrative costs related to the convey-
23 ance. If amounts are collected from the purchaser in
24 advance of the Secretary incurring the actual costs,
25 and the amount collected exceeds the costs actually

1 incurred by the Secretary to carry out the convey-
2 ance, the Secretary shall refund the excess amount
3 to the purchaser.

4 (2) TREATMENT OF AMOUNTS RECEIVED.—
5 Amounts received under paragraph (1) as reim-
6 bursement for costs incurred by the Secretary to
7 carry out the conveyance under subsection (a) shall
8 be credited to the fund or account that was used to
9 cover the costs incurred by the Secretary in carrying
10 out the conveyance, or to an appropriate fund or ac-
11 count currently available to the Secretary for the
12 purposes for which the costs were paid. Amounts so
13 credited shall be merged with amounts in such fund
14 or account and shall be available for the same pur-
15 poses, and subject to the same conditions and limita-
16 tions, as amounts in such fund or account.

17 (e) DESCRIPTION OF PARCELS.—The exact acreage
18 and legal description of the parcels to be conveyed under
19 subsection (a) shall be determined by a survey that is sat-
20 isfactory to the Secretary. The cost of the survey shall be
21 borne by the purchaser.

22 (f) ADDITIONAL TERMS AND CONDITIONS.—The Sec-
23 retary may require such additional terms and conditions
24 in connection with the conveyance under subsection (a) as

1 the Secretary considers appropriate to protect the interest
2 of the United States.

3 (g) APPLICATION OF OTHER LAWS.—The conveyance
4 of property under this section shall not be subject to—

5 (1) section 501 of the McKinney-Vento Home-
6 less Assistance Act (42 U.S.C. 11411); and

7 (2) subtitle I of title 40, and division C (except
8 section 3302, 3501(b), 3509, 3906, 4710, and 4711)
9 of subtitle I of title 41, United States Code.

10 **SEC. 2822. LAND CONVEYANCE, ARMY AND AIR FORCE EX-**
11 **CHANGE SERVICE PROPERTY, DALLAS,**
12 **TEXAS.**

13 (a) CONVEYANCE AUTHORIZED.—The Secretary of
14 Defense may authorize the Army and Air Force Exchange
15 Service, a nonappropriated fund instrumentality of the
16 United States, to sell and convey all right, title, and inter-
17 est of the United States in and to a parcel of real property,
18 including improvements thereon, consisting of approxi-
19 mately 7.857 acres located at 8901 Autobahn Drive, Dal-
20 las, Texas.

21 (b) CONSIDERATION.—As consideration for the con-
22 veyance under subsection (a), the purchaser shall pay the
23 United States, in a single lump sum payment, an amount
24 equal to the fair market value of the real property, as de-

1 terminated pursuant to an appraisal acceptable to the Sec-
2 retary.

3 (c) TREATMENT OF CONSIDERATION.—Section
4 574(a) of title 40, United States Code, shall apply to the
5 consideration received under subsection (b).

6 (d) DESCRIPTION OF PROPERTY.—The exact acreage
7 and legal description of the property to be conveyed under
8 subsection (a) shall be determined by a survey satisfactory
9 to the Secretary. The cost of the survey shall be borne
10 by the purchaser.

11 (e) ADDITIONAL TERMS AND CONDITIONS.—The
12 Secretary may require such additional terms and condi-
13 tions in connection with the conveyance under subsection
14 (a) as the Secretary considers appropriate to protect the
15 interests of the United States.

16 (f) INAPPLICABILITY OF CERTAIN PROVISIONS OF
17 LAW.—The conveyance of property under this section
18 shall not be subject to section 2696 of title 10, United
19 States Code.

20 **SEC. 2823. LAND CONVEYANCES, CERTAIN FORMER PEACE-**
21 **KEEPER ICBM FACILITIES IN WYOMING.**

22 (a) CONVEYANCES AUTHORIZED.—The Secretary of
23 the Air Force may convey, without consideration, to the
24 Wyoming Department of State Parks and Cultural Re-
25 sources (in this section referred to as the “Depart-

1 ment”) all right, title and interest of the United States
2 in and to parcels of real property, together with any im-
3 provements thereon, consisting of the missile alert facility
4 and launch control center at the Quebec #1 Missile Alert
5 Facility for the Peacekeeper ICBM facilities of the 190
6 Missile Group at F.E. Warren Air Force Base, Wyoming,
7 for the purpose of establishing a historical site allowing
8 for the preservation, protection, and interpretation of the
9 facilities.

10 (b) CONSULTATION.—The Secretary shall consult
11 with the Secretary of State and the Secretary of Defense
12 in order to ensure that the conveyances required in sub-
13 section (a) are carried out in accordance with applicable
14 treaties.

15 (c) COMPLIANCE WITH TREATY AND PROGRAMMATIC
16 AGREEMENT.—The land conveyance under subsection (a)
17 will enable the United States Air Force to comply with
18 the terms of the Programmatic Agreement Between
19 Francis E. Warren Air Force Base, And The Wyoming
20 State Historic Preservation Officer, Regarding The Imple-
21 mentation Of The Strategic Arms Reduction Treaty.

22 (d) PAYMENT OF COSTS OF CONVEYANCE.—

23 (1) PAYMENT REQUIRED.—The Secretary of
24 the Air Force shall require the Department to cover
25 costs to be incurred by the Secretary, or to reim-

1 burse the Secretary for such costs incurred by the
2 Secretary, to carry out the conveyance under sub-
3 section (a), including survey costs, costs for environ-
4 mental documentation, and any other administrative
5 costs related to the conveyance. If amounts are col-
6 lected from the Department in advance of the Sec-
7 retary incurring the actual costs, and the amount
8 collected exceeds the costs actually incurred by the
9 Secretary to carry out the conveyance, the Secretary
10 shall refund the excess amount to the Department.

11 (2) TREATMENT OF AMOUNTS RECEIVED.—
12 Amounts received as reimbursement under para-
13 graph (1) shall be credited to the fund or account
14 that was used to cover those costs incurred by the
15 Secretary in carrying out the conveyance or, if such
16 fund or account has expired at the time of credit, to
17 an appropriate appropriation, fund, or account cur-
18 rently available to the Secretary for the purposes for
19 which the expenses were paid. Amounts so credited
20 shall be merged with amounts in such fund or ac-
21 count, and shall be available for the same purposes,
22 and subject to the same conditions and limitations,
23 as amounts in such fund or account.

24 (e) DESCRIPTION OF PROPERTY.—The exact acreage
25 and legal description of the property to be conveyed under

1 subsection (a) shall be determined by a survey satisfactory
2 to the Secretary.

3 (f) ENVIRONMENTAL CONCERNS.—The United
4 States Air Force shall retain liability for all environmental
5 closure and reclamation obligations that exist as of the
6 date of the conveyance under subsection (a).

7 (g) ADDITIONAL TERMS AND CONSIDERATIONS.—
8 The Secretary may require such additional terms and con-
9 ditions in connection with the conveyance under subsection
10 (a) as the Secretary considers appropriate to protect the
11 interests of the United States.

12 **SEC. 2824. LAND EXCHANGE, NAVAL INDUSTRIAL ORD-**
13 **NANCE RESERVE PLANT, SUNNYVALE, CALI-**
14 **FORNIA.**

15 (a) LAND EXCHANGE AUTHORIZED.—The Secretary
16 of the Navy (“Secretary”) may convey to an entity (“Ex-
17 change Entity”) all right, title, and interest of the United
18 States in and to the parcel of real property, including im-
19 provements thereon, comprising the Naval Industrial Re-
20 serve Ordnance Plant (NIROP) located in Sunnyvale,
21 California in exchange for property interests that meet the
22 readiness requirements of the Department of the Navy,
23 as determined by the Secretary.

24 (b) LAND EXCHANGE AGREEMENT.—Exchange of
25 the real property identified in subsection (a) shall be gov-

1 earned by a land exchange agreement that identifies the
2 property interests to be exchanged pursuant to this sec-
3 tion, the time period in which the exchange will occur, and
4 the roles and responsibilities of the Secretary and the Ex-
5 change Entity in effecting the land exchange.

6 (c) COVENANTS AND RESTRICTIONS.—The convey-
7 ance under subsection (a) shall be subject to the condition
8 that the Exchange Entity accepts the NIROP real prop-
9 erty with the covenants, restrictions, and other clauses re-
10 quired by section 120(h) of the Comprehensive Environ-
11 mental Response, Compensation, and Liability Act of
12 1980 (42 U.S.C. 9620(h)).

13 (d) VALUATION.—The value of the property interests
14 to be exchanged by the Secretary and the Exchange Entity
15 pursuant to this section shall be determined—

16 (1) by an independent appraiser selected by the
17 Secretary; and

18 (2) in accordance with the Uniform Appraisal
19 Standards for Federal Land Acquisitions and the
20 Uniform Standards of Professional Appraisal Prac-
21 tice.

22 (e) CASH EQUALIZATION PAYMENT.—

23 (1) EQUALIZATION REQUIRED.—If the value of
24 the NIROP property is greater than the value of the
25 Exchange Entity property exchanged under sub-

1 section (a), the values shall be equalized through a
2 cash equalization payment from the Exchange Enti-
3 ty to the Department of the Navy.

4 (2) NO EQUALIZATION REQUIRED.—If the value
5 of the Exchange Entity property exchanged under
6 subsection (a) is greater than the value of the
7 NIROP property, the Secretary shall not make a
8 cash equalization payment to equalize the values.

9 (f) PAYMENT OF COSTS OF CONVEYANCE.—

10 (1) PAYMENT REQUIRED.—The Secretary shall
11 require the Exchange Entity to pay costs incurred
12 by the Department of the Navy to carry out the ex-
13 change of property interests pursuant to this section,
14 including survey costs, costs for environmental docu-
15 mentation, review of replacement facilities design,
16 real estate due diligence, including appraisals, relo-
17 cation of activities and facilities from Sunnyvale,
18 California to the replacement facilities, and any
19 other administrative costs related to the exchange of
20 property interests. If amounts are collected from the
21 Exchange Entity in advance of the Secretary incur-
22 ring the actual costs and the amount collected ex-
23 ceeds the costs actually incurred by the Secretary to
24 carry out the exchange of property interests, the

1 Secretary shall refund the excess amount to the Ex-
2 change Entity.

3 (2) TREATMENT OF AMOUNTS RECEIVED.—

4 Amounts received under paragraph (1) above shall
5 be credited and made available to the Secretary in
6 accordance with section 2695(c) of title 10, United
7 States Code.

8 (g) DESCRIPTION OF PROPERTY.—The exact acreage
9 and legal description of the real property to be exchanged
10 pursuant to this section shall be determined by surveys
11 satisfactory to the Secretary.

12 (h) RELATION TO OTHER MILITARY CONSTRUCTION
13 REQUIREMENTS.—The acquisition of a facility using the
14 authority provided by this section shall not be treated as
15 a military construction project for which an authorization
16 is required by section 2802 of title 10, United States Code,
17 or for reporting as required by section 2662 of such title.

18 (i) INAPPLICABILITY OF SECTION 2696 OF TITLE
19 10.—The real property to be exchanged pursuant to this
20 section is exempt from the screening process required by
21 subsection 2696(b) of title 10, United States Code.

22 (j) REQUIREMENT FOR ASSESSMENT OF FEASIBILITY
23 OF TRANSFERRING CERTAIN FUNCTIONS.—The Secretary
24 may not make the conveyance authorized by this section
25 until the Secretary submits to the congressional defense

1 committees an assessment of the feasibility and advis-
2 ability of transferring, in whole or in part, functions cur-
3 rently performed at the Naval Industrial Reserve Ord-
4 nance Plant to real property already in the Navy inventory
5 and involved in supporting the fleet ballistic missile pro-
6 gram.

7 (k) **ADDITIONAL TERMS AND CONDITIONS.**—The
8 Secretary may require such additional terms and condi-
9 tions in connection with the exchange authorized by this
10 section as the Secretary considers appropriate to protect
11 the interests of the United States.

12 (l) **SUNSET PROVISION.**—The authority provided in
13 this section shall expire on October 1, 2021.

14 **SEC. 2825. LAND EXCHANGE, NAVAL AIR STATION CORPUS**
15 **CHRISTI, TEXAS.**

16 (a) **LAND EXCHANGE AUTHORIZED.**—The Secretary
17 of the Navy (in this section referred to as the “Secretary”)
18 may convey to the City of Corpus Christi, Texas (in this
19 section referred to as the “City”), all right, title, and in-
20 terest of the United States in and to a parcel of real prop-
21 erty, including improvements thereon, consisting of ap-
22 proximately 44 acres known as the Peary Place Trans-
23 mitter Site in Nueces County associated with Naval Air
24 Station Corpus Christi, Texas.

1 (b) CONSIDERATION.—As consideration for the con-
2 conveyance under subsection (a), the City shall convey to the
3 Secretary its real property interests either adjacent or
4 proximate, and causing an encroachment concern as deter-
5 mined by the Secretary, to Naval Air Station Corpus
6 Christi, Naval Outlying Landing Field Waldron and Naval
7 Outlying Landing Field Cabaniss.

8 (c) LAND EXCHANGE AGREEMENT.—The Secretary
9 and the City may enter into a land exchange agreement
10 to implement this section.

11 (d) VALUATION.—The value of each property interest
12 to be exchanged by the Secretary and the City described
13 in subsections (a) and (b) shall be determined—

14 (1) by an independent appraiser selected by the
15 Secretary; and

16 (2) in accordance with the Uniform Appraisal
17 Standards for Federal Land Acquisitions and the
18 Uniform Standards of Professional Appraisal Prac-
19 tice.

20 (e) CASH EQUALIZATION PAYMENTS.—

21 (1) TO THE SECRETARY.—If the value of the
22 property interests described in subsection (a) is
23 greater than the value of the property interests de-
24 scribed in subsection (b), the values shall be equal-

1 ized through a cash equalization payment from the
2 City to the Department of the Navy.

3 (2) NO EQUALIZATION.—If the value of the
4 property interests described in subsection (b) is
5 greater than the value of the property interests de-
6 scribed in subsection (a), the Secretary shall not
7 make a cash equalization payment to equalize the
8 values.

9 (f) PAYMENT OF COSTS OF CONVEYANCE.—

10 (1) PAYMENT REQUIRED.—The Secretary shall
11 require the City to pay costs to be incurred by the
12 Secretary to carry out the exchange of property in-
13 terests under this section, including those costs re-
14 lated to land survey, environmental documentation,
15 real estate due diligence such as appraisals, and any
16 other administrative costs related to the exchange of
17 property interests to include costs incurred pre-
18 paring and executing the land exchange agreement
19 authorized under subsection (c). If amounts are col-
20 lected from the City in advance of the Secretary in-
21 ccurring the actual costs and the amount collected ex-
22 ceeds the costs actually incurred by the Secretary to
23 carry out the exchange of property interests, the
24 Secretary shall refund the excess amount to the
25 City.

1 (2) TREATMENT OF AMOUNTS RECEIVED.—

2 Amounts received as reimbursement under para-
3 graph (1) above shall be used in accordance with
4 section 2695(c) of title 10, United States Code.

5 (g) DESCRIPTION OF PROPERTY.—The exact acreage
6 and legal description of the property interests to be ex-
7 changed under this section shall be determined by surveys
8 satisfactory to the Secretary.

9 (h) CONVEYANCE AGREEMENT.—The exchange of
10 real property interests under this section shall be accom-
11 plished using an appropriate legal instrument and upon
12 terms and conditions mutually satisfactory to the Sec-
13 retary and the City, including such additional terms and
14 conditions as the Secretary considers appropriate to pro-
15 tect the interests of the United States.

16 (i) EXEMPTION FROM SCREENING REQUIREMENTS
17 FOR ADDITIONAL FEDERAL USE.—The authority under
18 this section is exempt from the screening process required
19 under section 2696(b) of title 10, United States Code.

20 (j) SUNSET PROVISION.—The authority under this
21 section shall expire on October 1, 2019, unless the Sec-
22 retary and the City have signed a land exchange agree-
23 ment described in subsection (c).

1 **Subtitle D—Project Management**
2 **and Oversight Reforms**

3 **SEC. 2831. NOTIFICATION REQUIREMENT FOR CERTAIN**
4 **COST OVERRUNS AND SCHEDULE DELAYS.**

5 Section 2853 of title 10, United States Code, is
6 amended—

7 (1) by redesignating subsection (f) as sub-
8 section (g);

9 (2) by inserting after subsection (e) the fol-
10 lowing new subsection:

11 “(f) The Secretary of Defense shall notify the con-
12 gressional defense committees of any military construction
13 project or military family housing project that has a cost
14 overrun or schedule delay of 25 percent or more. The noti-
15 fication shall be cosigned by the Chief of Engineers or the
16 Commander of the Naval Facilities Engineering Com-
17 mand, and shall describe the specific reasons for the cost
18 increase or schedule delay, the specific organizations and
19 individuals responsible, and the actions taken to hold the
20 organizations and individuals accountable. The Comp-
21 troller General of the United States shall review the notifi-
22 cation and validate or correct as necessary the information
23 provided.”; and

1 (3) in subsection (g), as redesignated by para-
2 graph (1), by striking “subsections (a) through (e)”
3 and inserting “subsections (a) through (f)”.

4 **SEC. 2832. LIMITED AUTHORITY FOR PRIVATE SECTOR SU-**
5 **PERVISION OF MILITARY CONSTRUCTION**
6 **PROJECTS IN EVENT OF EXTENSIVE COST**
7 **OVERRUNS OR PROJECT DELAYS.**

8 Section 2851(a) of title 10, United States Code, is
9 amended—

10 (1) by striking “Each contract” and inserting
11 “(1) Except as provided under paragraph (2), each
12 contract”; and

13 (2) by adding at the end the following new
14 paragraph

15 “(2) The Secretary of Defense may arrange for pri-
16 vate sector direction and supervision of contracts other-
17 wise subject to the direction and supervision of the Chief
18 of Engineers or the Commander of the Naval Facilities
19 Engineering Command under paragraph (1) if, during the
20 most recent fiscal year for which data is available, the
21 Chief of Engineers or the Commander of the Naval Facili-
22 ties Engineering Command had cost overruns or project
23 delays of 5 percent or more on at least 10 percent of the
24 contracts for which it was responsible for directing and
25 supervising.”.

1 **SEC. 2833. ANNUAL REPORT ON COST OVERRUNS AND**
2 **SCHEDULE DELAYS.**

3 Section 2851 of title 10, United States Code, is
4 amended by adding at the end the following new sub-
5 section:

6 “(d) ANNUAL REPORT ON COST OVERRUNS AND
7 SCHEDULE DELAYS.—The Secretary of Defense shall sub-
8 mit to the congressional defense committees an annual re-
9 port on military construction projects and military family
10 housing projects that had cost overruns or schedule delays
11 of 5 percent or more.”.

12 **SEC. 2834. REPORT ON DESIGN ERRORS AND OMISSIONS**
13 **RELATED TO FORT BLISS HOSPITAL RE-**
14 **PLACEMENT PROJECT.**

15 (a) REPORT REQUIRED.—

16 (1) IN GENERAL.—Not later than December 1,
17 2017, the Secretary of Defense shall submit to the
18 congressional defense committees a report on design
19 errors and omissions related to the hospital replace-
20 ment project at Fort Bliss, Texas.

21 (2) ELEMENTS.—The report required under
22 paragraph (1) shall include the following elements:

23 (A) Identification of the “design errors”
24 and “omissions” that have been used to explain
25 the \$245,000,000, 25 percent cost increase for
26 the replacement project.

1 (B) Identification by name of any organi-
2 zation responsible for such design errors or
3 omissions.

4 (C) Identification by name of any indi-
5 vidual responsible for such design errors or
6 omissions.

7 (D) A description of the actions the Sec-
8 retary of Defense has taken to hold the organi-
9 zations and individuals referred to in subpara-
10 graphs (B) and (C) accountable for such design
11 errors and omissions.

12 (b) LIMITATION.—Of the funds appropriated or oth-
13 erwise made available for the hospital replacement project
14 at Fort Bliss, Texas, \$50,000,000 may not be obligated
15 or expended for the project until the Secretary of Defense
16 submits to the congressional defense committees—

17 (1) the report required under subsection (a);
18 and

19 (2) a written certification that sufficient steps
20 have been taken by the Department of Defense to
21 prevent massive cost overruns on such project in the
22 future.

1 **SEC. 2835. REPORT ON COST INCREASE AND DELAY RE-**
2 **LATED TO USSTRATCOM COMMAND AND CON-**
3 **TROL FACILITY PROJECT AT OFFUTT AIR**
4 **FORCE BASE.**

5 (a) IN GENERAL.—Not later than December 1, 2017,
6 the Secretary of Defense shall submit to the congressional
7 defense committees a report on the 16-month schedule
8 delay and 10 percent cost increase related to the United
9 States Strategic Command command and control facility
10 project at Offutt Air Force Base, Nebraska.

11 (b) ELEMENTS.—The report required under sub-
12 section (a) shall include the following elements:

13 (1) Identification by name of any organization
14 responsible for the delay and cost increase.

15 (2) Identification by name of any individual re-
16 sponsible for the delay and cost increase.

17 (3) A description of the actions the Secretary of
18 Defense has taken to hold the organizations and in-
19 dividuals referred to in paragraphs (1) and (2) ac-
20 countable for the delay and cost increase.

21 **Subtitle E—Other Matters**

22 **SEC. 2841. ANNUAL DEPARTMENT OF DEFENSE ENERGY**
23 **MANAGEMENT REPORTS.**

24 Section 2925(a) of title 10, United States Code, is
25 amended—

1 (1) in the subsection heading, by striking “RE-
2 SILIENCY” and inserting “ENERGY RESILIENCE”;

3 (2) in paragraph (1), by inserting before the pe-
4 riod at the end the following: “, including progress
5 on energy resilience at military installations accord-
6 ing to metrics developed by the Secretary.”;

7 (3) by amending paragraph (3) to read as fol-
8 lows:

9 “(3) Details of all utility outages impacting en-
10 ergy resilience at military installations (excluding
11 planned outages for maintenance reasons), whether
12 caused by on- or off-installation disruptions, includ-
13 ing the total number and location of outage, the du-
14 ration of the outage, the financial impact of the out-
15 age, whether or not the mission was impacted, the
16 mission requirements associated with disruption tol-
17 erances based on risk to mission, the responsible au-
18 thority managing the utility, and measure taken to
19 mitigate the outage by the responsible authority.”;

20 (4) by redesignating paragraph (4) as para-
21 graph (5); and

22 (5) by inserting after paragraph (3) the fol-
23 lowing new paragraph:

24 “(4) Details of a military installation’s total en-
25 ergy requirements and critical energy requirements,

1 and the current energy resilience and emergency
2 backup systems servicing critical energy require-
3 ments, including, at a minimum—

4 “(A) energy resilience and emergency
5 backup system power requirements;

6 “(B) the critical missions, facility, or facili-
7 ties serviced;

8 “(C) system service life;

9 “(D) capital, operations, maintenance, and
10 testing costs; and

11 “(E) other information the Secretary de-
12 termines necessary.”.

13 **SEC. 2842. AGGREGATION OF ENERGY EFFICIENCY AND EN-**
14 **ERGY RESILIENCE PROJECTS IN LIFE CYCLE**
15 **COST ANALYSES.**

16 The Secretary of Defense or the Secretary of a mili-
17 tary department, when conducting life cycle cost analyses
18 with respect to investments designed to lower costs and
19 reduce energy and water consumption, shall aggregate en-
20 ergy efficiency projects and energy resilience improve-
21 ments as appropriate.

1 **SEC. 2843. AUTHORITY OF THE SECRETARY OF THE AIR**
2 **FORCE TO ACCEPT LESSEE IMPROVEMENTS**
3 **AT AIR FORCE PLANT 42.**

4 (a) ACCEPTANCE OF LESSEE IMPROVEMENTS AT AIR
5 FORCE PLANT 42.—A lease of Air Force Plant 42, in
6 whole or part, may permit the lessee, with the approval
7 of the Secretary of the Air Force, to alter, expand, or oth-
8 erwise improve the plant or facility as necessary for the
9 development or production of military weapons systems,
10 munitions, components, or supplies. Such lease may pro-
11 vide, notwithstanding section 2802 of title 10, United
12 States Code, that such alteration, expansion or other im-
13 provement shall, upon completion, become the property of
14 the Federal Government, regardless of whether such alter-
15 ation, expansion, or other improvement constitutes all or
16 part of the consideration for the lease pursuant to section
17 2667(b)(5) of such title or represents a reimbursable cost
18 allocable to any contract, cooperative agreement, grant, or
19 other instrument with respect to activity undertaken at
20 Air Force Plant 42.

21 (b) CONGRESSIONAL NOTIFICATION.—When a deci-
22 sion is made to approve a project to which subsection (a)
23 applies costing more than the threshold specified under
24 section 2805(c) of such title, the Secretary of the Air
25 Force shall notify the congressional defense committees in
26 writing of that decision, the justification for the project,

1 and the estimated cost of the project. The Secretary may
2 not carry out the project until the end of the 21-day period
3 beginning on the date the congressional defense commit-
4 tees receive such notification or, if earlier, the end of the
5 14-day period beginning on the date on which a copy of
6 the notification is provided in an electronic medium pursu-
7 ant to section 480 of such title.

8 **SEC. 2844. PROHIBITION ON USE OF FUNDS FOR KWAJA-**
9 **LEIN PROJECT.**

10 None of the funds authorized to be appropriated by
11 this Act or otherwise made available for the Department
12 of Defense for fiscal year 2018 may be made available for
13 a project to construct 52 single family homes on Kwajalein
14 Atoll for \$1,300,000 each to support 18 active duty mili-
15 tary personnel.

16 **SEC. 2845. ENERGY RESILIENCE.**

17 (a) IN GENERAL.—Section 2911 of title 10, United
18 States Code, is amended—

19 (1) in the section heading, by striking “**per-**
20 **formance goals and master plan for**” and
21 inserting “**policy of**”;

22 (2) by redesignating subsections (a), (b), (c),
23 (d), and (e) as subsections (c), (d), (e), (f), and (g)
24 respectively;

1 (3) by inserting before subsection (c), as redesi-
2 gnated by paragraph (2), the following new sub-
3 sections:

4 “(a) GENERAL ENERGY POLICY.—The Secretary of
5 Defense shall ensure the readiness of the armed forces for
6 their military missions by pursuing energy security and
7 energy resilience.

8 “(b) AUTHORITIES.—In order to achieve the policy
9 set forth in subsection (a), the Secretary of Defense
10 may—

11 “(1) require the Secretary of a military depart-
12 ment to establish and maintain an energy resilience
13 master plan for an installation;

14 “(2) authorize the use of energy security and
15 energy resilience as factors in the cost-benefit anal-
16 ysis for procurement of energy; and

17 “(3) in selecting facility energy projects that
18 will use renewable energy sources, pursue energy se-
19 curity and energy resilience by giving favorable con-
20 sideration to projects that provide power directly to
21 a military facility or into the installation electrical
22 distribution network.”;

23 (4) in subsection (e), as redesignated by para-
24 graph (2)—

1 (A) in paragraph (1), by inserting “, the
2 future demand for energy, and the requirement
3 for the use of energy” after “energy”;

4 (B) by amending paragraph (2) to read as
5 follows:

6 “(2) Opportunities to enhance energy resilience
7 to ensure the Department of Defense has the ability
8 to prepare for and recover from energy disruptions
9 that impact mission assurance on military installa-
10 tions.”; and

11 (C) by adding at the end the following new
12 paragraph:

13 “(13) Opportunities to leverage third-party fi-
14 nancing to address installation energy needs.”.

15 (b) CLERICAL AMENDMENT.—The table of sections
16 at the beginning of chapter 173 is amended by striking
17 the item relating to section 2911 and inserting the fol-
18 lowing new item:

“2911. Energy policy of the Department of Defense.”.

19 (c) CONFORMING AMENDMENTS.—Chapter 173 of
20 title 10, United States Code, is amended—

21 (1) in section 2914, by striking “energy resil-
22 iency” each place it appears and inserting “energy
23 resilience”;

24 (2) in section 2915—

1 (A) by striking “subsection (c)” each place
2 it appears and inserting “subsection (e)”; and

3 (B) in subsection (e)(2)(C), by striking
4 “2911(b)(2)” and inserting “2911(d)(2)”;

5 (3) in section 2916(b)(2), by striking
6 “2911(a)” and inserting “2911(c)”;

7 (4) in section 2922b(a), by striking “subsection
8 (c)” and inserting “subsection (e)”;

9 (5) in section 2922f(a), by striking “subsection
10 (c)” and inserting “subsection (e)”;

11 (6) in section 2924—

12 (A) by striking paragraph (3); and

13 (B) by redesignating paragraphs (4), (5),
14 (6), and (7) as paragraphs (3), (4), (5), and
15 (6), respectively; and

16 (7) in section 2925(a)—

17 (A) by striking “resiliency” and inserting
18 “energy resilience”; and

19 (B) in paragraph (1), by striking
20 “2911(e)” and inserting “2911(g)”.

21 (d) DEFINITIONS FOR ENERGY RESILIENCE AND EN-
22 ERGY SECURITY.—Section 101(e) of title 10, United
23 States Code, is amended by adding at the end the fol-
24 lowing new paragraphs:

1 “(6) ENERGY RESILIENCE.—The term ‘energy
2 resilience’ means the ability to avoid, prepare for,
3 minimize, adapt to, and recover from anticipated
4 and unanticipated energy disruptions in order to en-
5 sure energy availability and reliability sufficient to
6 provide for mission assurance and readiness, includ-
7 ing task critical assets and other mission essential
8 operations related to readiness, and to execute or
9 rapidly reestablish mission essential requirements.

10 “(7) ENERGY SECURITY.—The term ‘energy se-
11 curity’ means having assured access to reliable sup-
12 plies of energy and the ability to protect and deliver
13 sufficient energy to meet mission essential require-
14 ments.”.

15 **SEC. 2846. CONSIDERATION OF ENERGY SECURITY AND EN-**
16 **ERGY RESILIENCE IN AWARDING ENERGY**
17 **AND FUEL CONTRACTS FOR MILITARY IN-**
18 **STALLATIONS.**

19 Section 2922a of title 10, United States Code, is
20 amended by adding at the end the following new sub-
21 section:

22 “(d) The Secretary concerned shall prioritize energy
23 security and resilience.”.

1 **SEC. 2847. REQUIREMENT TO ADDRESS ENERGY RESIL-**
2 **IENCE IN EXERCISING UTILITY SYSTEM CON-**
3 **VEYANCE AUTHORITY.**

4 Section 2688(g) of title 10, United States Code, is
5 amended by adding at the end the following new para-
6 graphs:

7 “(3) The Secretary concerned may require in any
8 contract for the conveyance of a utility system (or part
9 of a utility system) under subsection (a) that the conveyee
10 manage and operate the utility system in a manner con-
11 sistent with energy resilience requirements and metrics
12 provided to the conveyee to ensure that the reliability of
13 the utility system meets mission requirements.

14 “(4) The Secretary of Defense, in consultation with
15 the Secretaries of the military departments, shall include
16 in the installation energy report submitted under section
17 2925(a) of this title a description of progress in meeting
18 energy resilience metrics for all conveyance contracts en-
19 tered into pursuant to this section.”.

20 **SEC. 2848. IN-KIND LEASE PAYMENTS; PRIORITIZATION OF**
21 **UTILITY SERVICES THAT PROMOTE ENERGY**
22 **RESILIENCE.**

23 Section 2667(c)(1)(D) of title 10, United States
24 Code, is amended by inserting “, which shall prioritize en-
25 ergy resilience in the event of commercial grid outages”
26 after “Secretary concerned”.

1 **SEC. 2849. DISCLOSURE OF BENEFICIAL OWNERSHIP BY**
2 **FOREIGN PERSONS OF HIGH SECURITY**
3 **SPACE LEASED BY THE DEPARTMENT OF DE-**
4 **FENSE.**

5 (a) IDENTIFICATION OF BENEFICIAL OWNERSHIP.—

6 Before entering into a lease agreement with a covered en-
7 tity for accommodation of a military department or De-
8 fense Agency in a building (or other improvement) that
9 will be used for high-security leased space, the Depart-
10 ment of Defense shall require the covered entity to—

11 (1) identify each beneficial owner of the covered
12 entity by—

13 (A) name;

14 (B) current residential or business street
15 address; and

16 (C) in the case of a United States person,
17 a unique identifying number from a nonexpired
18 passport issued by the United States or a non-
19 expired drivers license issued by a State; and

20 (2) disclose to the Department of Defense any
21 beneficial owner of the covered entity that is a for-
22 eign person.

23 (b) REQUIRED DISCLOSURE.—

24 (1) INITIAL DISCLOSURE.—The Secretary of
25 Defense shall require a covered entity to provide the
26 information required under subsection (a), when

1 first submitting a proposal in response to a solicita-
2 tion for offers issued by the Department.

3 (2) UPDATES.—The Secretary of Defense shall
4 require a covered entity to update a submission of
5 information required under subsection (a) not later
6 than 60 days after the date of any change in—

7 (A) the list of beneficial owners of the cov-
8 ered entity; or

9 (B) the information required to be pro-
10 vided relating to each such beneficial owner.

11 (c) PRECAUTIONS.—If a covered entity discloses a
12 foreign person as a beneficial owner of a building (or other
13 improvement) from which the Department of Defense is
14 leasing high-security leased space, the Department of De-
15 fense shall notify the tenant of the space to take appro-
16 priate security precautions.

17 (d) DEFINITIONS.—

18 (1) BENEFICIAL OWNER.—

19 (A) IN GENERAL.—The term beneficial
20 owner—

21 (i) means, with respect to a covered
22 entity, each natural person who, directly or
23 indirectly—

24 (I) exercises control over the cov-
25 ered entity through ownership inter-

1 ests, voting rights, agreements, or
2 otherwise; or

3 (II) has an interest in or receives
4 substantial economic benefits from the
5 assets of the covered entity; and

6 (ii) does not include, with respect to a
7 covered entity—

8 (I) a minor child;

9 (II) a person acting as a nomi-
10 nee, intermediary, custodian, or agent
11 on behalf of another person;

12 (III) a person acting solely as an
13 employee of the covered entity and
14 whose control over or economic bene-
15 fits from the covered entity derives
16 solely from the employment status of
17 the person;

18 (IV) a person whose only interest
19 in the covered entity is through a
20 right of inheritance, unless the person
21 otherwise meets the definition of
22 “beneficial owner” under this para-
23 graph; and

24 (V) a creditor of the covered enti-
25 ty, unless the creditor otherwise meets

1 the requirements of “beneficial
2 owner” described above.

3 (B) ANTI-ABUSE RULE.—The exceptions
4 under subparagraph (A)(ii) shall not apply if
5 used for the purpose of evading, circumventing,
6 or abusing the requirements of this section.

7 (2) COVERED ENTITY.—The term “covered en-
8 tity” means a person, copartnership, corporation, or
9 other public or private entity.

10 (3) FOREIGN PERSON.—The term “foreign per-
11 son” means an individual who is not a United States
12 person or an alien lawfully admitted for permanent
13 residence into the United States.

14 (4) HIGH-SECURITY LEASED SPACE.—The term
15 “high-security leased space” means a space leased
16 by the Department of Defense that has a security
17 level of III, IV, or V, as determined by the Inter-
18 agency Security Committee.

19 (5) UNITED STATES PERSON.—The term
20 “United States person” means a natural person who
21 is a citizen of the United States or who owes perma-
22 nent allegiance to the United States.

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 installation outside the United States, and in the amount,
 9 set forth in the following table:

Army: Outside the United States

Country	Location	Amount
Cuba	Guantanamo Bay	\$115,000,000

10 **SEC. 2902. AUTHORIZED AIR FORCE CONSTRUCTION AND**
 11 **LAND ACQUISITION PROJECTS.**

12 The Secretary of the Air Force may acquire real
 13 property and carry out the military construction projects
 14 for the installations outside the United States, and in the
 15 amounts, set forth in the following table:

Air Force: Outside the United States

Country	Location	Amount
Estonia	Amari Air Base	\$13,900,000
Hungary	Kecskemet Air Base	\$55,400,000
Iceland	Keflavik	\$14,400,000
Jordan	Azraq	\$143,000,000
Latvia	Lielvarde Air Base	\$3,850,000
Luxembourg	Sanem	\$67,400,000
Norway	Rygge	\$10,300,000
Romania	Campia Turzii	\$2,950,000
Slovakia	Malacky	\$24,000,000
	Sliac Airport	\$22,000,000
Turkey	Incirlık Air Base	\$22,700,000

1 **SEC. 2903. AUTHORIZATION OF APPROPRIATIONS.**

2 Funds are hereby authorized to be appropriated for
 3 fiscal years beginning after September 30, 2017, for the
 4 military construction projects outside the United States
 5 authorized by this title as specified in the funding table
 6 in section 4602 and 4603.

7 **SEC. 2904. EXTENSION OF AUTHORIZATION OF CERTAIN**
 8 **FISCAL YEAR 2015 PROJECTS.**

9 (a) EXTENSION.—Notwithstanding section 2002 of
 10 the Military Construction Authorization Act for Fiscal
 11 Year 2015 (division B of Public Law 113–291; 128 Stat.
 12 3669), the authorizations set forth in the table in sub-
 13 section (b), as provided in section 4602 of that Act (128
 14 Stat. 3981), shall remain in effect until October 1, 2018,
 15 or the date of the enactment of an Act authorizing funds
 16 for military construction for fiscal year 2019, whichever
 17 is later.

18 (b) TABLE.—The table referred to in subsection (a)
 19 is as follows:

Extension of 2015 Air Force OCO Project Authorizations

Country	Installation	Project	Amount
Italy	Camp Darby	ERI: Improve Weapons Storage Facility.	\$44,500,000
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 and 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 section
17 4701.

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–660, Fire Station, Y–12 National
24 Security Complex, Oak Ridge, Tennessee,
25 \$20,400,000.

1 Project 18–D–650, Tritium Production Capa-
2 bility, Savannah River Site, Aiken, South Carolina,
3 \$9,100,000.

4 Project 18–D–620, Exascale Computing Facil-
5 ity Modernization Project, Lawrence Livermore Na-
6 tional Laboratory, Livermore, California,
7 \$3,000,000.

8 Project 18–D–670, Exascale Class Computer
9 Cooling Equipment, Los Alamos National Labora-
10 tory, Los Alamos, New Mexico, \$22,000,000.

11 Project 18–D–922, BL Component Test Com-
12 plex, Bettis Atomic Power Laboratory, West Mifflin,
13 Pennsylvania, \$3,100,000.

14 Project 18–D–921, KS Overhead Piping, Kes-
15 selring Site, West Milton, New York, \$10,716,000.

16 Project 18–D–920, KL Fuel Development Lab-
17 oratory, Knolls Atomic Power Laboratory, Scheneec-
18 tady, New York, \$1,100,000.

19 **SEC. 3102. DEFENSE ENVIRONMENTAL CLEANUP.**

20 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
21 are hereby authorized to be appropriated to the Depart-
22 ment of Energy for fiscal year 2018 for defense environ-
23 mental cleanup activities in carrying out programs as
24 specified in the funding table in section 4701.

1 (b) AUTHORIZATION OF NEW PLANT PROJECTS.—
2 From funds referred to in subsection (a) that are available
3 for carrying out plant projects, the Secretary of Energy
4 may carry out, for defense environmental cleanup activi-
5 ties, the following new plant projects:

6 Project 18–D–401, Saltstone Disposal Units
7 numbers 8 and 9, Savannah River Site, Aiken,
8 South Carolina, \$500,000.

9 Project 18–D–402, Emergency Operations Cen-
10 ter Replacement, Savannah River Site, Aiken, South
11 Carolina, \$500,000.

12 Project 18–D–404, Modification of Waste En-
13 capsulation and Storage Facility, Hanford Nuclear
14 Reservation, Richland, Washington, \$6,500,000.

15 **SEC. 3103. OTHER DEFENSE ACTIVITIES.**

16 Funds are hereby authorized to be appropriated to
17 the Department of Energy for fiscal year 2018 for other
18 defense activities in carrying out programs as specified in
19 the funding table in section 4701.

20 **SEC. 3104. NUCLEAR ENERGY.**

21 Funds are hereby authorized to be appropriated to
22 the Department of Energy for fiscal year 2018 for nuclear
23 energy as specified in the funding table in section 4701.

1 **Subtitle B—Program Authoriza-**
2 **tions, Restrictions, and Limita-**
3 **tions**

4 **SEC. 3111. ASSESSMENT AND DEVELOPMENT OF PROTO-**
5 **TYPE NUCLEAR WEAPONS OF FOREIGN**
6 **COUNTRIES.**

7 (a) STOCKPILE STEWARDSHIP, MANAGEMENT, AND
8 RESPONSIVENESS PLAN.—Section 4203(d)(1) of the
9 Atomic Energy Defense Act (50 U.S.C. 2523(d)(1)) is
10 amended—

11 (1) in subparagraph (M), by striking “; and”
12 and inserting a semicolon;

13 (2) in subparagraph (N), by striking the period
14 at the end and inserting “; and”; and

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

16 “(O) as required, when assessing and de-
17 veloping prototype nuclear weapons of foreign
18 countries, a report from the directors of the na-
19 tional security laboratories on the need and
20 plan for such assessment and development that
21 includes separate comments on the plan from
22 the Secretary of Energy and the Director of
23 National Intelligence.”.

24 (b) STOCKPILE RESPONSIVENESS PROGRAM.—Sec-
25 tion 4220(c) of the Atomic Energy Defense Act (50

1 U.S.C. 2538b(e)) is amended by adding at the end the
2 following:

3 “(6) The retention of the ability, in consultation
4 with the Director of National Intelligence, to assess
5 and develop prototype nuclear weapons of foreign
6 countries and, if necessary, to conduct no-yield test-
7 ing of those prototypes.”.

8 (c) CONFORMING REPEAL.—

9 (1) IN GENERAL.—Section 4509 of the Atomic
10 Energy Defense Act (50 U.S.C. 2660) is repealed.

11 (2) CLERICAL AMENDMENT.—The table of con-
12 tents for the Atomic Energy Defense Act is amended
13 by striking the items relating to sections 4508 and
14 4509.

15 **SEC. 3112. USE OF FUNDS FOR CONSTRUCTION AND**
16 **PROJECT SUPPORT ACTIVITIES RELATING TO**
17 **MOX FACILITY.**

18 (a) IN GENERAL.—Except as provided by subsection
19 (b), the Secretary of Energy shall carry out construction
20 and project support activities relating to the MOX facility
21 using funds authorized to be appropriated by this Act or
22 otherwise made available for fiscal year 2018 for the Na-
23 tional Nuclear Security Administration for the MOX facil-
24 ity for construction and project support activities.

25 (b) WAIVER.—

1 (1) IN GENERAL.—The Secretary may waive
2 the requirement under subsection (a) to carry out
3 construction and project support activities relating
4 to the MOX facility if the Secretary submits to the
5 congressional defense committees—

6 (A) the commitment of the Secretary to re-
7 move plutonium intended to be disposed of in
8 the MOX facility from South Carolina and en-
9 sure a sustainable future for the Savannah
10 River Site;

11 (B) a certification that—

12 (i) an alternative option for carrying
13 out the plutonium disposition program for
14 the same amount of plutonium as the
15 amount of plutonium intended to be dis-
16 posed of in the MOX facility exists, meet-
17 ing the requirements of the Business Oper-
18 ating Procedure of the National Nuclear
19 Security Administration entitled “Analysis
20 of Alternatives” and dated March 14, 2016
21 (BOP–03.07); and

22 (ii) the remaining lifecycle cost, deter-
23 mined in a manner consistent with the cost
24 estimating and assessment best practices
25 of the Government Accountability Office,

1 as found in the document of the Govern-
2 ment Accountability Office entitled “GAO
3 Cost Estimating and Assessment Guide”
4 (GAO-09-3SP), for the alternative option
5 would be less than half of the estimated re-
6 maining lifecycle cost of the mixed-oxide
7 fuel program; and

8 (C) the details of any statutory or regu-
9 latory changes necessary to complete the alter-
10 native option.

11 (2) ESTIMATES.—The Secretary shall ensure
12 that the estimates used by the Secretary for pur-
13 poses of the certification under paragraph (1)(B) are
14 of comparable accuracy.

15 (c) DEFINITIONS.—In this section:

16 (1) MOX FACILITY.—The term “MOX facility”
17 means the mixed-oxide fuel fabrication facility at the
18 Savannah River Site, Aiken, South Carolina.

19 (2) PROJECT SUPPORT ACTIVITIES.—The term
20 “project support activities” means activities that
21 support the design, long-lead equipment procure-
22 ment, and site preparation of the MOX facility.

1 **SEC. 3113. REPEAL, CONSOLIDATION, AND MODIFICATION**
2 **OF REPORTING REQUIREMENTS.**

3 (a) REPEAL OF ANNUAL REPORT ON STATUS OF NU-
4 CLEAR MATERIALS PROTECTION, CONTROL, AND AC-
5 COUNTING PROGRAM.—

6 (1) IN GENERAL.—Section 4303 of the Atomic
7 Energy Defense Act (50 U.S.C. 2563) is repealed.

8 (2) CLERICAL AMENDMENT.—The table of con-
9 tents for the Atomic Energy Defense Act is amended
10 by striking the item relating to section 4303.

11 (b) MODIFICATION OF REPORT ON STATUS OF SECU-
12 RITY OF ATOMIC ENERGY DEFENSE FACILITIES.—Sec-
13 tion 4506 of the Atomic Energy Defense Act (50 U.S.C.
14 2657) is amended by striking “each year” each place it
15 appears and inserting “each odd-numbered year”.

16 (c) PLAN FOR ADDRESSING SECURITY RISKS POSED
17 TO NUCLEAR WEAPONS COMPLEX.—

18 (1) CONSOLIDATION INTO STOCKPILE STEW-
19 ARDSHIP AND MANAGEMENT PLAN.—Section 4203
20 of the Atomic Energy Defense Act (50 U.S.C. 2523)
21 is amended—

22 (A) in subsection (c)—

23 (i) by redesignating paragraphs (6)
24 and (7) as paragraphs (7) and (8), respec-
25 tively; and

1 (ii) by inserting after paragraph (5)
2 the following new paragraph:

3 “(6) A summary of the plan for the research
4 and development, deployment, and lifecycle
5 sustainment of technologies employed within the nu-
6 clear security enterprise.”; 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:

12 “(7) A plan, developed in consultation with the
13 Associate Under Secretary for Environment, Health,
14 Safety, and Security of the Department of Energy,
15 for the research and development, deployment, and
16 lifecycle sustainment of the technologies employed
17 within the nuclear security enterprise to address
18 physical and cyber security threats during the five
19 fiscal years following the date of the report, together
20 with—

21 “(A) for each site in the nuclear security
22 enterprise, a description of the technologies de-
23 ployed to address the physical and cyber secu-
24 rity threats posed to that site; and

1 “(B) for each site and for the nuclear se-
2 curity enterprise, the methods used by the Ad-
3 ministration to establish priorities among in-
4 vestments in physical and cyber security tech-
5 nologies.”.

6 (2) CONFORMING REPEAL.—Section 3253(b) of
7 the National Nuclear Security Administration Act
8 (50 U.S.C. 2453(b)) is amended by striking para-
9 graph (5).

10 (d) MODIFICATION OF SUBMISSION OF SELECTED
11 ACQUISITION REPORTS.—Section 4217(a) of the Atomic
12 Energy Defense Act (50 U.S.C. 2537(a)) is amended—

13 (1) in paragraph (1)—

14 (A) by striking “each fiscal-year quarter”
15 and inserting “the first quarter of each fiscal
16 year”;

17 (B) by striking “or a major” and inserting
18 “and each major”; and

19 (C) by inserting “during the preceding fis-
20 cal year” after “4713(a)(2)”; and

21 (2) in paragraph (2)—

22 (A) by striking “a fiscal-year quarter” and
23 inserting “a fiscal year”; and

1 (B) by striking “such fiscal-year quarter”
2 and inserting “each fiscal-year quarter in that
3 fiscal year”.

4 (e) MODIFICATION OF SUBMISSION OF PLAN FOR
5 MEETING NATIONAL SECURITY REQUIREMENTS FOR
6 UNENCUMBERED URANIUM.—Section 4221(a) of the
7 Atomic Energy Defense Act (50 U.S.C. 2538c(a)) is
8 amended by striking “Concurrent with” and all that fol-
9 lows through “2026” and inserting “Not later than De-
10 cember 31 of each even-numbered year through 2026”.

11 (f) MODIFICATIONS TO DEFENSE NUCLEAR NON-
12 PROLIFERATION MANAGEMENT PLAN.—

13 (1) MODIFICATION OF SUBMISSION.—Section
14 4309 of the Atomic Energy Defense Act (50 U.S.C.
15 2575) is amended—

16 (A) by striking subsection (c);

17 (B) by redesignating subsection (b) as sub-
18 section (c); and

19 (C) by striking subsection (a) and insert-
20 ing the following new subsections:

21 “(a) PLAN REQUIRED.—The Administrator shall de-
22 velop and annually update a five-year management plan
23 for activities associated with the defense nuclear non-
24 proliferation programs of the Administration to prevent
25 and counter the proliferation of materials, technology,

1 equipment, and expertise related to nuclear and radio-
2 logical weapons in order to minimize and address the risk
3 of nuclear terrorism and the proliferation of such weapons.

4 “(b) SUBMISSION TO CONGRESS.—(1) Not later than
5 March 15 of each even-numbered year, the Administrator
6 shall submit to the congressional defense committees a
7 summary of the plan developed under subsection (a).

8 “(2) Not later than March 15 of each odd-numbered
9 year, the Administrator shall submit to the congressional
10 defense committees a detailed report on the plan developed
11 under subsection (a).

12 “(3) Each summary submitted under paragraph (1)
13 and each report submitted under paragraph (2) shall be
14 submitted in unclassified form, but may include a classi-
15 fied annex if necessary.”.

16 (2) ELIMINATION OF IDENTIFICATION OF FU-
17 TURE INTERNATIONAL CONTRIBUTIONS.—Subsection
18 (c) of such section, as redesignated by paragraph
19 (1)(B), is further amended—

20 (A) by striking paragraph (14); and

21 (B) by redesignating paragraphs (15) and
22 (16) as paragraphs (14) and (15), respectively.

23 (3) CONFORMING AMENDMENTS.—Subsection
24 (c) of such section, as redesignated by paragraph

1 (1)(B) and amended by paragraph (2), is further
2 amended—

3 (A) in paragraph (2), by striking “the plan
4 required by subsection (a)” and inserting “the
5 summary required by paragraph (1) of sub-
6 section (b) or the report required by paragraph
7 (2) of that subsection, as the case may be”;

8 (B) in paragraph (6), by striking “the plan
9 required by subsection (a)” and inserting “the
10 summary required by paragraph (1) of sub-
11 section (b) or the report required by paragraph
12 (2) of that subsection, as the case may be”;

13 (C) in paragraph (7), by striking “the plan
14 required by subsection (a)” and inserting “the
15 summary required by paragraph (1) of sub-
16 section (b) or the report required by paragraph
17 (2) of that subsection, as the case may be,”;

18 (D) in paragraph (9), by striking “the plan
19 required by subsection (a)” and inserting “the
20 summary required by paragraph (1) of sub-
21 section (b) or the report required by paragraph
22 (2) of that subsection, as the case may be,”;

23 and

24 (E) in paragraph (10), by striking “the
25 plan required by subsection (a)” and inserting

1 sonnel system for the Administration (to be known as the
2 ‘National Nuclear Security Administration Personnel Sys-
3 tem’) and implement that system with respect to employ-
4 ees of the Administration.

5 “(b) MODIFICATIONS.—In adapting the demonstra-
6 tion project described in subsection (a) into a permanent
7 alternative personnel system, the Administrator—

8 “(1) may, subject to paragraph (2), revise the
9 requirements and limitations of the demonstration
10 project to the extent necessary; and

11 “(2) shall ensure that the permanent alter-
12 native personnel system is carried out in a manner
13 consistent with the final plan for the demonstration
14 project (72 Fed. Reg. 72776).

15 “(c) APPLICATION TO NAVAL NUCLEAR PROPULSION
16 PROGRAM.—The Administrator may apply the alternative
17 personnel system under subsection (a) to all employees of
18 the Naval Nuclear Propulsion Program in the competitive
19 service (as defined in section 2102 of title 5, United States
20 Code).”.

21 (b) CLERICAL AMENDMENT.—The table of contents
22 for the National Nuclear Security Administration Act is
23 amended by inserting after the item relating to section
24 3247 the following new item:

“Sec. 3248. Alternative personnel system.”.

1 **SEC. 3115. ANNUAL REPORTS ON UNFUNDED PRIORITIES**
2 **OF NATIONAL NUCLEAR SECURITY ADMINIS-**
3 **TRATION.**

4 (a) IN GENERAL.—Subtitle A of title XLVII of the
5 Atomic Energy Defense Act (50 U.S.C. 2741 et seq.) is
6 amended by adding at the end the following new section:

7 **“SEC. 4715. UNFUNDED PRIORITIES OF THE NATIONAL NU-**
8 **CLEAR SECURITY ADMINISTRATION.**

9 “(a) ANNUAL REPORT.—Not later than 10 days after
10 the date on which the budget of the President for a fiscal
11 year is submitted to Congress pursuant to section 1105(a)
12 of title 31, United States Code, the Administrator shall
13 submit to the Secretary of Energy and the congressional
14 defense committees a report on the unfunded priorities of
15 the Administration.

16 “(b) ELEMENTS.—

17 “(1) IN GENERAL.—Each report required by
18 subsection (a) shall specify, for each unfunded pri-
19 ority covered by the report, the following:

20 “(A) A summary description of that pri-
21 ority, including the objectives to be achieved if
22 that priority is funded (whether in whole or in
23 part).

24 “(B) The additional amount of funds rec-
25 ommended in connection with the objectives
26 under subparagraph (A).

1 “(C) Account information with respect to
2 that priority.

3 “(2) PRIORITIZATION OF PRIORITIES.—Each
4 report required by subsection (a) shall present the
5 unfunded priorities covered by the report in order of
6 urgency of priority.

7 “(c) UNFUNDED PRIORITY DEFINED.—In this sec-
8 tion, the term ‘unfunded priority’, in the case of a fiscal
9 year, means a program, activity, or mission requirement
10 that—

11 “(1) is not funded in the budget of the Presi-
12 dent for that fiscal year as submitted to Congress
13 pursuant to section 1105(a) of title 31, United
14 States Code;

15 “(2) is necessary to fulfill a requirement associ-
16 ated with an operational or contingency plan or
17 other validated requirement of the Administration;
18 and

19 “(3) would have been recommended for funding
20 through the budget referred to in paragraph (1) by
21 the Secretary of Energy—

22 “(A) if additional resources were available
23 for the budget to fund the program, activity, or
24 mission requirement; or

1 “(B) in the case of a program, activity, or
 2 mission requirement that emerged after the
 3 budget was formulated, if the program, activity,
 4 or mission requirement had emerged before the
 5 budget was formulated.”.

6 (b) CLERICAL AMENDMENT.—The table of contents
 7 for the Atomic Energy Defense Act is amended by insert-
 8 ing after the item relating to section 4714 the following
 9 new item:

 “Sec. 4715. Unfunded priorities of the National Nuclear Security Administra-
 tion.”.

10 **TITLE XXXII—DEFENSE NU-**
 11 **CLEAR FACILITIES SAFETY**
 12 **BOARD**

13 **SEC. 3201. AUTHORIZATION.**

14 There are authorized to be appropriated for fiscal
 15 year 2018, \$30,600,000 for the operation of the Defense
 16 Nuclear Facilities Safety Board under chapter 21 of the
 17 Atomic Energy Act of 1954 (42 U.S.C. 2286 et seq.).

18 **TITLE XXXV—MARITIME**
 19 **ADMINISTRATION**

20 **SEC. 3501. MARITIME ADMINISTRATION.**

21 Section 109 of title 49, United States Code, is
 22 amended to read as follows:

1 **“§ 109. Maritime Administration**

2 “(a) ORGANIZATION AND MISSION.—The Maritime
3 Administration is an administration in the Department of
4 Transportation. The mission of the Maritime Administra-
5 tion is to foster, promote, and develop the merchant mari-
6 time industry of the United States.

7 “(b) MARITIME ADMINISTRATOR.—The head of the
8 Maritime Administration is the Maritime Administrator,
9 who is appointed by the President by and with the advice
10 and consent of the Senate. The Administrator shall report
11 directly to the Secretary of Transportation and carry out
12 the duties prescribed by the Secretary.

13 “(c) DEPUTY MARITIME ADMINISTRATOR.—The
14 Maritime Administration shall have a Deputy Maritime
15 Administrator, who is appointed in the competitive service
16 by the Secretary, after consultation with the Adminis-
17 trator. The Deputy Administrator shall carry out the du-
18 ties prescribed by the Administrator. The Deputy Admin-
19 istrator shall be Acting Administrator during the absence
20 or disability of the Administrator and, unless the Sec-
21 retary designates another individual, during a vacancy in
22 the office of Administrator.

23 “(d) DUTIES AND POWERS VESTED IN SEC-
24 RETARY.—All duties and powers of the Maritime Adminis-
25 tration are vested in the Secretary.

1 “(e) REGIONAL OFFICES.—The Maritime Adminis-
2 tration shall have regional offices for the Atlantic, Gulf,
3 Great Lakes, and Pacific port ranges, and may have other
4 regional offices as necessary. The Secretary shall appoint
5 a qualified individual as Director of each regional office.
6 The Secretary shall carry out appropriate activities and
7 programs of the Maritime Administration through the re-
8 gional offices.

9 “(f) INTERAGENCY AND INDUSTRY RELATIONS.—
10 The Secretary shall establish and maintain liaison with
11 other agencies, and with representative trade organiza-
12 tions throughout the United States, concerned with the
13 transportation of commodities by water in the export and
14 import foreign commerce of the United States, for the pur-
15 pose of securing preference to vessels of the United States
16 for the transportation of those commodities.

17 “(g) DETAILING OFFICERS FROM ARMED FORCES.—
18 To assist the Secretary in carrying out duties and powers
19 relating to the Maritime Administration, not more than
20 five officers of the Armed Forces may be detailed to the
21 Secretary at any one time, in addition to details author-
22 ized by any other law. During the period of a detail, the
23 Secretary shall pay the officer an amount that, when
24 added to the officer’s pay and allowances as an officer in
25 the Armed Forces, makes the officer’s total pay and allow-

1 ances equal to the amount that would be paid to an indi-
2 vidual performing work the Secretary considers to be of
3 similar importance, difficulty, and responsibility as that
4 performed by the officer during the detail.

5 “(h) CONTRACTS, COOPERATIVE AGREEMENTS, AND
6 AUDITS.—

7 “(1) CONTRACTS AND COOPERATIVE AGREE-
8 MENTS.—In the same manner that a private cor-
9 poration may make a contract within the scope of its
10 authority under its charter, the Secretary may make
11 contracts and cooperative agreements for the United
12 States Government and disburse amounts to—

13 “(A) carry out the Secretary’s duties and
14 powers under this section, subtitle V of title 46,
15 and all other Maritime Administration pro-
16 grams; and

17 “(B) protect, preserve, and improve collat-
18 eral held by the Secretary to secure indebted-
19 ness.

20 “(2) AUDITS.—The financial transactions of
21 the Secretary under paragraph (1) shall be audited
22 by the Comptroller General. The Comptroller Gen-
23 eral shall allow credit for an expenditure shown to
24 be necessary because of the nature of the business
25 activities authorized by this section or subtitle V of

1 title 46. At least once a year, the Comptroller Gen-
2 eral shall report to Congress any departure by the
3 Secretary from this section or subtitle V of title 46.

4 “(i) GRANT ADMINISTRATIVE EXPENSES.—Except as
5 otherwise provided by law, the administrative and related
6 expenses for the administration of any grant programs by
7 the Maritime Administrator may not exceed 3 percent.

8 “(j) AUTHORIZATION OF APPROPRIATIONS.—

9 “(1) IN GENERAL.—Except as otherwise pro-
10 vided in this subsection, there are authorized to be
11 appropriated such amounts as may be necessary to
12 carry out the duties and powers of the Secretary re-
13 lating to the Maritime Administration.

14 “(2) LIMITATIONS.—Only those amounts spe-
15 cifically authorized by law may be appropriated for
16 the use of the Maritime Administration for—

17 “(A) acquisition, construction, or recon-
18 struction of vessels;

19 “(B) construction-differential subsidies in-
20 cident to the construction, reconstruction, or re-
21 conditioning of vessels;

22 “(C) costs of national defense features;

23 “(D) payments of obligations incurred for
24 operating-differential subsidies;

1 “(E) expenses necessary for research and
2 development activities, including reimbursement
3 of the Vessel Operations Revolving Fund for
4 losses resulting from expenses of experimental
5 vessel operations;

6 “(F) the Vessel Operations Revolving
7 Fund;

8 “(G) National Defense Reserve Fleet ex-
9 penses;

10 “(H) expenses necessary to carry out part
11 B of subtitle V of title 46; and

12 “(I) other operations and training expenses
13 related to the development of waterborne trans-
14 portation systems, the use of waterborne trans-
15 portation systems, and general administra-
16 tion.”.

17 **DIVISION D—FUNDING TABLES**

18 **SEC. 4001. AUTHORIZATION OF AMOUNTS IN FUNDING TA-**

19 **BLES.**

20 (a) IN GENERAL.—Whenever a funding table in this
21 division specifies a dollar amount authorized for a project,
22 program, or activity, the obligation and expenditure of the
23 specified dollar amount for the project, program, or activ-
24 ity is hereby authorized, subject to the availability of ap-
25 propriations.

1 (b) MERIT-BASED DECISIONS.—A decision to com-
2 mit, obligate, or expend funds with or to a specific entity
3 on the basis of a dollar amount authorized pursuant to
4 subsection (a) shall—

5 (1) be based on merit-based selection proce-
6 dures in accordance with the requirements of sec-
7 tions 2304(k) and 2374 of title 10, United States
8 Code, or on competitive procedures; and

9 (2) comply with other applicable provisions of
10 law.

11 (c) RELATIONSHIP TO TRANSFER AND PROGRAM-
12 MING AUTHORITY.—An amount specified in the funding
13 tables in this division may be transferred or repro-
14 grammed under a transfer or reprogramming authority
15 provided by another provision of this Act or by other law.
16 The transfer or reprogramming of an amount specified in
17 such funding tables shall not count against a ceiling on
18 such transfers or reprogrammings under section 1001 or
19 section 1522 of this Act or any other provision of law,
20 unless such transfer or reprogramming would move funds
21 between appropriation accounts.

22 (d) APPLICABILITY TO CLASSIFIED ANNEX.—This
23 section applies to any classified annex that accompanies
24 this Act.

1 (e) ORAL WRITTEN COMMUNICATIONS.—No oral or
 2 written communication concerning any amount specified
 3 in the funding tables in this division shall supersede the
 4 requirements of this section.

5 **TITLE XLI—PROCUREMENT**

6 **SEC. 4101. PROCUREMENT.**

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2018 Request	Senate Authorized
AIRCRAFT PROCUREMENT, ARMY			
FIXED WING			
2	UTILITY F/W AIRCRAFT	75,115	75,115
4	MQ-1 UAV	30,206	130,206
	UFR: ER Improved Gray Eagle Air Vehicles		[100,000]
ROTARY			
5	HELICOPTER, LIGHT UTILITY (LUH)	108,383	108,383
6	AH-64 APACHE BLOCK IIIA REMAN	725,976	764,976
	UFR: Procures remanufactured AH64Es		[39,000]
7	AH-64 APACHE BLOCK IIIA REMAN (AP)	170,910	170,910
8	AH-64 APACHE BLOCK IIIB NEW BUILD	374,100	647,800
	UFR: Procures AH-64E		[273,700]
9	AH-64 APACHE BLOCK IIIB NEW BUILD (AP)	71,900	71,900
10	UH-60 BLACKHAWK M MODEL (MYP)	938,308	938,308
11	UH-60 BLACKHAWK M MODEL (MYP) (AP)	86,295	86,295
12	UH-60 BLACK HAWK A AND L MODELS	76,516	76,516
13	CH-47 HELICOPTER	202,576	449,140
	UFR: New Build MH-47G aircraft		[246,564]
14	CH-47 HELICOPTER (AP)	17,820	17,820
MODIFICATION OF AIRCRAFT			
15	MQ-1 PAYLOAD (MIP)	5,910	21,910
	UFR: Procures of Common Sensor Payloads		[16,000]
16	UNIVERSAL GROUND CONTROL EQUIPMENT (UAS)	15,000	15,000
17	GRAY EAGLE MODS ²	74,291	74,291
18	MULTI SENSOR ABN RECON (MIP)	68,812	98,287
	UFR: Procures of Electronic Intelligence (ELINT) upgrades		[29,475]
19	AH-64 MODS	238,141	238,141
20	CH-47 CARGO HELICOPTER MODS (MYP)	20,166	20,166
21	GRCS SEMA MODS (MIP)	5,514	5,514
22	ARL SEMA MODS (MIP)	11,650	11,650
23	EMARSS SEMA MODS (MIP)	15,279	15,279
24	UTILITY/CARGO AIRPLANE MODS	57,737	57,737
25	UTILITY HELICOPTER MODS	5,900	5,900
26	NETWORK AND MISSION PLAN	142,102	142,102
27	COMMS, NAV SURVEILLANCE	166,050	166,050
28	GATM ROLLUP	37,403	37,403
29	RQ-7 UAV MODS	83,160	214,160
	UFR: Procures Shadow V2 BLK III systems		[131,000]
30	UAS MODS	26,109	26,429
	UFR: Procures OSRVT systems		[320]
GROUND SUPPORT AVIONICS			
31	AIRCRAFT SURVIVABILITY EQUIPMENT	70,913	70,913
32	SURVIVABILITY CM	5,884	5,884
33	CMWS	26,825	51,825
	UFR: Limited Interim Missile Warning System (LIMWS) Quick Reaction Capability		[25,000]
34	COMMON INFRARED COUNTERMEASURES (CIRCM)	6,337	31,337
	UFR: CIRCM B-Kits		[25,000]
OTHER SUPPORT			
35	AVIONICS SUPPORT EQUIPMENT	7,038	7,038
36	COMMON GROUND EQUIPMENT	47,404	47,404
37	AIRCREW INTEGRATED SYSTEMS	47,066	47,066
38	AIR TRAFFIC CONTROL	83,790	84,905
	UFR: Airspace Information System shelter and Alternate Workstation		[1,115]
39	INDUSTRIAL FACILITIES	1,397	1,397
40	LAUNCHER, 2.75 ROCKET	1,911	1,911
	TOTAL AIRCRAFT PROCUREMENT, ARMY	4,149,894	5,037,068
MISSILE PROCUREMENT, ARMY			
SURFACE-TO-AIR MISSILE SYSTEM			
1	LOWER TIER AIR AND MISSILE DEFENSE (AMD)	140,826	140,826

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2018 Request	Senate Authorized
2	MSE MISSILE	459,040	1,109,081
	UFR: Additional MSE missiles		[650,041]
3	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I	57,742	38,742
	Available prior year funds		[-19,000]
	AIR-TO-SURFACE MISSILE SYSTEM		
5	HELLFIRE SYS SUMMARY	94,790	104,860
	UFR: Procures maximum Hellfire missile		[10,070]
6	JOINT AIR-TO-GROUND MSLs (JAGM)	178,432	133,432
	Excess due to delays		[-45,000]
	ANTI-TANK/ASSAULT MISSILE SYS		
8	JAVELIN (AAWS-M) SYSTEM SUMMARY	110,123	257,488
	UFR: Procures additional Javelin		[147,365]
9	TOW 2 SYSTEM SUMMARY	85,851	85,851
10	TOW 2 SYSTEM SUMMARY (AP)	19,949	19,949
11	GUIDED MLRS ROCKET (GMLRS)	595,182	609,682
	UFR: Tooling and practice rounds		[14,500]
12	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	28,321	34,651
	UFR: Funds Reduced Range Practice Rockets		[6,330]
	MODIFICATIONS		
15	PATRIOT MODS	329,073	496,527
	UFR: Procures additional ELES		[167,454]
16	ATACMS MODS	116,040	185,440
	UFR: Additional ATACMS		[69,400]
17	GMLRS MOD	531	531
18	STINGER MODS	63,090	91,890
	UFR: Maximizes Stinger		[28,800]
19	AVENGER MODS	62,931	62,931
20	ITAS/TOW MODS	3,500	3,500
21	MLRS MODS	138,235	187,117
	UFR: Procures M270A1 MLRS launchers		[48,882]
22	HIMARS MODIFICATIONS	9,566	9,566
	AIR-TO-SURFACE MISSILE SYSTEM		
27	HIMARS	0	435,728
	UFR: Procures HIMARS launchers		[435,728]
	SPARES AND REPAIR PARTS		
23	SPARES AND REPAIR PARTS	18,915	18,915
	SUPPORT EQUIPMENT & FACILITIES		
24	AIR DEFENSE TARGETS	5,728	5,728
26	PRODUCTION BASE SUPPORT	1,189	1,189
	TOTAL MISSILE PROCUREMENT, ARMY	2,519,054	4,033,624
	PROCUREMENT OF W&TCV, ARMY		
	TRACKED COMBAT VEHICLES		
1	BRADLEY PROGRAM	0	111,000
	UFR: Recap 1 Infantry Battalion Set of M2A4		[111,000]
2	ARMORED MULTI PURPOSE VEHICLE (AMPV)	193,715	193,715
	MODIFICATION OF TRACKED COMBAT VEHICLES		
4	STRYKER (MOD)	97,552	793,052
	UFR: Second SBCT set of 30mm		[347,500]
	UFR: Stryker ECP		[348,000]
6	BRADLEY PROGRAM (MOD)	444,851	444,851
7	M109 FOV MODIFICATIONS	64,230	64,230
8	PALADIN INTEGRATED MANAGEMENT (PIM)	646,413	646,413
9	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	72,402	194,402
	UFR: Procures one ABCT set of HERCULES (M88A2)		[122,000]
10	ASSAULT BRIDGE (MOD)	5,855	5,855
11	ASSAULT BREACHER VEHICLE	34,221	94,221
	UFR: Procures Assault Breacher Vehicles, Combat Dozer Blades, Full Width Mine Plows ...		[60,000]
12	M88 FOV MODS	4,826	4,826
13	JOINT ASSAULT BRIDGE	128,350	128,350
14	M1 ABRAMS TANK (MOD)	248,826	469,826
	UFR: Completes the first Brigade set of Trophy (NDI APS) for Abrams w/ ERI OCO (1 APS Set)		[221,000]
15	ABRAMS UPGRADE PROGRAM	275,000	836,000
	UFR: Recapitalization of 29 Abrams tanks to M1A2SEPv3		[561,000]
	WEAPONS & OTHER COMBAT VEHICLES		
18	M240 MEDIUM MACHINE GUN (7.62MM)	1,992	4,342
	UFR: Procures additional		[2,350]
19	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S	6,520	26,520
	UFR: Procures M3E1 light weight Carl Gustaf weapon systems		[20,000]
20	MORTAR SYSTEMS	21,452	34,502
	UFR: Procures M121 120mm Mortars		[13,050]
21	XM320 GRENADE LAUNCHER MODULE (GLM)	4,524	5,323
	UFR: Procures M320A1 40mm Grenade Launchers		[799]
23	CARBINE	43,150	57,137
	UFR: Procures M4A1 carbines		[13,987]
24	COMMON REMOTELY OPERATED WEAPONS STATION	750	10,750
	UFR: Accelerate CROWS modifications		[10,000]

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2018 Request	Senate Authorized
25	HANDGUN	8,326	8,704
	UFR: Procures Modular Handgun Systems		[378]
	MOD OF WEAPONS AND OTHER COMBAT VEH		
26	MK-19 GRENADE MACHINE GUN MODS	2,000	2,000
27	M777 MODS	3,985	89,772
	UFR: Funds M777 lightweight towed howitzers		[85,787]
28	M4 CARBINE MODS	31,315	31,315
29	M2 50 CAL MACHINE GUN MODS	47,414	52,670
	UFR: Procures M2A1 .50cal machine		[2,350]
	UFR: Procures Mk93 MG mounts, M2A1 .50cal MGs, M205 tripods		[2,906]
30	M249 SAW MACHINE GUN MODS	3,339	3,339
31	M240 MEDIUM MACHINE GUN MODS	4,577	11,159
	UFR: Procures M192 tripods, M240B 7.62mm, M240L 7.62mm, Gun Optics		[6,582]
32	SNIPER RIFLES MODIFICATIONS	1,488	1,488
33	M119 MODIFICATIONS	12,678	12,678
34	MORTAR MODIFICATION	3,998	3,998
35	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)	2,219	2,219
	SUPPORT EQUIPMENT & FACILITIES		
36	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	5,075	7,788
	UFR: Procures M150 Rifle Combat Optic (RCO); M68 Close Combat Optics (CCO)		[2,713]
37	PRODUCTION BASE SUPPORT (WOCV-WTCV)	992	992
39	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG)	1,573	1,573
	TOTAL PROCUREMENT OF W&TCV, ARMY	2,423,608	4,355,010
	PROCUREMENT OF AMMUNITION, ARMY		
	SMALL/MEDIUM CAL AMMUNITION		
1	CTG, 5.56MM, ALL TYPES	39,767	46,992
	UFR: Additional ammunition		[7,225]
2	CTG, 7.62MM, ALL TYPES	46,804	61,704
	UFR: Additional ammunition		[14,900]
3	CTG, HANDGUN, ALL TYPES	10,413	10,503
	UFR: Additional ammunition		[90]
4	CTG, .50 CAL, ALL TYPES	62,837	71,727
	UFR: Additional ammunition		[8,890]
5	CTG, 20MM, ALL TYPES	8,208	8,208
6	CTG, 25MM, ALL TYPES	8,640	40,502
	UFR: Additional ammunition		[31,862]
7	CTG, 30MM, ALL TYPES	76,850	79,000
	UFR: Additional ammunition		[2,150]
8	CTG, 40MM, ALL TYPES	108,189	125,380
	UFR: Additional ammunition		[17,191]
	MORTAR AMMUNITION		
9	60MM MORTAR, ALL TYPES	57,359	59,865
	UFR: Additional ammunition		[2,506]
10	81MM MORTAR, ALL TYPES	49,471	52,580
	UFR: Additional mortar		[3,109]
11	120MM MORTAR, ALL TYPES	91,528	109,720
	UFR: Additional 120mm		[18,192]
	TANK AMMUNITION		
12	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES	133,500	173,800
	UFR: Additional Tank cartridge		[40,300]
	ARTILLERY AMMUNITION		
13	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES	44,200	44,200
14	ARTILLERY PROJECTILE, 155MM, ALL TYPES	187,149	346,330
	UFR: Additional ammunition		[159,181]
15	PROJ 155MM EXTENDED RANGE M982	49,000	282,500
	UFR: Excalibur		[233,500]
16	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	83,046	163,768
	UFR: Additional PGK, prop charges, artillery fuzes		[48,601]
	UFR: Required to execute simultaneous OPLAN		[32,121]
	MINES		
17	MINES & CLEARING CHARGES, ALL TYPES	3,942	6,992
	UFR: Additional ammunition		[3,050]
	ROCKETS		
19	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	5,000	66,881
	UFR: Additional rockets, grenades		[61,881]
20	ROCKET, HYDRA 70, ALL TYPES	161,155	229,242
	UFR: Additional APKWS		[68,087]
	OTHER AMMUNITION		
21	CAD/PAD, ALL TYPES	7,441	7,441
22	DEMOLITION MUNITIONS, ALL TYPES	19,345	21,606
	UFR: Additional munitions		[2,261]
23	GRENADES, ALL TYPES	22,759	48,120
	UFR: Additional ammunition		[25,361]
24	SIGNALS, ALL TYPES	2,583	3,412
	UFR: Additional signal munitions		[829]
25	SIMULATORS, ALL TYPES	13,084	13,534
	UFR: Additional signal munitions		[450]

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Line	Item	FY 2018 Request	Senate Authorized
MISCELLANEOUS			
26	AMMO COMPONENTS, ALL TYPES	12,237	12,237
27	NON-LETHAL AMMUNITION, ALL TYPES	1,500	1,650
	UFR: Non-Lethal Hand Grenade Munitions		[150]
28	ITEMS LESS THAN \$5 MILLION (AMMO)	10,730	14,395
	UFR: Additional ammunition		[3,665]
29	AMMUNITION PECULLAR EQUIPMENT	16,425	16,425
30	FIRST DESTINATION TRANSPORTATION (AMMO)	15,221	15,221
PRODUCTION BASE SUPPORT			
32	INDUSTRIAL FACILITIES	329,356	429,356
	UFR: Upgrade at GOCO Army ammunition plants		[100,000]
33	CONVENTIONAL MUNITIONS DEMILITARIZATION	197,825	197,825
34	ARMS INITIATIVE	3,719	3,719
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	1,879,283	2,764,835
OTHER PROCUREMENT, ARMY			
TACTICAL VEHICLES			
1	TACTICAL TRAILERS/DOLLY SETS	9,716	10,871
	UFR: Provides self-haul capability to Engineer Construction Units		[1,155]
2	SEMITRAILERS, FLATBED:	14,151	41,151
	UFR: Procures 100 % of equipment shortage in Europe for M872		[27,000]
3	AMBULANCE, 4 LITTER, 5/4 TON, 4X4	53,000	68,593
	UFR: Procures HMMWV ambulances		[15,000]
	UFR: Support increased end-strength		[593]
4	GROUND MOBILITY VEHICLES (GMV)	40,935	40,935
6	JOINT LIGHT TACTICAL VEHICLE	804,440	804,440
7	TRUCK, DUMP, 20T (CCE)	967	967
8	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	78,650	263,872
	UFR: Procures vehicles		[185,222]
9	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP	19,404	19,404
10	FAMILY OF HEAVY TACTICAL VEHICLES (FHIV)	81,656	89,099
	UFR: Procures Forward Repair Systems (FRS)		[7,443]
11	PLS ESP	7,129	59,804
	UFR: Provides transportation of ammunition and break-bulk cargo		[52,675]
13	TACTICAL WHEELED VEHICLE PROTECTION KITS	43,040	43,040
14	MODIFICATION OF IN SVC EQUIP	83,940	191,667
	UFR: Additional Buffalo and MMPV		[107,727]
NON-TACTICAL VEHICLES			
16	HEAVY ARMORED SEDAN	269	269
17	PASSENGER CARRYING VEHICLES	1,320	1,320
18	NON-TACTICAL VEHICLES, OTHER	6,964	6,964
COMM—JOINT COMMUNICATIONS			
19	WIN-T—GROUND FORCES TACTICAL NETWORK	420,492	0
	Early to need		[-420,492]
20	SIGNAL MODERNIZATION PROGRAM	92,718	92,718
21	TACTICAL NETWORK TECHNOLOGY MOD IN SVC	150,497	150,497
22	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY	6,065	6,065
23	JCSE EQUIPMENT (USREDCOM)	5,051	5,051
COMM—SATELLITE COMMUNICATIONS			
24	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS	161,383	161,383
25	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	62,600	62,600
26	SHF TERM	11,622	11,622
28	SMART-T (SPACE)	6,799	6,799
29	GLOBAL BRDCST SVC—GBS	7,065	18,065
	UFR: Procures Global Broadcast Systems		[11,000]
31	ENROUTE MISSION COMMAND (EMC)	21,667	21,667
COMM—COMBAT SUPPORT COMM			
33	MOD-IN-SERVICE PROFILER	70	70
COMM—C3 SYSTEM			
34	ARMY GLOBAL CMD & CONTROL SYS (AGCCS)	2,658	2,658
COMM—COMBAT COMMUNICATIONS			
36	HANDHELD MANPACK SMALL FORM FIT (HMS)	355,351	355,351
37	MID-TIER NETWORKING VEHICULAR RADIO (MNVN)	25,100	25,100
38	RADIO TERMINAL SET, MIDS LVT(2)	11,160	11,160
40	TRACTOR DESK	2,041	2,041
41	TRACTOR RIDE	5,534	13,734
	UFR: Procurement of Offensive Cyber Operations		[8,200]
42	SPIDER APLA REMOTE CONTROL UNIT	996	996
43	SPIDER FAMILY OF NETWORKED MUNITIONS INCR	4,500	6,858
	UFR: Procures SPIDER INC IA systems		[2,358]
45	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM	4,411	4,411
46	UNIFIED COMMAND SUITE	15,275	15,275
47	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	15,964	15,964
COMM—INTELLIGENCE COMM			
49	CI AUTOMATION ARCHITECTURE	9,560	9,560
50	DEFENSE MILITARY DECEPTION INITIATIVE	4,030	4,030
INFORMATION SECURITY			
54	COMMUNICATIONS SECURITY (COMSEC)	107,804	131,082

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Line	Item	FY 2018 Request	Senate Authorized
	UFR: Security Data System and End Cryptographic Units		[23,278]
55	DEFENSIVE CYBER OPERATIONS	53,436	61,436
	UFR: Funds Deployable DCO Systems for COMPO 2&3 Cyber Protection Teams		[8,000]
56	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO	690	690
57	PERSISTENT CYBER TRAINING ENVIRONMENT	4,000	4,000
	COMM—LONG HAUL COMMUNICATIONS		
58	BASE SUPPORT COMMUNICATIONS	43,751	43,751
	COMM—BASE COMMUNICATIONS		
59	INFORMATION SYSTEMS	118,101	118,101
60	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	4,490	4,490
61	HOME STATION MISSION COMMAND CENTERS (HSMCC)	20,050	20,050
62	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	186,251	186,251
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
65	JTT/CIBS-M	12,154	19,754
	UFR: Procures critical spare parts		[7,600]
68	DCGS-A (MIP)	274,782	124,782
	Changing tactical requirements		[-150,000]
70	TROJAN (MIP)	16,052	29,212
	UFR: Procures TROJAN SPIRIT		[13,160]
71	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	51,034	51,034
72	CI HUMINT AUTO REPRTING AND COLL(CHARCS)	7,815	7,891
	UFR: Provides CI/HUMINT Automated Reporting and Collection System capabilities		[76]
73	CLOSE ACCESS TARGET RECONNAISSANCE (CATR)	8,050	8,050
74	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM-M	567	567
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
76	LIGHTWEIGHT COUNTER MORTAR RADAR	20,459	20,459
77	EW PLANNING & MANAGEMENT TOOLS (EWPMIT)	5,805	5,805
78	AIR VIGILANCE (AV)	5,348	5,348
81	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	469	469
82	CI MODERNIZATION	285	285
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
83	SENTINEL MODS	28,491	100,491
	UFR: Procures additional Sentinel Radars		[72,000]
84	NIGHT VISION DEVICES	166,493	231,498
	New night vision testing devices		[2,500]
	UFR: Accelerates fielding of the LTLM		[15,749]
	UFR: AN/PVS-14 Night Vision Goggles		[5,414]
	UFR: Enhanced Night Vision Goggles		[4,608]
	UFR: Security Force Assistance Bde		[36,734]
85	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	13,947	16,097
	UFR: Procures Small Tactical Optical Rifle Mounted laser range finder		[2,150]
87	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	21,380	598,663
	UFR: IFPC/Averner Battalions and Warn Suites		[577,283]
88	FAMILY OF WEAPON SIGHTS (FWS)	59,105	59,105
89	ARTILLERY ACCURACY EQUIP	2,129	2,129
91	JOINT BATTLE COMMAND—PLATFORM (JBC-P)	282,549	402,971
	UFR: Replenishes Joint Battle Command- Platform		[120,432]
92	JOINT EFFECTS TARGETING SYSTEM (JETS)	48,664	48,664
93	MOD OF IN-SVC EQUIP (LLDR)	5,198	5,198
94	COMPUTER BALLISTICS: LHMC XM32	8,117	8,117
95	MORTAR FIRE CONTROL SYSTEM	31,813	52,513
	UFR: Procures Mortar Fire Control systems (M95, M96)		[20,700]
96	COUNTERFIRE RADARS	329,057	393,257
	UFR: Procures AN/TPQ-53 Counterfire Target Acquisition Radar System		[64,200]
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
97	FIRE SUPPORT C2 FAMILY	8,700	13,458
	UFR: Additional Advanced Field Artillery Tactical Data System (AFATDS)		[4,758]
98	AIR & MSL DEFENSE PLANNING & CONTROL SYS	26,635	123,613
	UFR: Supports fielding (AMD) mission command assets to a Army Corps HQ		[96,978]
100	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	1,992	1,992
101	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	15,179	15,179
102	MANEUVER CONTROL SYSTEM (MCS)	132,572	137,391
	UFR: Tactical Mission Command Equipment		[4,819]
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	25,848
	UFR: Procures Engineer Instrument Set Field Reconnaissance and Survey Kits		[19,755]
106	MOD OF IN-SVC EQUIPMENT (ENFIRE)	1,134	2,593
	UFR: Support Security Force Assistance Bde		[1,459]
	ELECT EQUIP—AUTOMATION		
107	ARMY TRAINING MODERNIZATION	11,575	11,575
108	AUTOMATED DATA PROCESSING EQUIP	91,983	76,983
	Accelerate commercial IT solutions		[-15,000]
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 (AV)		

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Line	Item	FY 2018 Request	Senate Authorized
113	TACTICAL DIGITAL MEDIA	4,441	4,441
114	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT)	3,414	16,414
	UFR: Accelerate procurement of Global Positioning System-Survey		[3,000]
	UFR: Procures Automated Integrated Survey Instrument (AISI) systems		[10,000]
	ELECT EQUIP—SUPPORT		
115	PRODUCTION BASE SUPPORT (C-E)	499	499
116	BCT EMERGING TECHNOLOGIES	25,050	25,050
	CLASSIFIED PROGRAMS		
185	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	9,696
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
	UFR: Procures Bridge Erection Boats		[22,000]
124	COMMON BRIDGE TRANSPORTER (CBT) RECAP	21,046	71,446
	UFR: Procure Common Bridge Transporters		[50,400]
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
125	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST	5,000	10,600
	UFR: Procures hand held mine detectors		[5,600]
126	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)	32,442	43,262
	UFR: Equipment for 15th and 16th ABCT		[10,820]
127	AREA MINE DETECTION SYSTEM (AMDS)	10,571	10,571
128	HUSKY MOUNTED DETECTION SYSTEM (HMDS)	21,695	24,095
	UFR: Procures Husky Mounted Detection System		[2,400]
129	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS)	4,516	19,616
	UFR: Procures M160s		[15,100]
130	EOD ROBOTICS SYSTEMS RECAPITALIZATION	10,073	21,073
	UFR: Procures the Talon 5A robot		[11,000]
131	ROBOTICS AND APPLIQUE SYSTEMS	3,000	3,000
133	REMOTE DEMOLITION SYSTEMS	5,847	7,039
	UFR: Procures Radio Frequency Remote Activated Munitions		[1,192]
134	< \$5M, COUNTERMINE EQUIPMENT	1,530	1,530
135	FAMILY OF BOATS AND MOTORS	4,302	4,302
	COMBAT SERVICE SUPPORT EQUIPMENT		
136	HEATERS AND ECU'S	7,405	16,461
	UFR: Procures Improved Environmental Control Units		[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	48,027
	UFR: Procures NETT Warrior		[9,808]
140	MOBILE SOLDIER POWER	10,456	12,018
	UFR: Procures ISPDS-C systems for a Security Forces Assistance Bde		[1,562]
142	FIELD FEEDING EQUIPMENT	15,340	29,780
	UFR: BCT support equipment		[14,440]
143	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	30,607	30,607
144	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS	10,426	20,162
	UFR: Engineering equipment		[9,736]
	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	43,343
	MAINTENANCE EQUIPMENT		
149	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	33,774	55,365
	UFR: Shop equipment		[21,591]
150	ITEMS LESS THAN \$5.0M (MAINT EQ)	2,728	3,682
	UFR: Additional equipment for growing Army		[954]
	CONSTRUCTION EQUIPMENT		
151	GRADER, ROAD MTZD, HVY, 6X4 (CCE)	989	15,719
	UFR: Procures 48 Graders for the 16th ABCT		[14,730]
152	SCRAPERS, EARTHMOVING	11,180	11,180
155	ALL TERRAIN CRANES	8,935	11,935
	UFR: Procures cranes to support bridging assets		[3,000]
157	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	64,339	84,899
	UFR: Procures HMEE for the 16th ABCT		[20,560]
158	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP	2,563	2,563
160	CONST EQUIP ESP	19,032	89,711
	UFR: Procures Engineer Mission Module—Water Distributors and 31 Vibratory Rollers		[7,000]
	UFR: Procures T9 Dozers and Armor Kits		[63,679]
161	ITEMS LESS THAN \$5.0M (CONST EQUIP)	6,899	16,911
	UFR: Procures 2 Vibratory Plate Compactors (VPC) for the 16th ABCT		[10,012]
	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		

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164	GENERATORS AND ASSOCIATED EQUIP	115,635	142,845
	UFR: Additional equipment for growing Army		[27,210]
165	TACTICAL ELECTRIC POWER RECAPITALIZATION	7,436	7,436
	MATERIAL HANDLING EQUIPMENT		
166	FAMILY OF FORKLIFTS	9,000	10,635
	UFR: Procures additional 5K LCRTF		[1,635]
	TRAINING EQUIPMENT		
167	COMBAT TRAINING CENTERS SUPPORT	88,888	88,888
168	TRAINING DEVICES, NONSYSTEM	285,989	285,989
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	5,406
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
172	CALIBRATION SETS EQUIPMENT	5,564	5,564
173	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	30,144	30,144
174	TEST EQUIPMENT MODERNIZATION (TEMOD)	7,771	8,296
	UFR: Test Equipment Modernization systems (TEMOD)		[525]
	OTHER SUPPORT EQUIPMENT		
175	M25 STABILIZED BINOCULAR	3,956	3,956
176	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	5,000	10,000
	UFR: Support 10 initiatives per year		[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	120,326
	UFR: Additional support equipment		[60,134]
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
186	INTELLIGENT REMOTE IMAGING SPECTOMETER—GROUND SYSTEM	0	8,600
	UFR: Development of six focal plan arrays		[8,600]
187	FORCE PROVIDER EXPEDITIONARY	0	27,700
	UFR: Procures Force Providers Battle-loss and components for RESET		[27,700]
188	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV	0	132,250
	UFR: Procures HEMTTS		[132,250]
189	FIRE PROTECTION TYPE I	0	54
	UFR: Procures Fire Protection Type 1 sets		[54]
	OPA2		
184	INITIAL SPARES—C&E	38,269	14,329
	Early to need		[-23,940]
	TOTAL OTHER PROCUREMENT, ARMY	6,469,331	7,960,663
	JOINT IMPROVISED-THREAT DEFEAT FUND		
	NETWORK ATTACK		
1	RAPID ACQUISITION AND THREAT RESPONSE	14,442	14,442
	TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND	14,442	14,442
	AIRCRAFT PROCUREMENT, NAVY		
	COMBAT AIRCRAFT		
2	F/A-18E/F (FIGHTER) HORNET	1,200,146	1,939,146
	UFR: Additional F/A-18 E/F Super Hornets		[739,000]
3	F/A-18E/F (FIGHTER) HORNET (AP)	52,971	52,971
4	JOINT STRIKE FIGHTER CV	582,324	1,382,324
	UFR: Additional F-35C		[800,000]
5	JOINT STRIKE FIGHTER CV (AP)	263,112	263,112
6	JSF STOVL	2,398,139	2,923,739
	UFR: Additional F-35B		[525,600]
7	JSF STOVL (AP)	413,450	413,450
8	CH-53K (HEAVY LIFT)	567,605	847,805
	UFR: Additional CH-53K		[280,200]
9	CH-53K (HEAVY LIFT) (AP)	147,046	147,046
10	V-22 (MEDIUM LIFT)	677,404	1,239,868
	Multi-year savings		[-10,000]
	UFR: Additional MV-22/V-22		[180,464]
	UFR: Additional MV-22B		[392,000]
11	V-22 (MEDIUM LIFT) (AP)	27,422	27,422
12	H-1 UPGRADES (UH-1Y/AH-1Z)	678,429	898,929
	UFR: Additional AH-1Z		[220,500]
13	H-1 UPGRADES (UH-1Y/AH-1Z) (AP)	42,082	42,082
16	P-8A POSEIDON	1,245,251	2,256,251
	UFR: Additional P-8A Poseidon		[1,011,000]
17	P-8A POSEIDON (AP)	140,333	140,333
18	E-2D ADV HAWKEYE	733,910	733,910
19	E-2D ADV HAWKEYE (AP)	102,026	102,026
	OTHER AIRCRAFT		
22	KC-130J	129,577	472,277
	UFR: Additional KC-130J		[342,700]
23	KC-130J (AP)	25,497	25,497
24	MQ-4 TRITON	522,126	522,126

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Line	Item	FY 2018 Request	Senate Authorized
25	MQ-4 TRITON (AP)	57,266	57,266
26	MQ-8 UAV	49,472	49,472
27	OTHER SUPPORT AIRCRAFT	0	59,200
27	STUASL0 UAV	880	880
	UFR: Procure additional aircraft		[59,200]
71	C-40A AIRCRAFT PROCUREMENT	0	215,000
	UFR: Procure additional aircraft		[215,000]
	MODIFICATION OF AIRCRAFT		
30	AEA SYSTEMS	52,960	52,960
31	AV-8 SERIES	43,555	43,555
32	ADVERSARY	2,565	2,565
33	F-18 SERIES	1,043,661	1,124,761
	UFR: ALQ-214 USMC Retrofit		[65,100]
	UFR: ALR-67 Retrofit A-KITS and Partial B-Kits		[16,000]
34	H-53 SERIES	38,712	38,712
35	SH-60 SERIES	95,333	95,333
36	H-1 SERIES	101,886	101,886
37	EP-3 SERIES	7,231	7,231
38	P-3 SERIES	700	700
39	E-2 SERIES	97,563	97,563
40	TRAINER A/C SERIES	8,184	8,184
41	C-2A	18,673	18,673
42	C-130 SERIES	83,541	83,541
43	FEWSG	630	630
44	CARGO/TRANSPORT A/C SERIES	10,075	10,075
45	E-6 SERIES	223,508	223,508
46	EXECUTIVE HELICOPTERS SERIES	38,787	38,787
47	SPECIAL PROJECT AIRCRAFT	8,304	8,304
48	T-45 SERIES	148,071	148,071
49	POWER PLANT CHANGES	19,827	19,827
50	JPATS SERIES	27,007	27,007
51	COMMON ECM EQUIPMENT	146,642	146,642
52	COMMON AVIONICS CHANGES	123,507	123,507
53	COMMON DEFENSIVE WEAPON SYSTEM	2,317	2,317
54	ID SYSTEMS	49,524	49,524
55	P-8 SERIES	18,665	18,665
56	MAGTF EW FOR AVIATION	10,111	10,111
57	MQ-8 SERIES	32,361	32,361
59	V-22 (TILT/ROTOR ACFT) OSPREY	228,321	228,321
60	F-35 STOVL SERIES	34,963	34,963
61	F-35 CV SERIES	31,689	31,689
62	QRC	24,766	24,766
63	MQ-4 SERIES	39,996	39,996
	AIRCRAFT SPARES AND REPAIR PARTS		
64	SPARES AND REPAIR PARTS	1,681,914	1,981,658
	UFR: C-40A Spares		[12,600]
	UFR: CH-53K Spares		[7,500]
	UFR: F-35B Spares		[91,000]
	UFR: Fund to max executable		[168,000]
	UFR: KC-130J Spares		[12,844]
	UFR: UC-12W Spares		[7,800]
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
65	COMMON GROUND EQUIPMENT	388,052	405,552
	UFR: F/A-18C/D Training Systems		[17,500]
66	AIRCRAFT INDUSTRIAL FACILITIES	24,613	24,613
67	WAR CONSUMABLES	39,614	39,614
68	OTHER PRODUCTION CHARGES	1,463	1,463
69	SPECIAL SUPPORT EQUIPMENT	48,500	48,500
70	FIRST DESTINATION TRANSPORTATION	1,976	1,976
	TOTAL AIRCRAFT PROCUREMENT, NAVY	15,056,235	20,210,243
	WEAPONS PROCUREMENT, NAVY		
	MODIFICATION OF MISSILES		
1	TRIDENT II MODS	1,143,595	1,143,595
	SUPPORT EQUIPMENT & FACILITIES		
2	MISSILE INDUSTRIAL FACILITIES	7,086	7,086
	STRATEGIC MISSILES		
3	TOMAHAWK	134,375	134,375
	TACTICAL MISSILES		
4	AMRAAM	197,109	209,109
	UFR: Munitions Wholeness		[12,000]
5	SIDEWINDER	79,692	79,692
6	JSOW	5,487	5,487
7	STANDARD MISSILE	510,875	510,875
8	SMALL DIAMETER BOMB II	20,968	20,968
9	RAM	58,587	106,587
	UFR: Additional RAM BLK II		[48,000]
10	JOINT AIR GROUND MISSILE (JAGM)	3,789	3,789

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(In Thousands of Dollars)

Line	Item	FY 2018 Request	Senate Authorized
13	STAND OFF PRECISION GUIDED MUNITIONS (SOPGM)	3,122	12,522
	UFR: AGM-176A Griffin Missile Qualifications		[9,400]
14	AERIAL TARGETS	124,757	124,757
15	OTHER MISSILE SUPPORT	3,420	3,420
16	LRASM	74,733	74,733
	MODIFICATION OF MISSILES		
17	ESSM	74,524	74,524
19	HARPOON MODS	17,300	17,300
20	HARM MODS	183,368	183,368
21	STANDARD MISSILES MODS	11,729	11,729
	SUPPORT EQUIPMENT & FACILITIES		
22	WEAPONS INDUSTRIAL FACILITIES	4,021	4,021
23	FLEET SATELLITE COMM FOLLOW-ON	46,357	46,357
	ORDNANCE SUPPORT EQUIPMENT		
25	ORDNANCE SUPPORT EQUIPMENT	47,159	47,159
	TORPEDOES AND RELATED EQUIP		
26	SSTD	5,240	5,240
27	MK-48 TORPEDO	44,771	44,771
28	ASW TARGETS	12,399	12,399
	MOD OF TORPEDOES AND RELATED EQUIP		
29	MK-54 TORPEDO MODS	104,044	104,044
30	MK-48 TORPEDO ADCAP MODS	38,954	38,954
31	QUICKSTRIKE MINE	10,337	10,337
	SUPPORT EQUIPMENT		
32	TORPEDO SUPPORT EQUIPMENT	70,383	70,383
33	ASW RANGE SUPPORT	3,864	3,864
	DESTINATION TRANSPORTATION		
34	FIRST DESTINATION TRANSPORTATION	3,961	3,961
	GUNS AND GUN MOUNTS		
35	SMALL ARMS AND WEAPONS	11,332	11,332
	MODIFICATION OF GUNS AND GUN MOUNTS		
36	CIWS MODS	72,698	72,698
37	COAST GUARD WEAPONS	38,931	38,931
38	GUN MOUNT MODS	76,025	76,025
39	LCS MODULE WEAPONS	13,110	13,110
40	CRUISER MODERNIZATION WEAPONS	34,825	34,825
41	AIRBORNE MINE NEUTRALIZATION SYSTEMS	16,925	16,925
	SPARES AND REPAIR PARTS		
43	SPARES AND REPAIR PARTS	110,255	110,255
	TOTAL WEAPONS PROCUREMENT, NAVY	3,420,107	3,489,507
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
1	GENERAL PURPOSE BOMBS	34,882	34,882
2	JDM	57,343	57,343
3	AIRBORNE ROCKETS, ALL TYPES	79,318	79,318
4	MACHINE GUN AMMUNITION	14,112	14,112
5	PRACTICE BOMBS	47,027	47,027
6	CARTRIDGES & CART ACTUATED DEVICES	57,718	57,718
7	AIR EXPENDABLE COUNTERMEASURES	65,908	65,908
8	JATOS	2,895	2,895
10	5 INCH/54 GUN AMMUNITION	22,112	22,112
11	INTERMEDIATE CALIBER GUN AMMUNITION	12,804	12,804
12	OTHER SHIP GUN AMMUNITION	41,594	41,594
13	SMALL ARMS & LANDING PARTY AMMO	49,401	49,401
14	PYROTECHNIC AND DEMOLITION	9,495	9,495
16	AMMUNITION LESS THAN \$5 MILLION	3,080	3,080
	MARINE CORPS AMMUNITION		
20	MORTARS	24,118	49,618
	UFR: Additional 60mm Full Range Practice Rounds		[11,000]
	UFR: Additional 81mm Full Range Practice Rounds		[14,500]
23	DIRECT SUPPORT MUNITIONS	64,045	64,045
24	INFANTRY WEAPONS AMMUNITION	91,456	91,456
29	COMBAT SUPPORT MUNITIONS	11,788	11,788
32	AMMO MODERNIZATION	17,862	17,862
33	ARTILLERY MUNITIONS	79,427	96,427
	UFR: Additional training rounds		[17,000]
34	ITEMS LESS THAN \$5 MILLION	5,960	5,960
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	792,345	834,845
	SHIPBUILDING AND CONVERSION, NAVY		
	FLEET BALLISTIC MISSILE SHIPS		
1	OHIO REPLACEMENT SUBMARINE (AP)	842,853	842,853
	OTHER WARSHIPS		
2	CARRIER REPLACEMENT PROGRAM	4,441,772	4,141,772
	Unjustified cost growth		[-300,000]
4	VIRGINIA CLASS SUBMARINE	3,305,315	3,305,315
5	VIRGINIA CLASS SUBMARINE (AP)	1,920,596	3,093,596

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Line	Item	FY 2018 Request	Senate Authorized
	3rd FY20 SSN or SIB expansion		[450,000]
	Additional EOQ funding Blk V MYP		[750,000]
	NSBDF Savings		[-27,000]
6	CVN REFUELING OVERHAULS	1,604,890	1,604,890
7	CVN REFUELING OVERHAULS (AP)	75,897	75,897
8	DDG 1000	223,968	173,968
	Unjustified cost growth		[-50,000]
9	DDG-51	3,499,079	5,058,079
	Available prior year funds		[-225,000]
	Procure 1 additional DDG-51		[1,750,000]
	UFR: SSEE Inc F for DDG		[34,000]
10	DDG-51 (AP)	90,336	390,336
	EOQ for FY18-22 MYP contract		[300,000]
11	LITTORAL COMBAT SHIP	636,146	596,146
	Unit price adjustment		[-40,000]
	AMPHIBIOUS SHIPS		
12	LX(R) OR LPD-30	0	1,000,000
	Incremental funding for LX(R) or LPD-30		[1,000,000]
15	LHA REPLACEMENT	1,710,927	1,710,927
	AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST		
18	TAO FLEET OILER	465,988	465,988
19	TAO FLEET OILER (AP)	75,068	75,068
20	TOWING, SALVAGE, AND RESCUE SHIP (ATS)	76,204	76,204
23	LCU 1700	31,850	31,850
24	OUTFITTING	548,703	510,503
	Post-delivery funds early to need		[-38,200]
25	SHIP TO SHORE CONNECTOR	212,554	509,554
	Quantity unit price adjustment		[-15,000]
	UFR: 5 additional Ship-to-Shore Connector		[312,000]
26	SERVICE CRAFT	23,994	62,994
	UFR: Berthing barge		[39,000]
29	COMPLETION OF PY SHIPBUILDING PROGRAMS	117,542	117,542
30	ESB	0	661,000
	Procure additional ESB		[661,000]
32	CABLE SHIP	0	250,000
	Procure cable ship		[250,000]
	TOTAL SHIPBUILDING AND CONVERSION, NAVY	19,903,682	24,754,482
	OTHER PROCUREMENT, NAVY		
	SHIP PROPULSION EQUIPMENT		
3	SURFACE POWER EQUIPMENT	41,910	41,910
4	HYBRID ELECTRIC DRIVE (HED)	6,331	0
	Unjustified cost growth		[-6,331]
	GENERATORS		
5	SURFACE COMBATANT HM&E	27,392	27,392
	NAVIGATION EQUIPMENT		
6	OTHER NAVIGATION EQUIPMENT	65,943	65,943
	OTHER SHIPBOARD EQUIPMENT		
8	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG	151,240	180,240
	UFR: 3 Submarine Warfare Federated Tactical Systems		[29,000]
9	DDG MOD	603,355	603,355
10	FIREFIGHTING EQUIPMENT	15,887	15,887
11	COMMAND AND CONTROL SWITCHBOARD	2,240	2,240
12	LHA/LHD MIDLIFE	30,287	30,287
14	POLLUTION CONTROL EQUIPMENT	17,293	17,293
15	SUBMARINE SUPPORT EQUIPMENT	27,990	27,990
16	VIRGINIA CLASS SUPPORT EQUIPMENT	46,610	46,610
17	LCS CLASS SUPPORT EQUIPMENT	47,955	5,355
	Procurement ahead of need		[-42,600]
18	SUBMARINE BATTERIES	17,594	17,594
19	LPD CLASS SUPPORT EQUIPMENT	61,908	61,908
21	STRATEGIC PLATFORM SUPPORT EQUIP	15,812	15,812
22	DSSP EQUIPMENT	4,178	4,178
23	CG MODERNIZATION	306,050	306,050
24	LCAC	5,507	5,507
25	UNDERWATER EOD PROGRAMS	55,922	55,922
26	ITEMS LESS THAN \$5 MILLION	96,909	96,909
27	CHEMICAL WARFARE DETECTORS	3,036	3,036
28	SUBMARINE LIFE SUPPORT SYSTEM	10,364	10,364
	REACTOR PLANT EQUIPMENT		
29	REACTOR POWER UNITS	324,925	324,925
30	REACTOR COMPONENTS	534,468	534,468
	OCEAN ENGINEERING		
31	DIVING AND SALVAGE EQUIPMENT	10,619	10,619
	SMALL BOATS		
32	STANDARD BOATS	46,094	46,094
	PRODUCTION FACILITIES EQUIPMENT		
34	OPERATING FORCES IPE	191,541	191,541

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Line	Item	FY 2018 Request	Senate Authorized
	OTHER SHIP SUPPORT		
36	LCS COMMON MISSION MODULES EQUIPMENT	34,666	34,666
37	LCS MCM MISSION MODULES	55,870	84,770
	<i>Procurement ahead of need</i>		[-5,100]
	UFR: Additional MCM USV		[34,000]
39	LCS SUW MISSION MODULES	52,960	52,960
40	LCS IN-SERVICE MODERNIZATION	74,426	158,426
	UFR: LCS modernization for increased lethality		[84,000]
	LOGISTIC SUPPORT		
42	LSD MIDLIFE & MODERNIZATION	89,536	89,536
	SHIP SONARS		
43	SPQ-9B RADAR	30,086	30,086
44	AN/SQQ-89 SURF ASW COMBAT SYSTEM	102,222	102,222
46	SSN ACOUSTIC EQUIPMENT	287,553	314,553
	UFR: 3 Submarine Warfare Federated Tactical Systems		[27,000]
47	UNDERSEA WARFARE SUPPORT EQUIPMENT	13,653	13,653
	ASW ELECTRONIC EQUIPMENT		
49	SUBMARINE ACOUSTIC WARFARE SYSTEM	21,449	21,449
50	SSTD	12,867	12,867
51	FIXED SURVEILLANCE SYSTEM	300,102	300,102
52	SURTASS	30,180	40,180
	UFR: 1 Additional		[10,000]
	ELECTRONIC WARFARE EQUIPMENT		
54	AN/SLQ-32	240,433	240,433
	RECONNAISSANCE EQUIPMENT		
55	SHIPBOARD IW EXPLOIT	187,007	227,007
	UFR: 3 SSEE Increment F and Paragon/Graywing		[40,000]
56	AUTOMATED IDENTIFICATION SYSTEM (AIS)	510	510
	OTHER SHIP ELECTRONIC EQUIPMENT		
58	COOPERATIVE ENGAGEMENT CAPABILITY	23,892	27,892
	UFR: CEC IFF Mode 5 Acceleration		[4,000]
60	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	10,741	10,741
61	ATDLS	38,016	38,016
62	NAVY COMMAND AND CONTROL SYSTEM (NCCS)	4,512	4,512
63	MINESWEEPING SYSTEM REPLACEMENT	31,531	31,531
64	SHALLOW WATER MCM	8,796	8,796
65	NAVSTAR GPS RECEIVERS (SPACE)	15,923	15,923
66	AMERICAN FORCES RADIO AND TV SERVICE	2,730	2,730
67	STRATEGIC PLATFORM SUPPORT EQUIP	6,889	6,889
	AVIATION ELECTRONIC EQUIPMENT		
70	ASHORE ATC EQUIPMENT	71,882	71,882
71	AFLOAT ATC EQUIPMENT	44,611	44,611
77	ID SYSTEMS	21,239	21,239
78	NAVAL MISSION PLANNING SYSTEMS	11,976	12,976
	UFR: Munitions Wholeness		[1,000]
	OTHER SHORE ELECTRONIC EQUIPMENT		
80	TACTICAL/MOBILE CAI SYSTEMS	32,425	32,425
81	DCGS-N	13,790	13,790
82	CANES	322,754	322,754
83	RADLAC	10,718	10,718
84	CANES-INTELL	48,028	48,028
85	GPETE	6,861	6,861
86	MASF	8,081	8,081
87	INTEG COMBAT SYSTEM TEST FACILITY	5,019	5,019
88	EMI CONTROL INSTRUMENTATION	4,188	4,188
89	ITEMS LESS THAN \$5 MILLION	105,292	105,292
	SHIPBOARD COMMUNICATIONS		
90	SHIPBOARD TACTICAL COMMUNICATIONS	23,695	23,695
91	SHIP COMMUNICATIONS AUTOMATION	103,990	103,990
92	COMMUNICATIONS ITEMS UNDER \$5M	18,577	18,577
	SUBMARINE COMMUNICATIONS		
93	SUBMARINE BROADCAST SUPPORT	29,669	29,669
94	SUBMARINE COMMUNICATION EQUIPMENT	86,204	86,204
	SATELLITE COMMUNICATIONS		
95	SATELLITE COMMUNICATIONS SYSTEMS	14,654	14,654
96	NAVY MULTIBAND TERMINAL (NMT)	69,764	69,764
	SHORE COMMUNICATIONS		
97	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	4,256	4,256
	CRYPTOGRAPHIC EQUIPMENT		
99	INFO SYSTEMS SECURITY PROGRAM (ISSP)	89,663	101,663
	UFR: Crypto modernization		[12,000]
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		
112	SONOBUOYS—ALL TYPES	173,616	173,616

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Line	Item	FY 2018 Request	Senate Authorized
AIRCRAFT SUPPORT EQUIPMENT			
113	WEAPONS RANGE SUPPORT EQUIPMENT	72,110	72,110
114	AIRCRAFT SUPPORT EQUIPMENT	108,482	108,482
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	AVIATION 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	149,972
	UFR: 3 Submarine Warfare Federated Tactical Systems		[20,000]
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	2,946
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	21,797
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	51,176
	Consolidate requirements Navy Enterprise Resource Planning		[-4,200]
	Consolidate requirements Navy ePS		[-3,700]
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	CAISR EQUIPMENT	4,010	4,010
154	ENVIRONMENTAL SUPPORT EQUIPMENT	23,644	23,644
155	PHYSICAL SECURITY EQUIPMENT	101,982	120,982
	UFR: Port Security Barriers for Ship Repair Facilities		[19,000]
156	ENTERPRISE INFORMATION TECHNOLOGY	19,789	19,789
OTHER			
160	NEXT GENERATION ENTERPRISE SERVICE	104,584	104,584
CLASSIFIED PROGRAMS			
162	CLASSIFIED PROGRAMS	23,707	1,023,707
	Classified Project 0428		[1,000,000]
SPARES AND REPAIR PARTS			
161	SPARES AND REPAIR PARTS	278,565	278,565
	TOTAL OTHER PROCUREMENT, NAVY	8,277,789	9,495,858
PROCUREMENT, MARINE CORPS			
TRACKED COMBAT VEHICLES			
1	AAV7A1 PIP	107,665	107,665
2	AMPHIBIOUS COMBAT VEHICLE 1.1	161,511	161,511
3	LAV PIP	17,244	17,244
ARTILLERY AND OTHER WEAPONS			
4	EXPEDITIONARY FIRE SUPPORT SYSTEM	626	626
5	155MM LIGHTWEIGHT TOWED HOWITZER	20,259	20,259
6	HIGH MOBILITY ARTILLERY ROCKET SYSTEM	59,943	59,943
7	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION	19,616	19,616
OTHER SUPPORT			
8	MODIFICATION KITS	17,778	17,778
GUIDED MISSILES			
10	GROUND BASED AIR DEFENSE	9,432	9,432
11	JAVELIN	41,159	41,159
12	FOLLOW ON TO SMAW	25,125	25,125

SEC. 4101. PROCUREMENT
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Line	Item	FY 2018 Request	Senate Authorized
13	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H)	51,553	51,553
	COMMAND AND CONTROL SYSTEMS		
16	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C REPAIR AND TEST EQUIPMENT	44,928	44,928
17	REPAIR AND TEST EQUIPMENT	33,056	33,056
	COMMAND AND CONTROL SYSTEM (NON-TEL)		
20	ITEMS UNDER \$5 MILLION (COMM & ELEC)	17,644	37,844
	UFR: Night Optics for Sniper Rifle		[20,200]
21	AIR OPERATIONS C3 SYSTEMS	18,393	18,393
	RADAR + EQUIPMENT (NON-TEL)		
22	RADAR SYSTEMS	12,411	12,411
23	GROUND/AIR TASK ORIENTED RADAR (GIATOR)	139,167	139,167
24	RQ-21 UAS	77,841	77,841
	INTELL/COMM EQUIPMENT (NON-TEL)		
25	GCS-SC	1,990	1,990
26	FIRE SUPPORT SYSTEM	22,260	22,260
27	INTELLIGENCE SUPPORT EQUIPMENT	55,759	65,879
	UFR: CI and HUMINT Equipment Program		[10,120]
29	UNMANNED AIR SYSTEMS (INTEL)	10,154	23,654
	UFR: Long Endurance Small UAS		[13,500]
30	DCGS-MC	13,462	13,462
31	UAS PAYLOADS	14,193	14,193
	OTHER SUPPORT (NON-TEL)		
35	NEXT GENERATION ENTERPRISE NETWORK (NGEN)	98,511	98,511
36	COMMON COMPUTER RESOURCES	66,894	73,998
	UFR: Full Spectrum Cyber Operations DMSS		[7,104]
37	COMMAND POST SYSTEMS	186,912	186,912
38	RADIO SYSTEMS	34,361	34,361
39	COMM SWITCHING & CONTROL SYSTEMS	54,615	54,615
40	COMM & ELEC INFRASTRUCTURE SUPPORT	44,455	44,455
	CLASSIFIED PROGRAMS		
41	CLASSIFIED PROGRAMS	4,214	4,214
	ADMINISTRATIVE VEHICLES		
42	COMMERCIAL CARGO VEHICLES	66,951	66,951
	TACTICAL VEHICLES		
43	MOTOR TRANSPORT MODIFICATIONS	21,824	21,824
44	JOINT LIGHT TACTICAL VEHICLE	233,639	233,639
45	FAMILY OF TACTICAL TRAILERS	1,938	1,938
46	TRAILERS	10,282	10,282
	ENGINEER AND OTHER EQUIPMENT		
48	ENVIRONMENTAL CONTROL EQUIP ASSORT	1,405	1,405
50	TACTICAL FUEL SYSTEMS	1,788	1,788
51	POWER EQUIPMENT ASSORTED	9,910	9,910
52	AMPHIBIOUS SUPPORT EQUIPMENT	5,830	5,830
53	EOD SYSTEMS	27,240	27,240
	MATERIALS HANDLING EQUIPMENT		
54	PHYSICAL SECURITY EQUIPMENT	53,477	53,477
	GENERAL PROPERTY		
56	TRAINING DEVICES	76,185	85,064
	UFR: ITES-2 Force on Force Training System		[8,879]
58	FAMILY OF CONSTRUCTION EQUIPMENT	26,286	26,286
59	FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV)	1,583	1,583
	OTHER SUPPORT		
60	ITEMS LESS THAN \$5 MILLION	7,716	7,716
	SPARES AND REPAIR PARTS		
62	SPARES AND REPAIR PARTS	35,640	35,640
	TOTAL PROCUREMENT, MARINE CORPS	2,064,825	2,124,628
	AIRCRAFT PROCUREMENT, AIR FORCE		
	TACTICAL FORCES		
1	F-35	4,544,684	6,304,684
	UFR: Procure additional F-35As		[1,760,000]
2	F-35 (AP)	780,300	780,300
2a	O/A-X LIGHT ATTACK FIGHTER	0	1,200,000
	O/A-X Light Attack Fighter		[1,200,000]
	TACTICAL AIRLIFT		
3	KC-46A TANKER	2,545,674	2,945,674
	UFR: Procure KC-46		[400,000]
	OTHER AIRLIFT		
4	C-130J	57,708	219,808
	Technical adjustments		[102,000]
	UFR: C-130J simulators		[60,000]
6	HC-130J	198,502	298,502
	UFR: Procures HC-130s		[100,000]
8	MC-130J	379,373	1,609,373
	UFR: Procure MC-130J WST		[30,000]
	UFR: Procures MC-130s		[1,200,000]
9	MC-130J (AP)	30,000	30,000

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2018 Request	Senate Authorized
MISSION SUPPORT AIRCRAFT			
12	CIVIL AIR PATROL A/C	2,695	2,695
OTHER AIRCRAFT			
14	TARGET DRONES	109,841	109,841
17	MQ-9	117,141	117,141
17a	COMPASS CALL	0	108,173
	Technical adjustment		[108,173]
STRATEGIC AIRCRAFT			
18	B-2A	96,727	96,727
19	B-1B	155,634	121,634
	Excess funding		[-34,000]
20	B-52	109,295	109,295
21	LARGE AIRCRAFT INFRARED COUNTERMEASURES	4,046	4,046
TACTICAL AIRCRAFT			
22	A-10	6,010	109,010
	UFR: A-10 Wings		[103,000]
23	F-15	417,193	417,193
24	F-16	203,864	203,864
25	F-22A	161,630	161,630
26	F-22A (AP)	15,000	15,000
27	F-35 MODIFICATIONS	68,270	68,270
28	INCREMENT 3.2B	105,756	105,756
30	KC-46A TANKER	6,213	6,213
AIRLIFT AIRCRAFT			
31	C-5	36,592	36,592
32	C-5M	6,817	6,817
33	C-17A	125,522	125,522
34	C-21	13,253	13,253
35	C-32A	79,449	79,449
36	C-37A	15,423	206,723
	UFR: Procure C-37B		[191,300]
37	C-130J	10,727	0
	Technical adjustments		[-10,727]
TRAINER AIRCRAFT			
38	GLIDER MODS	136	136
39	T-6	35,706	35,706
40	T-1	21,477	21,477
41	T-38	51,641	51,641
OTHER AIRCRAFT			
42	U-2 MODS	36,406	36,406
43	KC-10A (ATCA)	4,243	4,243
44	C-12	5,846	5,846
45	VC-25A MOD	52,107	52,107
46	C-40	31,119	31,119
47	C-130	66,310	96,110
	Propulsion improvement		[26,800]
	UFR: Procures AC-130J AGM-114 Cape		[3,000]
48	C-130J MODS	171,230	181,957
	Technical adjustments		[10,727]
49	C-135	69,428	69,428
50	OC-135B	23,091	23,091
51	COMPASS CALL MODS	166,541	102,968
	Technical adjustment		[-108,173]
	UFR: Avionics Viability Program (AVP) upgrades		[10,000]
	UFR: Expected disconnect in air vehicle		[10,000]
	UFR: Mission and support equipment		[24,600]
52	COMBAT FLIGHT INSPECTION (CFIN)	495	495
53	RC-135	201,559	201,559
54	E-3	189,772	189,772
55	E-4	30,493	30,493
56	E-8	13,232	13,232
57	AIRBORNE WARNING AND CONTROL SYSTEM	164,786	164,786
58	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	24,716	31,353
	UFR: Family of Advance Beyond Line of Sight-Terminals		[6,637]
59	H-1	3,730	12,230
	UFR: UH-1N Safety Enhancements		[8,500]
60	H-60	75,989	75,989
61	RQ-4 MODS	43,968	83,568
	UFR: Replace RQ-4 TFT Antennas		[39,600]
62	HC/MC-130 MODIFICATIONS	67,674	67,674
63	OTHER AIRCRAFT	59,068	59,068
65	MQ-9 MODS	264,740	264,740
66	CV-22 MODS	60,990	60,990
AIRCRAFT SPARES AND REPAIR PARTS			
67	INITIAL SPARES/REPAIR PARTS	1,041,569	1,041,569
COMMON SUPPORT EQUIPMENT			
68	AIRCRAFT REPLACEMENT SUPPORT EQUIP	75,846	75,846
69	OTHER PRODUCTION CHARGES	8,524	8,524

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Line	Item	FY 2018 Request	Senate Authorized
71	T-53A TRAINER	501	501
	POST PRODUCTION SUPPORT		
72	B-2A	447	447
73	B-2A	38,509	38,509
74	B-52	199	199
75	C-17A	12,028	12,028
78	RC-135	29,700	29,700
79	F-15	20,000	20,000
80	F-15	2,524	2,524
81	F-16	18,051	18,051
82	F-22A	119,566	119,566
83	OTHER AIRCRAFT	85,000	85,000
85	RQ-4 POST PRODUCTION CHARGES	86,695	86,695
86	CV-22 MODS	4,500	4,500
	INDUSTRIAL PREPAREDNESS		
87	INDUSTRIAL RESPONSIVENESS	14,739	14,739
88	C-130J	102,000	-100
	Technical adjustments		[-102,000]
	WAR CONSUMABLES		
89	WAR CONSUMABLES	37,647	37,647
	OTHER PRODUCTION CHARGES		
90	OTHER PRODUCTION CHARGES	1,339,160	1,339,160
92	OTHER AIRCRAFT	600	600
	CLASSIFIED PROGRAMS		
93	CLASSIFIED PROGRAMS	53,212	53,212
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	15,430,849	20,570,286
	MISSILE PROCUREMENT, AIR FORCE		
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC		
1	MISSILE REPLACEMENT EQ-BALLISTIC	99,098	119,098
	UFR: (NUC) TE Replacement Disconnect		[20,000]
	TACTICAL		
2	JOINT AIR-SURFACE STANDOFF MISSILE	441,367	441,367
3	LRASMo	44,728	61,728
	UFR: Long Range Anti-Ship Missile (LRASM)		[17,000]
4	SIDEWINDER (AIM-9X)	125,350	125,350
5	AMRAAM	304,327	304,327
6	PREDATOR HELLFIRE MISSILE	34,867	34,867
7	SMALL DIAMETER BOMB	266,030	266,030
	INDUSTRIAL FACILITIES		
8	INDUSTRIAL PREPAREDNESS/POL PREVENTION	926	926
	CLASS IV		
9	ICBM FUZE MOD	6,334	6,334
10	MM III MODIFICATIONS	80,109	91,109
	UFR: (NUC) Upgrade Minimum Essential Emergency Communications Network (MEECN) (MMPU)		[11,000]
11	AGM-65D MAVERICK	289	289
13	AIR LAUNCH CRUISE MISSILE (ALCM)	36,425	36,425
14	SMALL DIAMETER BOMB	14,086	14,086
	MISSILE SPARES AND REPAIR PARTS		
15	INITIAL SPARES/REPAIR PARTS	101,153	101,153
	SPECIAL PROGRAMS		
20	SPECIAL UPDATE PROGRAMS	32,917	32,917
	CLASSIFIED PROGRAMS		
21	CLASSIFIED PROGRAMS	708,176	708,176
	TOTAL MISSILE PROCUREMENT, AIR FORCE	2,296,182	2,344,182
	SPACE PROCUREMENT, AIR FORCE		
	SPACE PROGRAMS		
1	ADVANCED EHF	56,974	56,974
2	AF SATELLITE COMM SYSTEM	57,516	57,516
3	COUNTERSPACE SYSTEMS	28,798	28,798
4	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	146,972	159,500
	UFR: Family of Advance Beyond Line of Sight-Terminals		[12,528]
5	WIDEBAND GAPPILLER SATELLITES(SPACE)	80,849	80,849
6	GPS III SPACE SEGMENT	85,894	85,894
7	GLOBAL POSITIONING (SPACE)	2,198	2,198
8	SPACEBORNE EQUIP (COMSEC)	25,048	25,048
10	MILSATCOM	33,033	33,033
11	EVOLVED EXPENDABLE LAUNCH CAPABILITY	957,420	957,420
12	EVOLVED EXPENDABLE LAUNCH VEH(SPACE)	606,488	606,488
13	SBIR HIGH (SPACE)	981,009	1,054,809
	UFR: SBIRS equipment		[73,800]
14	SBIR HIGH (SPACE) (AP)	132,420	132,420
15	NUDET DETECTION SYSTEM	6,370	6,370
16	SPACE MODS	37,203	58,203
	UFR: Fir Enterprise Space Battle Management Command & Control (BMC2)		[21,000]
17	SPACELIFT RANGE SYSTEM SPACE	113,874	113,874

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Line	Item	FY 2018 Request	Senate Authorized
SPARES			
18	INITIAL SPARES/REPAIR PARTS	18,709	18,709
	TOTAL SPACE PROCUREMENT, AIR FORCE	3,370,775	3,478,103
PROCUREMENT OF AMMUNITION, AIR FORCE			
ROCKETS			
1	ROCKETS	147,454	147,454
CARTRIDGES			
2	CARTRIDGES	161,744	161,744
BOMBS			
3	PRACTICE BOMBS	28,509	28,509
4	GENERAL PURPOSE BOMBS	329,501	329,501
5	MASSIVE ORDNANCE PENETRATOR (MOP)	38,382	38,382
6	JOINT DIRECT ATTACK MUNITION	319,525	319,525
7	B61	77,068	77,068
8	B61 (AP)	11,239	11,239
OTHER ITEMS			
9	CAD/PAD	53,469	53,469
10	EXPLOSIVE ORDNANCE DISPOSAL (EOD)	5,921	5,921
11	SPARES AND REPAIR PARTS	678	678
12	MODIFICATIONS	1,409	1,409
13	ITEMS LESS THAN \$5 MILLION	5,047	5,047
FLARES			
15	FLARES	143,983	143,983
FUZES			
16	FUZES	24,062	24,062
SMALL ARMS			
17	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			
1	PASSENGER CARRYING VEHICLES	15,651	16,751
	UFR: Set the Theater initiative, PACOM		[1,100]
CARGO AND UTILITY VEHICLES			
2	MEDIUM TACTICAL VEHICLE	54,607	54,607
3	CAP VEHICLES	1,011	1,011
4	CARGO AND UTILITY VEHICLES	28,670	28,670
SPECIAL PURPOSE VEHICLES			
5	SECURITY AND TACTICAL VEHICLES	59,398	70,008
	UFR: Set the Theater initiative, PACOM		[10,610]
6	SPECIAL PURPOSE VEHICLES	19,784	19,784
FIRE FIGHTING EQUIPMENT			
7	FIRE FIGHTING/CRAASH RESCUE VEHICLES	14,768	14,768
MATERIALS HANDLING EQUIPMENT			
8	MATERIALS HANDLING VEHICLES	13,561	17,761
	UFR: Set the Theater (S/T) PACOM		[4,200]
BASE MAINTENANCE SUPPORT			
9	RUNWAY SNOW REMOV & CLEANING EQUIP	3,429	16,659
	UFR: Set the Theater (S/T) PACOM		[13,230]
10	BASE MAINTENANCE SUPPORT VEHICLES	60,075	60,524
	UFR: Set the Theater (S/T) PACOM		[449]
COMM SECURITY EQUIPMENT(COMSEC)			
11	COMSEC EQUIPMENT	115,000	123,000
	UFR: Cyber Squadron Initiative		[8,000]
INTELLIGENCE PROGRAMS			
13	INTERNATIONAL INTEL TECH & ARCHITECTURES	22,335	22,335
14	INTELLIGENCE TRAINING EQUIPMENT	5,892	5,892
15	INTELLIGENCE COMM EQUIPMENT	34,072	34,072
ELECTRONICS PROGRAMS			
16	AIR TRAFFIC CONTROL & LANDING SYS	66,143	123,343
	UFR: Cyber Squadron Initiative (WSCR)		[8,000]
	UFR: Deployable Radar Approach Control		[33,000]
	UFR: D-ILS Procurement		[16,200]
17	NATIONAL AIRSPACE SYSTEM	12,641	12,641
18	BATTLE CONTROL SYSTEM—FIXED	6,415	7,815
	UFR: Battle Control System (BCS) Tech Refresh		[1,400]
19	THEATER AIR CONTROL SYS IMPROVEMENTS	23,233	23,233
20	WEATHER OBSERVATION FORECAST	40,116	70,116
	UFR: Installation and Notification Warning System (INWS) (ANG)		[30,000]
21	STRATEGIC COMMAND AND CONTROL	72,810	72,810
22	CHEYENNE MOUNTAIN COMPLEX	9,864	9,864
23	MISSION PLANNING SYSTEMS	15,486	15,486
25	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN)	9,187	9,187
SPCL COMM-ELECTRONICS PROJECTS			
26	GENERAL INFORMATION TECHNOLOGY	51,826	58,126
	UFR: AFSPC Cyber Request for CMF Initial Skills Training (IST) Pipeline		[6,300]
27	AF GLOBAL COMMAND & CONTROL SYS	3,634	3,634

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Line	Item	FY 2018 Request	Senate Authorized
28	MOBILITY COMMAND AND CONTROL	10,083	10,083
29	AIR FORCE PHYSICAL SECURITY SYSTEM	201,866	201,866
30	COMBAT TRAINING RANGES	115,198	115,198
31	MINIMUM ESSENTIAL EMERGENCY COMM N	292	292
32	WIDE AREA SURVEILLANCE (WAS)	62,087	62,087
33	C3 COUNTERMEASURES	37,764	37,764
34	GCSS-AF FOS	2,826	2,826
35	DEFENSE ENTERPRISE ACCOUNTING AND MGMT SYSTEM	1,514	1,514
36	THEATER BATTLE MGT C3 SYSTEM	9,646	9,646
37	AIR & SPACE OPERATIONS CTR-WPN SYS	25,533	25,533
	AIR FORCE COMMUNICATIONS		
40	BASE INFORMATION TRANSP T INFRAS T (BITI) WIRED	28,159	28,159
41	AFNET	160,820	356,420
	UFR: ARAD Enterprise Software		[26,000]
	UFR: Inst Processing Nodes in FY18		[169,600]
42	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	5,135	5,135
43	USCENTCOM	18,719	18,719
	ORGANIZATION AND BASE		
44	TACTICAL C-E EQUIPMENT	123,206	123,206
45	COMBAT SURVIVOR EVADER LOCATER	3,004	3,004
46	RADIO EQUIPMENT	15,736	15,736
47	CCTV/AUDIOVISUAL EQUIPMENT	5,480	5,480
48	BASE COMM INFRASTRUCTURE	130,539	130,539
	MODIFICATIONS		
49	COMM ELECT MODS	70,798	70,798
	PERSONAL SAFETY & RESCUE EQUIP		
51	ITEMS LESS THAN \$5 MILLION	52,964	137,664
	UFR: Battlefield Airman Combat Equipment		[83,700]
	UFR: Procure Parachute Phantom Oxygen System		[1,000]
	DEPOT PLANT+MTRLS HANDLING EQ		
52	MECHANIZED MATERIAL HANDLING EQUIP	10,381	10,381
	BASE SUPPORT EQUIPMENT		
53	BASE PROCURED EQUIPMENT	15,038	15,038
54	ENGINEERING AND EOD EQUIPMENT	26,287	26,287
55	MOBILITY EQUIPMENT	8,470	45,150
	UFR: Basic Expeditionary Airfield Resources spare requirements in support of the Set the Theater, PACOM		[36,680]
56	ITEMS LESS THAN \$5 MILLION	28,768	28,768
	SPECIAL SUPPORT PROJECTS		
58	DARP RC135	25,985	25,985
59	DCGS-AF	178,423	178,423
61	SPECIAL UPDATE PROGRAM	840,980	840,980
	CLASSIFIED PROGRAMS		
62	CLASSIFIED PROGRAMS	16,601,513	16,601,513
	SPARES AND REPAIR PARTS		
64	SPARES AND REPAIR PARTS	26,675	29,605
	UFR: Basic Expeditionary Airfield Resources spare requirements in support of the Set the Theater, PACOM		[2,930]
	TOTAL OTHER PROCUREMENT, AIR FORCE	19,603,497	20,055,896
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, OSD		
42	MAJOR EQUIPMENT, OSD	36,999	36,999
	MAJOR EQUIPMENT, NSA		
41	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	5,938	5,938
	MAJOR EQUIPMENT, WHS		
45	MAJOR EQUIPMENT, WHS	10,529	10,529
	MAJOR EQUIPMENT, DISA		
7	INFORMATION SYSTEMS SECURITY	24,805	24,805
8	TELEPORT PROGRAM	46,638	46,638
9	ITEMS LESS THAN \$5 MILLION	15,541	15,541
10	NET CENTRIC ENTERPRISE SERVICES (NCES)	1,161	1,161
11	DEFENSE INFORMATION SYSTEM NETWORK	126,345	126,345
12	CYBER SECURITY INITIATIVE	1,817	1,817
13	WHITE HOUSE COMMUNICATION AGENCY	45,243	45,243
14	SENIOR LEADERSHIP ENTERPRISE	294,139	294,139
16	JOINT REGIONAL SECURITY STACKS (JRSS)	188,483	188,483
17	JOINT SERVICE PROVIDER	100,783	100,783
	MAJOR EQUIPMENT, DLA		
19	MAJOR EQUIPMENT	2,951	2,951
	MAJOR EQUIPMENT, DSS		
23	MAJOR EQUIPMENT	1,073	1,073
	MAJOR EQUIPMENT, DCAA		
1	ITEMS LESS THAN \$5 MILLION	1,475	1,475
	MAJOR EQUIPMENT, TJS		
43	MAJOR EQUIPMENT, TJS	9,341	9,341
44	MAJOR EQUIPMENT, TJS—CE2T2	903	903
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY		

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Line	Item	FY 2018 Request	Senate Authorized
27	THAAD	451,592	770,992
	UFR: Procures additional THAAD Interceptors		[319,400]
28	AEGIS BMD	425,018	425,018
29	AEGIS BMD (AP)	38,738	38,738
30	BMDs AN/TPY-2 RADARS	947	947
33	AEGIS ASHORE PHASE III	59,739	59,739
34	IRON DOME	42,000	92,000
	Increase for Co-production of Iron Dome Tamir interceptors		[50,000]
35	AEGIS BMD HARDWARE AND SOFTWARE	160,330	160,330
78	DAVID'S SLING	0	120,000
	Increase to DSWS Co-production		[120,000]
79	ARROW UPPER TIER	0	120,000
	Increase Arrow 3 Co-production		[120,000]
	MAJOR EQUIPMENT, DHRA		
3	PERSONNEL ADMINISTRATION	14,588	14,588
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY		
25	VEHICLES	204	204
26	OTHER MAJOR EQUIPMENT	12,363	12,363
	MAJOR EQUIPMENT, DODEA		
21	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	1,910	1,910
	MAJOR EQUIPMENT, DCMA		
2	MAJOR EQUIPMENT	4,347	4,347
	MAJOR EQUIPMENT, DMACT		
20	MAJOR EQUIPMENT	13,464	13,464
	CLASSIFIED PROGRAMS		
46	CLASSIFIED PROGRAMS	657,759	657,759
	AVIATION PROGRAMS		
49	ROTARY WING UPGRADES AND SUSTAINMENT	158,988	145,488
	SOCOM requested transfer		[-13,500]
50	UNMANNED ISR	13,295	13,295
51	NON-STANDARD AVIATION	4,892	4,892
52	U-28	5,769	20,569
	UFR: Aircraft loss replacement		[14,800]
53	MH-47 CHINOOK	87,345	87,345
55	CV-22 MODIFICATION	42,178	42,178
57	MQ-9 UNMANNED AERIAL VEHICLE	21,660	21,660
59	PRECISION STRIKE PACKAGE	229,728	229,728
60	AC/MC-130J	179,934	179,934
61	C-130 MODIFICATIONS	28,059	28,059
	SHIPBUILDING		
62	UNDERWATER SYSTEMS	92,606	79,806
	SOCOM requested transfer		[-12,800]
	AMMUNITION PROGRAMS		
63	ORDNANCE ITEMS <\$5M	112,331	112,331
	OTHER PROCUREMENT PROGRAMS		
64	INTELLIGENCE SYSTEMS	82,538	82,538
65	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	11,042	11,042
66	OTHER ITEMS <\$5M	54,592	54,592
67	COMBATANT CRAFT SYSTEMS	23,272	23,272
68	SPECIAL PROGRAMS	16,053	16,053
69	TACTICAL VEHICLES	63,304	63,304
70	WARRIOR SYSTEMS <\$5M	252,070	252,070
71	COMBAT MISSION REQUIREMENTS	19,570	19,570
72	GLOBAL VIDEO SURVEILLANCE ACTIVITIES	3,589	3,589
73	OPERATIONAL ENHANCEMENTS INTELLIGENCE	17,953	17,953
75	OPERATIONAL ENHANCEMENTS	241,429	254,679
	UFR: Medium Precision Strike munitions		[13,250]
	CBDP		
76	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	135,031	135,031
77	CB PROTECTION & HAZARD MITIGATION	141,027	141,027
	TOTAL PROCUREMENT, DEFENSE-WIDE	4,835,418	5,446,568
	JOINT URGENT OPERATIONAL NEEDS FUND		
	JOINT URGENT OPERATIONAL NEEDS FUND		
1	JOINT URGENT OPERATIONAL NEEDS FUND	99,795	99,795
	TOTAL JOINT URGENT OPERATIONAL NEEDS FUND	99,795	99,795
	UNDISTRIBUTED		
	UNDISTRIBUTED		
1	UNDISTRIBUTED	0	1,870,600
	ERI costs transfer from OCO		[1,870,600]
	TOTAL UNDISTRIBUTED	0	1,870,600
	TOTAL PROCUREMENT	113,983,713	140,317,237

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	Senate Authorized
AIRCRAFT PROCUREMENT, ARMY			
FIXED WING			
4	MQ-1 UAV	87,300	87,300
ROTARY			
6	AH-64 APACHE BLOCK IIIA REMAN	39,040	39,040
MODIFICATION OF AIRCRAFT			
15	MQ-1 PAYLOAD (MIP)	41,400	41,400
18	MULTI SENSOR ABN RECON (MIP)	33,475	33,475
23	EMARSS SEMA MODS (MIP)	36,000	36,000
27	COMMS, NAV SURVEILLANCE	4,289	4,289
GROUND SUPPORT AVIONICS			
33	CMWS	139,742	139,742
34	COMMON INFRARED COUNTERMEASURES (CIRCM)	43,440	43,440
TOTAL AIRCRAFT PROCUREMENT, ARMY		424,686	424,686
MISSILE PROCUREMENT, ARMY			
AIR-TO-SURFACE MISSILE SYSTEM			
5	HELLFIRE SYS SUMMARY	278,073	278,073
ANTI-TANK/ASSAULT MISSILE SYS			
8	JAVELIN (LAWS-M) SYSTEM SUMMARY	8,112	8,112
9	TOW 2 SYSTEM SUMMARY	3,907	3,907
11	GUIDED MLRS ROCKET (GMLRS)	191,522	191,522
13	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)	41,000	41,000
14	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS)	8,669	8,669
MODIFICATIONS			
18	STINGER MODS	28,000	28,000
TOTAL MISSILE PROCUREMENT, ARMY		559,283	559,283
PROCUREMENT OF W&TCV, ARMY			
TRACKED COMBAT VEHICLES			
1	BRADLEY PROGRAM	200,000	200,000
2	ARMORED MULTI PURPOSE VEHICLE (AMPV)	253,903	253,903
MODIFICATION OF TRACKED COMBAT VEHICLES			
6	BRADLEY PROGRAM (MOD)	30,000	30,000
8	PALADIN INTEGRATED MANAGEMENT (PIM)	125,736	125,736
14	M1 ABRAMS TANK (MOD)	138,700	138,700
15	ABRAMS UPGRADE PROGRAM	442,800	442,800
TOTAL PROCUREMENT OF W&TCV, ARMY		1,191,139	1,191,139
PROCUREMENT OF AMMUNITION, ARMY			
SMALL/MEDIUM CAL AMMUNITION			
3	CTG, HANDGUN, ALL TYPES	5	5
4	CTG, .50 CAL, ALL TYPES	121	121
5	CTG, 20MM, ALL TYPES	1,605	1,605
7	CTG, 30MM, ALL TYPES	35,000	35,000
ARTILLERY AMMUNITION			
15	PROJ 155MM EXTENDED RANGE M982	23,234	23,234
16	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	20,023	20,023
MINES			
17	MINES & CLEARING CHARGES, ALL TYPES	11,615	11,615
ROCKETS			
19	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	25,000	25,000
20	ROCKET, HYDRA 70, ALL TYPES	75,820	75,820
OTHER AMMUNITION			
24	SIGNALS, ALL TYPES	1,013	1,013
TOTAL PROCUREMENT OF AMMUNITION, ARMY		193,436	193,436
OTHER PROCUREMENT, ARMY			
TACTICAL VEHICLES			
10	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	25,874	25,874
12	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV	38,628	38,628
14	MODIFICATION OF IN SVC EQUIP	64,647	64,647
15	MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS	17,508	17,508
COMM—JOINT COMMUNICATIONS			
20	SIGNAL MODERNIZATION PROGRAM	4,900	4,900
COMM—COMBAT COMMUNICATIONS			
41	TRACTOR RIDE	1,000	1,000
COMM—BASE COMMUNICATIONS			
62	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	2,500	2,500
ELECT EQUIP—TACT INT REL ACT (TIARA)			
68	DCGS-A (MIP)	39,515	39,515
70	TROJAN (MIP)	21,310	21,310
71	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	2,300	2,300

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2018 Request	Senate Authorized
72	CI HUMINT AUTO REPRTING AND COLL(CHARCS)	14,460	14,460
75	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP)	5,180	5,180
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
80	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIE	16,935	16,935
81	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	18,874	18,874
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
84	NIGHT VISION DEVICES	377	377
85	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	60	60
87	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	57,500	57,500
93	MOD OF IN-SVC EQUIP (LLDR)	3,974	3,974
95	MORTAR FIRE CONTROL SYSTEM	2,947	2,947
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
98	AIR & MSL DEFENSE PLANNING & CONTROL SYS	9,100	9,100
	CHEMICAL DEFENSIVE EQUIPMENT		
119	BASE DEFENSE SYSTEMS (BDS)	3,726	3,726
	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	25,690
	MAINTENANCE EQUIPMENT		
149	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	1,124	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	2,700
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
173	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	7,500	7,500
	OTHER SUPPORT EQUIPMENT		
176	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	8,500	8,500
	TOTAL OTHER PROCUREMENT, ARMY	405,575	405,575
	JOINT IMPROVISED-THREAT DEFEAT FUND		
	NETWORK ATTACK		
1	RAPID ACQUISITION AND THREAT RESPONSE	483,058	483,058
	TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND	483,058	483,058
	AIRCRAFT PROCUREMENT, NAVY		
	OTHER AIRCRAFT		
27	STUASLo UAV	3,900	3,900
	MODIFICATION OF AIRCRAFT		
34	H-53 SERIES	950	950
35	SH-60 SERIES	15,382	15,382
37	EP-3 SERIES	7,220	7,220
47	SPECIAL PROJECT AIRCRAFT	19,855	19,855
51	COMMON ECM EQUIPMENT	75,530	75,530
62	QRC	15,150	15,150
	AIRCRAFT SPARES AND REPAIR PARTS		
64	SPARES AND REPAIR PARTS	18,850	18,850
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
66	AIRCRAFT INDUSTRIAL FACILITIES	463	463
	TOTAL AIRCRAFT PROCUREMENT, NAVY	157,300	157,300
	WEAPONS PROCUREMENT, NAVY		
	STRATEGIC MISSILES		
3	TOMAHAWK	100,086	100,086
	TACTICAL MISSILES		
7	STANDARD MISSILE	35,208	35,208
11	HELLFIRE	8,771	8,771
12	LASER MAVERICK	5,040	5,040
	MODIFICATION OF MISSILES		
17	ESSM	1,768	1,768
	GUNS AND GUN MOUNTS		
35	SMALL ARMS AND WEAPONS	1,500	1,500
	TOTAL WEAPONS PROCUREMENT, NAVY	152,373	152,373
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
1	GENERAL PURPOSE BOMBS	74,021	74,021
2	JDAM	106,941	106,941
3	AIRBORNE ROCKETS, ALL TYPES	1,184	1,184
7	AIR EXPENDABLE COUNTERMEASURES	15,700	15,700
8	JATOS	540	540
12	OTHER SHIP GUN AMMUNITION	13,789	13,789

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
13	SMALL ARMS & LANDING PARTY AMMO	1,963	1,963
14	PYROTECHNIC AND DEMOLITION	765	765
16	AMMUNITION LESS THAN \$5 MILLION	866	866
	MARINE CORPS AMMUNITION		
20	MORTARS	1,290	1,290
23	DIRECT SUPPORT MUNITIONS	1,355	1,355
24	INFANTRY WEAPONS AMMUNITION	1,854	1,854
33	ARTILLERY MUNITIONS	5,319	5,319
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	225,587	225,587
	OTHER PROCUREMENT, NAVY		
	OTHER SHIPBOARD EQUIPMENT		
25	UNDERWATER EOD PROGRAMS	12,348	12,348
	SMALL BOATS		
32	STANDARD BOATS	18,000	18,000
	SHIP SONARS		
46	SSN ACOUSTIC EQUIPMENT	43,500	43,500
	AVIATION ELECTRONIC EQUIPMENT		
78	NAVAL MISSION PLANNING SYSTEMS	2,550	2,550
	OTHER SHORE ELECTRONIC EQUIPMENT		
80	TACTICAL/MOBILE CAI SYSTEMS	7,900	7,900
81	DCGS-N	6,392	6,392
	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	496
134	FIRE FIGHTING EQUIPMENT	2,304	2,304
135	TACTICAL VEHICLES	2,336	2,336
	SUPPLY SUPPORT EQUIPMENT		
141	SUPPLY EQUIPMENT	164	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	1,000
155	PHYSICAL SECURITY EQUIPMENT	15,890	15,890
	CLASSIFIED PROGRAMS	2,200	2,200
	CLASSIFIED PROGRAMS		
	SPARES AND REPAIR PARTS		
161	SPARES AND REPAIR PARTS	1,178	1,178
	TOTAL OTHER PROCUREMENT, NAVY	220,059	220,059
	PROCUREMENT, MARINE CORPS		
	ARTILLERY AND OTHER WEAPONS		
6	HIGH MOBILITY ARTILLERY ROCKET SYSTEM	5,360	5,360
	GUIDED MISSILES		
11	JAVELIN	2,833	2,833
12	FOLLOW ON TO SMAW	49	49
13	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-II)	5,024	5,024
	REPAIR AND TEST EQUIPMENT		
17	REPAIR AND TEST EQUIPMENT	8,241	8,241
	OTHER SUPPORT (TEL)		
19	MODIFICATION KITS	750	750
	COMMAND AND CONTROL SYSTEM (NON-TEL)		
20	ITEMS UNDER \$5 MILLION (COMM & ELEC)	200	200
	RADAR + EQUIPMENT (NON-TEL)		
24	RQ-21 UAS	8,400	8,400
	INTELL/COMM EQUIPMENT (NON-TEL)		
26	FIRE SUPPORT SYSTEM	50	50
27	INTELLIGENCE SUPPORT EQUIPMENT	3,000	3,000
	OTHER SUPPORT (NON-TEL)		
37	COMMAND POST SYSTEMS	5,777	5,777
38	RADIO SYSTEMS	4,590	4,590
	ENGINEER AND OTHER EQUIPMENT		
53	EOD SYSTEMS	21,000	21,000
	TOTAL PROCUREMENT, MARINE CORPS	65,274	65,274
	AIRCRAFT PROCUREMENT, AIR FORCE		
	OTHER AIRCRAFT		
17	MQ-9	271,080	271,080
	AIRLIFT AIRCRAFT		
33	C-17A	26,850	26,850

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
OTHER AIRCRAFT			
48	C-130J MODS	8,400	8,400
51	COMPASS CALL MODS	56,720	56,720
56	E-8	3,000	3,000
62	HC/MC-130 MODIFICATIONS	153,080	153,080
63	OTHER AIRCRAFT	10,381	10,381
65	MQ-9 MODS	56,400	56,400
AIRCRAFT SPARES AND REPAIR PARTS			
67	INITIAL SPARES/REPAIR PARTS	129,450	129,450
COMMON SUPPORT EQUIPMENT			
68	AIRCRAFT REPLACEMENT SUPPORT EQUIP	25,417	25,417
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	740,778	740,778
MISSILE PROCUREMENT, AIR FORCE			
TACTICAL			
6	PREDATOR HELLFIRE MISSILE	294,480	294,480
7	SMALL DIAMETER BOMB	90,920	90,920
CLASS IV			
11	AGM-65D MAVERICK	10,000	10,000
	TOTAL MISSILE PROCUREMENT, AIR FORCE	395,400	395,400
SPACE PROCUREMENT, AIR FORCE			
SPACE PROGRAMS			
10	MILSATCOM	2,256	2,256
	TOTAL SPACE PROCUREMENT, AIR FORCE	2,256	2,256
PROCUREMENT OF AMMUNITION, AIR FORCE			
ROCKETS			
1	ROCKETS	49,050	49,050
CARTRIDGES			
2	CARTRIDGES	11,384	11,384
BOMBS			
6	JOINT DIRECT ATTACK MUNITION	390,577	390,577
FLARES			
15	FLARES	3,498	3,498
FUZES			
16	FUZES	47,000	47,000
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	501,509	501,509
OTHER PROCUREMENT, AIR FORCE			
PASSENGER CARRYING VEHICLES			
1	PASSENGER CARRYING VEHICLES	3,855	3,855
CARGO AND UTILITY VEHICLES			
4	CARGO AND UTILITY VEHICLES	1,882	1,882
SPECIAL PURPOSE VEHICLES			
5	SECURITY AND TACTICAL VEHICLES	1,100	1,100
6	SPECIAL PURPOSE VEHICLES	32,479	32,479
FIRE FIGHTING EQUIPMENT			
7	FIRE FIGHTING/CRASH RESCUE VEHICLES	22,583	22,583
MATERIALS HANDLING EQUIPMENT			
8	MATERIALS HANDLING VEHICLES	5,353	5,353
BASE MAINTENANCE SUPPORT			
9	RUNWAY SNOW REMOV & CLEANING EQUIP	11,315	11,315
10	BASE MAINTENANCE SUPPORT VEHICLES	40,451	40,451
INTELLIGENCE PROGRAMS			
13	INTERNATIONAL INTEL TECH & ARCHITECTURES	8,873	8,873
15	INTELLIGENCE COMM EQUIPMENT	2,000	2,000
ELECTRONICS PROGRAMS			
16	AIR TRAFFIC CONTROL & LANDING SYS	56,500	56,500
19	THEATER AIR CONTROL SYS IMPROVEMENTS	4,970	4,970
SPCL COMM-ELECTRONICS PROJECTS			
29	AIR FORCE PHYSICAL SECURITY SYSTEM	3,000	3,000
ORGANIZATION AND BASE			
48	BASE COMM INFRASTRUCTURE	55,000	55,000
PERSONAL SAFETY & RESCUE EQUIP			
51	ITEMS LESS THAN \$5 MILLION	8,469	8,469
BASE SUPPORT EQUIPMENT			
53	BASE PROCURED EQUIPMENT	7,500	7,500
54	ENGINEERING AND EOD EQUIPMENT	80,427	80,427
56	ITEMS LESS THAN \$5 MILLION	110,405	110,405
SPECIAL SUPPORT PROJECTS			
58	DARP RC135	700	700
59	DCGS-AF	9,200	9,200
	CLASSIFIED PROGRAMS	3,542,825	3,542,825
	TOTAL OTHER PROCUREMENT, AIR FORCE	4,008,887	4,008,887
PROCUREMENT, DEFENSE-WIDE			
MAJOR EQUIPMENT, DISA			

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
8	TELEPORT PROGRAM	1,979	1,979
18	DEFENSE INFORMATION SYSTEMS NETWORK	12,000	12,000
	CLASSIFIED PROGRAMS	43,653	43,653
	AVIATION PROGRAMS		
46	MANNED ISR	15,900	15,900
47	MC-12	20,000	20,000
50	UNMANNED ISR	38,933	38,933
51	NON-STANDARD AVIATION	9,600	9,600
52	U-28	8,100	8,100
53	MH-47 CHINOOK	10,270	10,270
57	MQ-9 UNMANNED AERIAL VEHICLE	19,780	19,780
61	C-130 MODIFICATIONS	3,750	3,750
	AMMUNITION PROGRAMS		
63	ORDNANCE ITEMS <\$5M	62,643	62,643
	OTHER PROCUREMENT PROGRAMS		
64	INTELLIGENCE SYSTEMS	12,000	12,000
69	TACTICAL VEHICLES	38,527	38,527
70	WARRIOR SYSTEMS <\$5M	20,215	20,215
73	OPERATIONAL ENHANCEMENTS INTELLIGENCE	7,134	7,134
75	OPERATIONAL ENHANCEMENTS	193,542	209,442
	UFR: Joint Task Force Platform Expansion		[15,900]
	TOTAL PROCUREMENT, DEFENSE-WIDE	518,026	533,926
	UNDISTRIBUTED		
1	UNDISTRIBUTED		-1,870,600
	ERI costs transfer from OCO to base		[-1,870,600]
	TOTAL UNDISTRIBUTED	0	0
	TOTAL PROCUREMENT	10,244,626	8,389,926

1 **TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
 2 **TION**
 3 **TION**

4 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
 5 **TION.**

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

<i>Line</i>	<i>Program Element</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
		RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY		
		BASIC RESEARCH		
1	0601101A	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	12,010	12,010
2	0601102A	DEFENSE RESEARCH SCIENCES	263,590	273,590
		Basic research program increase		[10,000]
3	0601103A	UNIVERSITY RESEARCH INITIATIVES	67,027	67,027
4	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	87,395	92,395
		Basic research program increase		[5,000]
235	111111	UNDISTRIBUTED BASIC RESEARCH	0	10,000
		Modernizing Army capabilities and Third Offset		[10,000]
		SUBTOTAL BASIC RESEARCH	430,022	455,022
		APPLIED RESEARCH		
5	0602105A	MATERIALS TECHNOLOGY	29,640	39,640
		Strategic materials		[10,000]
6	0602120A	SENSORS AND ELECTRONIC SURVIVABILITY	35,730	35,730
7	0602122A	TRACTOR HIP	8,627	8,627
8	0602211A	AVIATION TECHNOLOGY	66,086	61,086
		General program reduction		[-5,000]
9	0602270A	ELECTRONIC WARFARE TECHNOLOGY	27,144	27,144
10	0602303A	MISSILE TECHNOLOGY	43,742	43,742
11	0602307A	ADVANCED WEAPONS TECHNOLOGY	22,785	22,785
12	0602308A	ADVANCED CONCEPTS AND SIMULATION	28,650	28,650
13	0602601A	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	67,232	67,232
14	0602618A	BALLISTICS TECHNOLOGY	85,309	85,309
15	0602622A	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY	4,004	4,004

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Senate Authorized
16	0602623A	JOINT SERVICE SMALL ARMS PROGRAM	5,615	5,615
17	0602624A	WEAPONS AND MUNITIONS TECHNOLOGY	41,455	41,455
18	0602705A	ELECTRONICS AND ELECTRONIC DEVICES	58,352	58,352
19	0602709A	NIGHT VISION TECHNOLOGY	34,723	34,723
20	0602712A	COUNTERMINE SYSTEMS	26,190	26,190
21	0602716A	HUMAN FACTORS ENGINEERING TECHNOLOGY	24,127	24,127
22	0602720A	ENVIRONMENTAL QUALITY TECHNOLOGY	21,678	21,678
23	0602782A	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	33,123	38,123
		<i>Position, navigation, and timing technologies</i>		[5,000]
24	0602783A	COMPUTER AND SOFTWARE TECHNOLOGY	14,041	14,041
25	0602784A	MILITARY ENGINEERING TECHNOLOGY	67,720	67,720
26	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	20,216	20,216
27	0602786A	WARFIGHTER TECHNOLOGY	39,559	39,559
28	0602787A	MEDICAL TECHNOLOGY	83,434	83,434
236	222222	UNDISTRIBUTED APPLIED RESEARCH	0	15,000
		<i>Modernizing Army capabilities and Third Offset</i>		[15,000]
		SUBTOTAL APPLIED RESEARCH	889,182	914,182
		ADVANCED TECHNOLOGY DEVELOPMENT		
29	0603001A	WARFIGHTER ADVANCED TECHNOLOGY	44,863	44,863
30	0603002A	MEDICAL ADVANCED TECHNOLOGY	67,780	67,780
31	0603003A	AVIATION ADVANCED TECHNOLOGY	160,746	140,746
		<i>Platform design & structure systems</i>		[-20,000]
32	0603004A	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	84,079	84,079
33	0603005A	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	125,537	125,537
34	0603006A	SPACE APPLICATION ADVANCED TECHNOLOGY	12,231	12,231
35	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	6,466	6,466
36	0603009A	TRACTOR HIKE	28,552	28,552
37	0603015A	NEXT GENERATION TRAINING & SIMULATION SYSTEMS	16,434	16,434
39	0603125A	COMBATING TERRORISM—TECHNOLOGY DEVELOPMENT	26,903	26,903
40	0603130A	TRACTOR NAIL	4,880	4,880
41	0603131A	TRACTOR EGGS	4,326	4,326
42	0603270A	ELECTRONIC WARFARE TECHNOLOGY	31,296	31,296
43	0603313A	MISSILE AND ROCKET ADVANCED TECHNOLOGY	62,850	62,850
44	0603322A	TRACTOR CAGE	12,323	12,323
45	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	182,331	222,331
		<i>Program increase</i>		[40,000]
46	0603606A	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY ..	17,948	17,948
47	0603607A	JOINT SERVICE SMALL ARMS PROGRAM	5,796	5,796
48	0603710A	NIGHT VISION ADVANCED TECHNOLOGY	47,135	47,135
49	0603728A	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS	10,421	10,421
50	0603734A	MILITARY ENGINEERING ADVANCED TECHNOLOGY	32,448	27,448
		<i>Combat engineering system</i>		[-5,000]
51	0603772A	ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY	52,206	52,206
52	0603794A	C3 ADVANCED TECHNOLOGY	33,426	33,426
237	333333	UNDISTRIBUTED ADVANCED TECHNOLOGY DEVELOPMENT	0	20,000
		<i>Modernizing Army capabilities and Third Offset</i>		[20,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT ..	1,070,977	1,105,977
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
53	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	9,634	9,634
55	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	33,949	33,949
56	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV	72,909	72,909
57	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS—ADV DEV ..	7,135	7,135
58	0603639A	TANK AND MEDIUM CALIBER AMMUNITION	41,452	65,902
		<i>UPR: Munitions and CM development</i>		[24,450]
59	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV	32,739	102,739
		<i>UPR: Supports development of critical ground combat vehicle technologies.</i>		[70,000]
60	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	10,157	10,157
61	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV	27,733	29,353
		<i>UPR: Funds of the Advanced Miniaturized Data Acquisition System-Next.</i>		[1,620]
62	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	12,347	12,347
63	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL	10,456	10,456
64	0603790A	NATO RESEARCH AND DEVELOPMENT	2,588	2,588
65	0603801A	AVIATION—ADV DEV	14,055	14,055
66	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	35,333	35,333
67	0603807A	MEDICAL SYSTEMS—ADV DEV	33,491	33,491
68	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT	20,239	20,239
69	0604017A	ROBOTICS DEVELOPMENT	39,608	44,608
		<i>UPR: Accelerate armed Robotic Wingman development</i>		[5,000]
70	0604100A	ANALYSIS OF ALTERNATIVES	9,921	9,921
71	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR	76,728	76,728
72	0604115A	TECHNOLOGY MATURATION INITIATIVES	115,221	115,221

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73	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD)	20,000	20,000
74	0604118A	TRACTOR BEAM	10,400	10,400
75	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	164,967	165,093
		UFR: Fully funds Anti-Jam Antenna development and testing		[126]
76	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING.	1,600	1,600
77	0604319A	INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2—INTERCEPT (IFPC ²).	11,303	11,303
78	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	56,492	56,492
79	1206308A	ARMY SPACE SYSTEMS INTEGRATION	20,432	20,432
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	890,889	992,085
		SYSTEM DEVELOPMENT & DEMONSTRATION		
80	0604201A	AIRCRAFT AVIONICS	30,153	42,153
		UFR: Funds implementation of Assured Position, Navigation, and Timing (A-PNT).		[12,000]
81	0604270A	ELECTRONIC WARFARE DEVELOPMENT	71,671	71,671
83	0604290A	MID-TIER NETWORKING VEHICULAR RADIO (MNV ^R)	10,589	10,589
84	0604321A	ALL SOURCE ANALYSIS SYSTEM	4,774	4,774
85	0604328A	TRACTOR CAGE	17,252	30,252
		UFR: Provides the Army's Cyber Mission Force (CMF) with classified cyber tools.		[13,000]
86	0604601A	INFANTRY SUPPORT WEAPONS	87,643	93,643
		UFR: Acceleration of qualification of XM914 and XM913		[6,000]
87	0604604A	MEDIUM TACTICAL VEHICLES	6,039	6,039
88	0604611A	JAVELIN	21,095	21,095
89	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES	10,507	10,507
90	0604633A	AIR TRAFFIC CONTROL	3,536	3,536
92	0604642A	LIGHT TACTICAL WHEELED VEHICLES	7,000	7,000
93	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV	36,242	36,242
94	0604710A	NIGHT VISION SYSTEMS—ENG DEV	108,504	126,004
		UFR: Develop Thermal Weapon Sights		[17,500]
95	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	3,702	3,702
96	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV	43,575	43,575
97	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	28,726	28,726
98	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	18,562	18,562
99	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 SUBUNITION (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
104	0604802A	WEAPONS AND MUNITIONS—ENG DEV	145,232	161,410
		UFR: 105mm Anti-Personnel / Wall Breach Ammunition		[8,000]
		UFR: Devops the 40mm Low Velocity M320 Door Breaching cartridge		[4,178]
		UFR: Testing for the Anti-Tank Confined Space Tandem Warhead		[4,000]
105	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	90,965	90,965
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	164,409
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	16,127
114	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD	98,600	133,600
		UFR: Expands installation of Active Protection Systems		[25,000]
		UFR: Modular Active Protection System		[10,000]
115	0604854A	ARTILLERY SYSTEMS—EMD	1,972	3,972
		UFR: Funds research for 55 cal tube		[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
		UFR: Develops Offensive Cyber Operations capabilities		[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 (CIRCM)	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

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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	22
		<i>Consolidate requirements</i>		[-20,300]
132	0605049A	MISSILE WARNING SYSTEM MODERNIZATION (MWSM)	55,810	210,810
		<i>UFR: Supports Directed Requirement for Limited Interim Missile Warning System to detect Enemy (MANPADS).</i>		[155,000]
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 (JTTRS)	8,965	8,965
138	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM)	34,626	34,626
140	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AAMD)	336,420	136,420
		<i>Early to need</i>		[-200,000]
143	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP)	6,882	9,382
		<i>UFR: Funds development for Remote Ground Terminal</i>		[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	3,130,618
		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	251,025
		<i>UFR: Increases funding for facilities sustainment from 75% to 83% ..</i>		[4,362]
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
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	1,258,207
		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	144,745
		<i>UFR: Accelerates LRPF procurement from FY25</i>		[42,731]
184	0607135A	APACHE PRODUCT IMPROVEMENT PROGRAM	59,977	59,977
185	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM	34,416	34,416
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	18,064
		<i>UFR: Qualifies M282 for use by AH-64 aircraft</i>		[8,000]
192	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	38,463	38,463
193	0607665A	FAMILY OF BIOMETRICS	6,159	6,159
194	0607865A	PATRIOT PRODUCT IMPROVEMENT	90,217	180,217

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		UFR: Funds Terminal High Altitude Area Defense (THAAD)/Missile Segment Enhanced (MSE) integration.		[90,000]
195	0202429A	AEROSTAT JOINT PROJECT—COCOM EXERCISE	6,749	6,749
196	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCs).	33,520	33,520
197	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS	343,175	351,175
		Laser warning sensor suite		[4,000]
		UFR: Accelerate the development of the M88A2E1		[4,000]
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	28,723
		UFR: Supports research for the Stinger Product Improvement Program (PIP).		[26,000]
204	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	5,000	5,000
205	0203808A	TRACTOR CARD	37,883	37,883
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	35,652
		UFR: Funds Offensive Cyber capabilities development		[21,845]
214	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM	132,438	132,438
215	0303141A	GLOBAL COMBAT SUPPORT SYSTEM	64,370	64,370
217	0303150A	WWJCCS/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	9,433
223	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	5,080	5,080
224	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	24,700	4,700
		Change in tactical requirements		[-20,000]
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	0307665A	BIOMETRICS ENABLED INTELLIGENCE	2,537	2,537
229	0310349A	WIN-T INCREMENT 2—INITIAL NETWORKING	4,723	723
		Change in tactical requirements		[-4,000]
230	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	60,877	60,877
231	1203142A	SATCOM GROUND ENVIRONMENT (SPACE)	11,959	11,959
232	1208053A	JOINT TACTICAL GROUND SYSTEM	10,228	10,228
234	9999999999	CLASSIFIED PROGRAMS	7,154	7,154
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	1,877,685	2,050,261
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.	9,425,440	9,906,352
		RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY		
		BASIC RESEARCH		
1	0601103N	UNIVERSITY RESEARCH INITIATIVES	118,130	123,130
		Program increase		[5,000]
2	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	19,438	19,438
3	0601153N	DEFENSE RESEARCH SCIENCES	458,333	458,333
		SUBTOTAL BASIC RESEARCH	595,901	600,901
		APPLIED RESEARCH		
4	0602114N	POWER PROJECTION APPLIED RESEARCH	13,553	13,553
5	0602123N	FORCE PROTECTION APPLIED RESEARCH	125,557	125,557
6	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY	53,936	53,936
7	0602235N	COMMON PICTURE APPLIED RESEARCH	36,450	36,450
8	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	48,649	48,649
9	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	79,598	79,598
10	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	42,411	57,411
		Research vessel refit		[15,000]
11	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	6,425	6,425
12	0602747N	UNDERSEA WARFARE APPLIED RESEARCH	56,094	81,094
		Program increase		[25,000]
13	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	156,805	156,805
14	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	32,733	32,733
15	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH	171,146	161,146
		General decrease		[-10,000]
16	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.	62,722	62,722
		SUBTOTAL APPLIED RESEARCH	886,079	916,079
		ADVANCED TECHNOLOGY DEVELOPMENT		

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19	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY	26,342	26,342
20	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	9,360	9,360
21	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	154,407	149,407
		<i>Futures directorate</i>		[-5,000]
22	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	13,448	13,448
23	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT. <i>Capable manpower, enterprise and platform enablers</i>	231,772	226,772
				[-5,000]
24	0603680N	MANUFACTURING TECHNOLOGY PROGRAM	57,797	57,797
25	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,878	4,878
27	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	64,889	64,889
28	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY. <i>Maritime intelligence, surveillance, and reconnaissance technology</i>	15,164	30,164
				[15,000]
29	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT. <i>Underwater unmanned vehicle prototypes</i>	108,285	123,285
				[15,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT ...	686,342	706,342
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
30	0603207N	AIR/OCEAN TACTICAL APPLICATIONS	48,365	48,365
31	0603216N	AVIATION SURVIVABILITY	5,566	5,566
33	0603251N	AIRCRAFT SYSTEMS	695	695
34	0603254N	ASW SYSTEMS DEVELOPMENT	7,661	7,661
35	0603261N	TACTICAL AIRBORNE RECONNAISSANCE	3,707	3,707
36	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY	61,381	61,381
37	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	154,117	128,117
		<i>PLUS experimentation</i>		[10,000]
		<i>Reduce Barracuda</i>		[-16,000]
		<i>Reduce Snakehead</i>		[-20,000]
38	0603506N	SURFACE SHIP TORPEDO DEFENSE	14,974	14,974
39	0603512N	CARRIER SYSTEMS DEVELOPMENT	9,296	9,296
40	0603525N	PILOT FISH	132,083	132,083
41	0603527N	RETRACT LARCH	15,407	15,407
42	0603536N	RETRACT JUNIPER	122,413	122,413
43	0603542N	RADIOLOGICAL CONTROL	745	745
44	0603553N	SURFACE ASW	1,136	1,136
45	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	100,955	100,955
46	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS	13,834	13,834
47	0603563N	SHIP CONCEPT ADVANCED DESIGN	36,891	36,891
48	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	12,012	42,012
		<i>Aircraft carrier preliminary design</i>		[30,000]
49	0603570N	ADVANCED NUCLEAR POWER SYSTEMS	329,500	329,500
50	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS	29,953	29,953
51	0603576N	CHALK EAGLE	191,610	191,610
52	0603581N	LITTORAL COMBAT SHIP (LCS)	40,991	33,991
		<i>Excess program support</i>		[-7,000]
53	0603582N	COMBAT SYSTEM INTEGRATION	24,674	24,674
54	0603595N	OHIO REPLACEMENT	776,158	776,158
55	0603596N	LCS MISSION MODULES	116,871	116,871
56	0603597N	AUTOMATED TEST AND ANALYSIS	8,052	8,052
57	0603599N	FRIGATE DEVELOPMENT	143,450	143,450
58	0603609N	CONVENTIONAL MUNITIONS	8,909	8,909
60	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	1,428	1,428
61	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	53,367	53,367
63	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	8,212	8,212
64	0603721N	ENVIRONMENTAL PROTECTION	20,214	20,214
65	0603724N	NAVY ENERGY PROGRAM	50,623	50,623
66	0603725N	FACILITIES IMPROVEMENT	2,837	2,837
67	0603734N	CHALK CORAL	245,143	245,143
68	0603739N	NAVY LOGISTIC PRODUCTIVITY	2,995	2,995
69	0603746N	RETRACT MAPLE	306,101	306,101
70	0603748N	LINK PLUMERIA	253,675	253,675
71	0603751N	RETRACT ELM	55,691	55,691
72	0603764N	LINK EVERGREEN	48,982	48,982
74	0603790N	NATO RESEARCH AND DEVELOPMENT	9,099	9,099
75	0603795N	LAND ATTACK TECHNOLOGY	33,568	33,568
76	0603851M	JOINT NON-LETHAL WEAPONS TESTING	29,873	29,873
77	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEVAL. <i>VAL.</i>	106,391	106,391
78	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	107,310	107,310
79	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80).	83,935	83,935
81	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM).	46,844	46,844
83	0604286M	MARINE CORPS ADDITIVE MANUFACTURING TECHNOLOGY DEVELOPMENT.	6,200	6,200

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85	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE	7,055	17,055
		Increase rapid acquisition capability for Marine Corps Warfighting Lab.		[10,000]
86	0604454N	LX (R)	9,578	9,578
87	0604536N	ADVANCED UNDERSEA PROTOTYPING	66,543	13,643
		Funding early to need		[-52,900]
89	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	31,315	31,315
90	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT.	42,851	42,851
91	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT	160,694	160,694
93	0303354N	ASW SYSTEMS DEVELOPMENT—MIP	8,278	8,278
94	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	7,979	7,979
95	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP	527	527
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	4,218,714	4,172,814
		SYSTEM DEVELOPMENT & DEMONSTRATION		
96	0603208N	TRAINING SYSTEM AIRCRAFT	16,945	16,945
97	0604212N	OTHER HELO DEVELOPMENT	26,786	26,786
98	0604214N	AV-8B AIRCRAFT—ENG DEV	48,780	48,780
99	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
		UFR: MV-22 Common Configuration CC-RAM improvements		[15,000]
109	0604264N	AIR CREW SYSTEMS DEVELOPMENT	13,235	33,235
		Physiological Episode prize competition		[10,000]
		Physiological episodes		[10,000]
110	0604269N	EA-18	173,488	173,488
111	0604270N	ELECTRONIC WARFARE DEVELOPMENT	54,055	57,055
		UFR: Intrepid Tiger UH-1Y Jettison Capability		[3,000]
112	0604273N	EXECUTIVE HELO DEVELOPMENT	451,938	451,938
113	0604274N	NEXT GENERATION JAMMER (NGJ)	632,936	632,936
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
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	87,233
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	67,166
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	164,713
		UFR: Ship C2 Systems for Amphibs		[3,000]
141	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	212,412	212,412
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	92,546
146	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD	152,934	244,134
		SDD plus up		[91,200]
147	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD	108,931	175,631
		SDD plus up		[66,700]
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

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150	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT	14,865	14,865
151	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT	152,977	117,932
		Navy ePS consolidate requirements		[-11,200]
		NSIPS consolidate requirements		[-23,845]
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	90,500
		Unjustified cost growth		[-50,000]
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	6,475,957
		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	65,634
		UFR: Critical infrastructure investments for major range and test facilities.		[13,000]
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	89,062
		Unjustified cost growth		[-5,500]
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	373,667
185	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY	20,298	20,298
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	953,257
		OPERATIONAL SYSTEMS DEVELOPMENT		
196	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	92,571	121,571
		UFR: Accelerate Tactical Data Distribution Initiative		[18,000]
		UFR: 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	224,470
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 (TMPC).	133,617	133,617
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM	38,972	38,972
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	66,518
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
		UFR: Weapons Improvement		[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

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218	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS	127,445	127,445
219	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS	123,825	123,825
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
		UFR: Weapons Improvement		[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	18,578
249	0305421N	RQ-4 MODERNIZATION	229,404	229,404
250	0308601N	MODELING AND SIMULATION SUPPORT	5,238	5,238
251	0702207N	DEPOT MAINTENANCE (NON-IE)	38,227	38,227
252	0708730N	MARITIME TECHNOLOGY (MARITECH)	4,808	4,808
253	1203109N	SATELLITE COMMUNICATIONS (SPACE)	37,836	37,836
255	999999999	CLASSIFIED PROGRAMS	1,364,347	1,564,347
		Classified project 0428		[200,000]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	3,980,140	4,228,140
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.	17,675,035	18,053,490
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF		
		BASIC RESEARCH		
1	0601102F	DEFENSE RESEARCH SCIENCES	342,919	342,919
2	0601103F	UNIVERSITY RESEARCH INITIATIVES	147,923	147,923
3	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES	14,417	14,417
		SUBTOTAL BASIC RESEARCH	505,259	505,259
		APPLIED RESEARCH		
4	0602102F	MATERIALS	124,264	124,264
5	0602201F	AEROSPACE VEHICLE TECHNOLOGIES	124,678	129,678
		Hypersonic wind tunnels		[5,000]
6	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH	108,784	133,784
		Advanced training environments		[25,000]
7	0602203F	AEROSPACE PROPULSION	192,695	200,695
		Program increase		[5,500]
		UFR: S&T TOA to 1.9%		[2,500]
8	0602204F	AEROSPACE SENSORS	152,782	152,782
9	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEAD-QUARTERS ACTIVITIES.	8,353	8,353
10	0602601F	SPACE TECHNOLOGY	116,503	116,503
11	0602602F	CONVENTIONAL MUNITIONS	112,195	112,195
12	0602605F	DIRECTED ENERGY TECHNOLOGY	132,993	141,293
		UFR: S&T TOA to 1.9%		[8,300]
13	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS	167,818	167,818
14	0602890F	HIGH ENERGY LASER RESEARCH	43,049	43,049
		SUBTOTAL APPLIED RESEARCH	1,284,114	1,330,414
		ADVANCED TECHNOLOGY DEVELOPMENT		
15	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS	37,856	37,856
16	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	22,811	22,811
17	0603203F	ADVANCED AEROSPACE SENSORS	40,978	40,978
18	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO	115,966	121,666
		UFR: S&T TOA to 1.9%		[5,700]
19	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY	104,499	117,999
		UFR: S&T TOA to 1.9%		[13,500]
20	0603270F	ELECTRONIC COMBAT TECHNOLOGY	60,551	65,551
		Software engineering capabilities		[5,000]
21	0603401F	ADVANCED SPACECRAFT TECHNOLOGY	58,910	73,910
		UFR: Commercial SSA consortia/testbed		[15,000]
22	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	10,433	10,433
23	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT.	33,635	33,635

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24	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY	167,415	167,415
25	0603605F	ADVANCED WEAPONS TECHNOLOGY	45,502	45,502
26	0603680F	MANUFACTURING TECHNOLOGY PROGRAM	46,450	46,450
27	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION.	49,011	49,011
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT ...	794,017	833,217
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
28	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT	5,652	5,652
30	0603742F	COMBAT IDENTIFICATION TECHNOLOGY	24,397	24,397
31	0603790F	NATO RESEARCH AND DEVELOPMENT	3,851	3,851
33	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL	10,736	10,736
34	0603859F	POLLUTION PREVENTION—DEM/VAL	2	2
35	0604015F	LONG RANGE STRIKE—BOMBER	2,003,580	2,003,580
36	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT	65,458	100,858
		UFR: GPS Receiver Development		[35,400]
37	0604257F	ADVANCED TECHNOLOGY AND SENSORS	68,719	83,419
		UFR: Hyperspectral Chip Development		[14,700]
38	0604288F	NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP	7,850	7,850
39	0604317F	TECHNOLOGY TRANSFER	3,295	3,295
40	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.	17,365	17,365
41	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS	32,253	42,453
		UFR: Cyber Security & Resiliency for Weapon Systems		[10,200]
44	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	26,222	26,222
46	0604858F	TECH TRANSITION PROGRAM	840,650	935,650
		UFR: Directed Energy Prototyping		[70,000]
		UFR: Hypersonics Prototyping		[10,000]
		UFR: Long-Endurance Aerial Platform Ahead Prototyping		[15,000]
47	0605230F	GROUND BASED STRATEGIC DETERRENT	215,721	215,721
49	0207110F	NEXT GENERATION AIR DOMINANCE	294,746	441,746
		UFR: Penetrating Counter air (PCA) Risk Reduction		[147,000]
50	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR)	10,645	10,645
52	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA)	41,509	41,509
53	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	226,287	226,287
54	0306415F	ENABLED CYBER ACTIVITIES	16,687	16,687
55	0408011F	SPECIAL TACTICS / COMBAT CONTROL	4,500	4,500
56	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	15,867	0
		Consolidate requirements		[-15,867]
57	1203164F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE).	253,939	352,439
		UFR: Military GPS User Equipment INC2		[98,500]
58	1203710F	EO/IR WEATHER SYSTEMS	10,000	10,000
59	1206422F	WEATHER SYSTEM FOLLOW-ON	112,088	112,088
60	1206425F	SPACE SITUATION AWARENESS SYSTEMS	34,764	34,764
61	1206434F	MIDTERM POLAR MILSATCOM SYSTEM	63,092	63,092
62	1206438F	SPACE CONTROL TECHNOLOGY	7,842	128,642
		UFR: Space Defense Force Packaging		[113,800]
		UFR: Space Enterprise Defense Implementation		[7,000]
63	1206730F	SPACE SECURITY AND DEFENSE PROGRAM	41,385	41,385
64	1206760F	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)	18,150	18,150
65	1206761F	PROTECTED TACTICAL SERVICE (PTS)	24,201	24,201
66	1206855F	PROTECTED SATCOM SERVICES (PSCS)—AGGREGATED	16,000	16,000
67	1206857F	OPERATIONALLY RESPONSIVE SPACE	87,577	87,577
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	4,605,030	5,110,763
		SYSTEM DEVELOPMENT & DEMONSTRATION		
68	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	5,100	5,100
69	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT	101,203	101,203
70	0604222F	NUCLEAR WEAPONS SUPPORT	3,009	3,009
71	0604270F	ELECTRONIC WARFARE DEVELOPMENT	2,241	2,241
72	0604281F	TACTICAL DATA NETWORKS ENTERPRISE	38,250	38,250
73	0604287F	PHYSICAL SECURITY EQUIPMENT	19,739	19,739
74	0604329F	SMALL DIAMETER BOMB (SDB)—EMD	38,979	38,979
78	0604429F	AIRBORNE ELECTRONIC ATTACK	7,091	7,091
80	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT	46,540	46,540
81	0604604F	SUBMUNITIONS	2,705	2,705
82	0604617F	AGILE COMBAT SUPPORT	31,240	31,240
84	0604706F	LIFE SUPPORT SYSTEMS	9,060	9,060
85	0604735F	COMBAT TRAINING RANGES	87,350	87,350
86	0604800F	F-35—EMD	292,947	464,947
		SDD plus up		[172,000]
88	0604932F	LONG RANGE STANDOFF WEAPON	451,290	451,290
89	0604933F	ICBM FUZE MODERNIZATION	178,991	178,991
90	0605030F	JOINT TACTICAL NETWORK CENTER (JTNC)	12,736	12,736
91	0605031F	JOINT TACTICAL NETWORK (JTN)	9,319	9,319

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Line	Program Element	Item	FY 2018 Request	Senate Authorized
92	0605213F	F-22 MODERNIZATION INCREMENT 3.2B	13,600	13,600
94	0605221F	KC-46	93,845	93,845
95	0605223F	ADVANCED PILOT TRAINING	105,999	105,999
96	0605229F	COMBAT RESCUE HELICOPTER	354,485	354,485
100	0605458F	AIR & SPACE OPS CENTER 10.2 RDT&E	119,745	14,945
		Restructure of program		[-104,800]
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	62,837
		UFR: Space Fence Site 1 & Ground Based Operational Surveillance System		[26,900]
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	51,263
		UFR: Fix wideband Ka Anti-jam Enhancement (KAJE)		[37,000]
121	1206441F	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD	311,844	324,644
		UFR: Fix upgrades Space Based Infrared System		[12,800]
122	1206442F	EVOLVED SBIRS	71,018	71,018
123	1206853F	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—EMD	297,572	297,572
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	4,476,762	4,620,662
		MANAGEMENT SUPPORT		
124	0604256F	THREAT SIMULATOR DEVELOPMENT	35,405	35,405
125	0604759F	MAJOR T&E INVESTMENT	82,874	102,874
		Advanced weapons system testing capabilities		[15,000]
		UFR: Weapon System Cyber Resiliency-TE		[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	705,689
		UFR: 4th Gen Mods		[23,000]
		UFR: Weapon System Cyber Resiliency-TE		[4,400]
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 SUPPORT	28,720	28,720
143	0606017F	REQUIREMENTS ANALYSIS AND MATURATION	35,453	135,453
		UFR: Modeling and Simulation Joint Simulation Environment		[70,000]
		UFR:AS2030 Planning for Development		[30,000]
146	0308602F	ENTERPRISE 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	34,275
		UFR: Rocket System Launch Program (RSLP)		[13,300]
155	1206864F	SPACE TEST PROGRAM (STP)	25,398	25,398
		SUBTOTAL MANAGEMENT SUPPORT	2,663,875	2,824,575
		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	0
		Consolidate requirements		[-21,915]
162	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	33,150	33,150

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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
		Requested transfer: Ground and Comms Equipment		[-20,000]
		Requested transfer: ICBM Cryptography Upgrade II		[20,000]
171	0101313F	INTEGRATED STRATEGIC PLANNING AND ANALYSIS NETWORK (SPAN)—USSTRATCOM	25,736	25,736
173	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	6,272	10,272
		UFR: NC3—Global Assured Communications CBA Execution		[4,000]
174	0101324F	INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK	11,032	11,032
176	0102110F	UH-1N REPLACEMENT PROGRAM	108,617	108,617
177	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZA- TION 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
		UFR: F-16 MIDS-JTRS		[25,000]
184	0207134F	F-15E SQUADRONS	320,271	320,271
185	0207136F	MANNED DESTRUCTIVE SUPPRESSION	15,106	15,106
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	54,952
		Pulsed rocket motor technologies		[20,000]
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	34,240
		UFR: Baseline 3 (BL3) Advanced Radar Countermeasure System		[20,200]
195	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	109,243	109,243
197	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	29,932	29,932
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	C/ISR 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
		Requested transfer: Global ASNT Iner 2 and CVR		[-21,100]
		Requested transfer: Global ASNT Increment 1		[21,100]
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	26,654
244	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCALS)	6,306	6,306
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	4,450
260	0305207F	MANNED RECONNAISSANCE SYSTEMS	14,269	14,269
261	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	27,501	27,501

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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 ARCHITECTURES.	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	20,421
		Available prior year funds		[-6,400]
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	36,519
		UFR: CV-22 Aircraft Survivability and Availability		[7,000]
		UFR: CV-22 Integrated Modula Avionics		[7,000]
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 DEVELOPMENT.	91,211	91,211
300	1201921F	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES	14,255	14,255
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	18,808
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	65,051
		UFR: Space Enterprise Defense Implementation		[40,000]
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	283,735
		UFR: GPS satellite simulator (GSS)		[40,300]
311	1203400F	SPACE SUPERIORITY INTELLIGENCE	12,691	12,691
312	1203614F	JSPOC MISSION SYSTEM	99,455	147,955
		UFR: Space Enterprise Defense Implementation		[48,500]
313	1203620F	NATIONAL SPACE DEFENSE CENTER	18,052	86,052
		UFR: Fix Enterprise Space BMC2		[68,000]
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	140,784
		UFR: Space Fence Site 1 & Ground Based Operational Surveillance System.		[40,800]
318	1206423F	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT.	510,938	510,938
320	999999999	CLASSIFIED PROGRAMS	14,938,002	14,974,002
		Program increase		[36,000]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	20,585,302	20,913,787
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF ...	34,914,359	36,138,677
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		BASIC RESEARCH		
1	0601000BR	DTRA BASIC RESEARCH	37,201	37,201
2	0601101E	DEFENSE RESEARCH SCIENCES	432,347	432,347
3	0601110D8Z	BASIC RESEARCH INITIATIVES	40,612	40,612
4	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE	43,126	43,126
5	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM	74,298	99,298
		Evidence based military child STEM education		[5,000]
		Manufacturing Engineering Education Program		[20,000]
6	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS.	25,865	27,865

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		STEM support for minority women		[2,000]
7	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	43,898	43,898
		SUBTOTAL BASIC RESEARCH	697,347	724,347
		APPLIED RESEARCH		
8	0602000D8Z	JOINT MUNITIONS TECHNOLOGY	19,111	19,111
9	0602115E	BIOMEDICAL TECHNOLOGY	109,360	109,360
11	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM	49,748	49,748
12	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.	49,226	49,226
13	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY	392,784	392,784
14	0602383E	BIOLOGICAL WARFARE DEFENSE	13,014	13,014
15	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	201,053	201,053
16	0602668D8Z	CYBER SECURITY RESEARCH	14,775	14,775
17	0602702E	TACTICAL TECHNOLOGY	343,776	328,776
		General decrease		[-15,000]
18	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY	224,440	224,440
19	0602716E	ELECTRONICS TECHNOLOGY	295,447	285,447
		Unjustified growth		[-10,000]
20	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.	157,908	157,908
21	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	8,955	8,955
22	1160401BB	SOF TECHNOLOGY DEVELOPMENT	34,493	34,493
		SUBTOTAL APPLIED RESEARCH	1,914,090	1,889,090
		ADVANCED TECHNOLOGY DEVELOPMENT		
23	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY	25,627	25,627
24	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	76,230	76,230
25	0603133D8Z	FOREIGN COMPARATIVE TESTING	24,199	24,199
26	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.	268,607	268,607
27	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	12,996	12,996
29	0603178C	WEAPONS TECHNOLOGY	5,495	5,495
31	0603180C	ADVANCED RESEARCH	20,184	20,184
32	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	18,662	18,662
35	0603286E	ADVANCED AEROSPACE SYSTEMS	155,406	155,406
36	0603287E	SPACE PROGRAMS AND TECHNOLOGY	247,435	247,435
37	0603288D8Z	ANALYTIC ASSESSMENTS	13,154	8,154
		General decrease		[-5,000]
38	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	37,674	37,674
39	0603291D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA	15,000	15,000
40	0603294C	COMMON KILL VEHICLE TECHNOLOGY	252,879	252,879
41	0603342D8W	DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUX)	29,594	29,594
42	0603375D8Z	TECHNOLOGY INNOVATION	59,863	59,863
43	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	145,359	145,359
44	0603527D8Z	RETRACT LARCH	171,120	171,120
45	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY	14,389	14,389
46	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS	105,871	105,871
47	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES	12,661	12,661
48	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	136,159	191,159
		Improve productivity of defense industrial base		[20,000]
		Partnership between MEP centers and Manufacturing USA Institutes		[15,000]
		Manufacturing USA institutes		[20,000]
49	0603680S	MANUFACTURING TECHNOLOGY PROGRAM	40,511	40,511
50	0603699D8Z	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT	57,876	57,876
51	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	10,611	10,611
53	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	71,832	81,832
		Readiness increase		[10,000]
54	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	219,803	299,803
		Supply chain assurance		[80,000]
55	0603727D8Z	JOINT WARFIGHTING PROGRAM	6,349	6,349
56	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES	79,173	79,173
57	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	106,787	106,787
58	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY	439,386	439,386
59	0603767E	SENSOR TECHNOLOGY	210,123	210,123
60	0603769D8Z	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.	11,211	11,211
62	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE	15,047	15,047
63	0603826D8Z	QUICK REACTION SPECIAL PROJECTS	69,203	69,203
64	0603833D8Z	ENGINEERING SCIENCE & TECHNOLOGY	25,395	25,395
65	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY	89,586	89,586
66	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	38,403	48,403
		Readiness increase		[10,000]
67	0303310D8Z	CWMD SYSTEMS	33,382	33,382

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Senate Authorized
68	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT	72,605	72,605
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT ...	3,445,847	3,595,847
ADVANCED COMPONENT DEVELOPMENT AND PROTO-TYPES				
69	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIP- MENT RDT&E ADC&P.	32,937	32,937
70	0603600D8Z	WALKOFF	101,714	101,714
72	0603821D8Z	ACQUISITION ENTERPRISE DATA & INFORMATION SERVICES ...	2,198	2,198
73	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PRO- GRAM.	54,583	64,583
		<i>Readiness increase</i>		[10,000]
74	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT ..	230,162	230,162
75	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT <i>UFR: Discrimination</i>	828,097	850,093
				[21,996]
76	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEMVAL	148,518	148,518
77	0603884C	BALLISTIC MISSILE DEFENSE SENSORS	247,345	305,207
		<i>UFR: Discrimination</i>		[57,862]
78	0603890C	BMD ENABLING PROGRAMS	449,442	478,886
		<i>UFR: Discrimination</i>		[23,342]
		<i>UFR: High Fidelity Modeling and Simulation</i>		[6,102]
79	0603891C	SPECIAL PROGRAMS—MDA	320,190	320,190
80	0603892C	AEGIS BMD	852,052	852,052
83	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BAT- TLE MANAGEMENT AND COMMUNICATI.	430,115	430,115
84	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT ...	48,954	48,954
85	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	53,265	53,265
86	0603906C	REGARDING TRENCH	9,113	9,113
87	0603907C	SEA BASED X-BAND RADAR (SBX)	130,695	130,695
88	0603913C	ISRAELI COOPERATIVE PROGRAMS	105,354	373,804
		<i>Arrow</i>		[71,460]
		<i>Arrow Upper Tier flight test</i>		[105,000]
		<i>Arrow-Upper Tier</i>		[28,140]
		<i>David's Sling</i>		[63,850]
89	0603914C	BALLISTIC MISSILE DEFENSE TEST	305,791	305,791
90	0603915C	BALLISTIC MISSILE DEFENSE TARGETS	410,425	410,425
91	0603920D8Z	HUMANITARIAN DEMINING	10,837	10,837
92	0603923D8Z	COALITION WARFARE	10,740	10,740
93	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,837	13,837
		<i>DOD Corrosion Program</i>		[10,000]
94	0604115C	TECHNOLOGY MATURATION INITIATIVES	128,406	128,406
95	0604132D8Z	MISSILE DEFEAT PROJECT	98,369	98,369
96	0604181C	HYPERSONIC DEFENSE	75,300	75,300
97	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES	1,175,832	1,175,832
98	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS	83,626	83,626
99	0604331D8Z	RAPID PROTOTYPING PROGRAM	100,000	100,000
100	0604342D8Z	DEFENSE TECHNOLOGY OFFSET	0	200,000
		<i>Directed energy</i>		[200,000]
101	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COM- MON 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 HOMEMAND DEFENSE INTERCEPTORS	465,530	545,530
		<i>UFR: C3 Booster Development</i>		[80,000]
107	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	36,239	36,239
108	0604878C	AEGIS BMD TEST	134,468	160,819
		<i>UFR: Anti-Air Warfare Capability</i>		[26,351]
109	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST	84,239	84,239
110	0604880C	LAND-BASED SM-3 (LBSM3)	30,486	97,761
		<i>UFR: Anti-Air Warfare Capability</i>		[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	44,494
		<i>UFR: Space Based Sensor</i>		[27,500]
262	888888	GROUND-LAUNCHED INTERMEDIATE RANGE MISSILE	0	65,000
		<i>Ground-Launched Intermediate Range Missile</i>		[65,000]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.	7,736,741	8,600,619

SYSTEM DEVELOPMENT AND DEMONSTRATION

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Senate Authorized
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	OUSD(C) IT DEVELOPMENT INITIATIVES	21,353	19,353
		Find COTS solution		[-2,000]
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 (DAI)—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	0
		Consolidate requirements		[-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	804,949
		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	130,144
		Classified assessment		[100,000]
142	0605001E	MISSION SUPPORT	63,769	63,769
143	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETS)	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	25,571
		Software testing capabilities		[5,000]
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
186	9999999999	CLASSIFIED PROGRAMS	63,312	63,312
187	0903235K	JOINT SERVICE PROVIDER (JSP)	5,113	5,113
		SUBTOTAL MANAGEMENT SUPPORT	1,010,530	1,115,530
		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

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Senate Authorized
191	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	10,882	10,882
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	CAI 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	9,415
209	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM	227,652	227,652
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
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	50,863
		MQ-9 Capability Enhancement		[13,000]
251	1160403BB	AVIATION SYSTEMS	259,886	273,386
		SOCOM requested transfer		[13,500]
252	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT	8,245	8,245
253	1160408BB	OPERATIONAL ENHANCEMENTS	79,455	95,455
		UFR: Enhanced Precision Strike		[16,000]
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	60,415
		SOCOM requested transfer		[12,800]
		UFR: Develop Dry Combat Submersible		[5,300]
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
262	9999999999	CLASSIFIED PROGRAMS	3,689,646	3,689,646
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT	4,867,528	4,928,128
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW ..	20,490,902	21,658,510
		OPERATIONAL TEST & EVAL, DEFENSE MANAGEMENT SUPPORT		
1	0605118OTE	OPERATIONAL TEST AND EVALUATION	83,503	83,503
2	0605131OTE	LIVE FIRE TEST AND EVALUATION	59,500	59,500
3	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
		UNDISTRIBUTED		
		UNDISTRIBUTED		
999	999999	UNDISTRIBUTED	0	64,100
		ERI costs transfer from OCO to base		[64,100]
		SUBTOTAL UNDISTRIBUTED	0	64,100
		TOTAL UNDISTRIBUTED	0	64,100
		TOTAL RDT&E	82,716,636	86,032,029

1 **SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
 2 **TION FOR OVERSEAS CONTINGENCY OPER-**
 3 **ATIONS.**

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)				
Line	Program Element	Item	FY 2018 Request	Senate Authorized
RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY ADVANCED COMPONENT DEVELOPMENT & PROTO- TYPES				
55	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	15,000	15,000
60	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	3,000	3,000
SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.			18,000	18,000
SYSTEM DEVELOPMENT & DEMONSTRATION				
122	0605032A	TRACTOR TIRE	5,000	5,000
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM)	21,540	21,540
133	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	30,100	30,100
147	0303032A	TROJAN—RH12	1,200	1,200
SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRA- TION.			57,840	57,840
OPERATIONAL SYSTEMS DEVELOPMENT				
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	15,000	15,000
222	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	7,492	7,492
223	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	15,000	15,000
228	0307665A	BIOMETRICS ENABLED INTELLIGENCE	6,036	6,036
SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ...			43,528	43,528
TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.			119,368	119,368
RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY ADVANCED COMPONENT DEVELOPMENT & PROTO- TYPES				
41	0603527N	RETRACT LARCH	22,000	22,000
81	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM).	5,710	5,710
SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.			27,710	27,710
9999999999 CLASSIFIED PROGRAMS			89,855	89,855
OPERATIONAL SYSTEMS DEVELOPMENT				
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM	11,600	11,600
211	0204574N	CRYPTOLOGIC DIRECT SUPPORT	1,200	1,200
SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ...			102,655	102,655
TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.			130,365	130,365
RESEARCH, DEVELOPMENT, TEST & EVAL, AF ADVANCED COMPONENT DEVELOPMENT & PROTO- TYPES				
29	0603438F	SPACE CONTROL TECHNOLOGY	7,800	7,800
53	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	5,400	5,400
SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.			13,200	13,200
9999999999 CLASSIFIED PROGRAMS			112,408	112,408
OPERATIONAL SYSTEMS DEVELOPMENT				
196	0207277F	ISR INNOVATIONS	5,750	5,750
214	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS	4,000	4,000
SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ...			122,158	122,158
TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF ..			135,358	135,358
RESEARCH, DEVELOPMENT, TEST & EVAL, DW ADVANCED TECHNOLOGY DEVELOPMENT				
24	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	25,000	25,000
SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT			25,000	25,000
9999999999 CLASSIFIED PROGRAMS			196,176	196,176
OPERATIONAL SYSTEM DEVELOPMENT				
253	1160408BB	OPERATIONAL ENHANCEMENTS	1,920	1,920
256	1160434BB	UNMANNED ISR	3,000	3,000

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)**

<i>Line</i>	<i>Program Element</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT	201,096	201,096
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW	226,096	226,096
		UNDISTRIBUTED		
		UNDISTRIBUTED		
999	999999	UNDISTRIBUTED		-64,100
		ERI costs transfer from OCO to base		[-64,100]
		SUBTOTAL UNDISTRIBUTED		-64,100
		TOTAL UNDISTRIBUTED		-64,100
		TOTAL RDT&E	611,187	547,087

1 **TITLE XLIII—OPERATION AND**
2 **MAINTENANCE**
3 **SEC. 4301. OPERATION AND MAINTENANCE.**

**SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)**

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	OPERATION & MAINTENANCE, ARMY		
	OPERATING FORCES		
010	MANEUVER UNITS	1,455,366	1,567,545
	UFR: Convert IBCT to ABCT		[27,000]
	UFR: Readiness to execute NMS		[44,179]
	UFR: Stryker Vehicle training		[20,000]
	UFR: Support 16th ABCT		[21,000]
020	MODULAR SUPPORT BRIGADES	105,147	118,020
	UFR: Readiness to execute NMS		[12,873]
030	ECHELONS ABOVE BRIGADE	604,117	751,335
	UFR: NETCOM HQ		[13]
	UFR: Readiness to execute NMS		[147,205]
040	THEATER LEVEL ASSETS	793,217	836,222
	UFR: 3% increase to Decisive Action training		[5,244]
	UFR: Readiness to execute NMS		[28,327]
	UFR: Support Equipment		[9,434]
050	LAND FORCES OPERATIONS SUPPORT	1,169,478	1,169,478
060	AVIATION ASSETS	1,496,503	1,496,503
070	FORCE READINESS OPERATIONS SUPPORT	3,675,901	3,725,401
	UFR: Funding to support 6k additional endstrength		[680]
	UFR: Organizational Clothing & Indiv. Equipment maintenance		[44,215]
	UFR: Support Equipment		[4,605]
080	LAND FORCES SYSTEMS READINESS	466,720	471,592
	UFR: Medical equipment		[4,872]
090	LAND FORCES DEPOT MAINTENANCE	1,443,516	1,521,185
	UFR: Depot Maintenance		[77,669]
100	BASE OPERATIONS SUPPORT	8,080,357	8,171,076
	UFR: Engineering Services		[36,949]
	UFR: IT Services NEC C4IM		[22,000]
	UFR: Support 6k additional endstrength		[31,770]
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	3,401,155	4,002,972
	UFR: Address facility restoration backlog		[70,427]
	UFR: FSRM increases		[481,210]
	UFR: Support 6k additional endstrength		[50,180]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	443,790	443,790
180	US AFRICA COMMAND	225,382	225,382
190	US EUROPEAN COMMAND	141,352	141,352
200	US SOUTHERN COMMAND	190,811	190,811
210	US FORCES KOREA	59,578	59,578
	SUBTOTAL OPERATING FORCES	23,752,390	24,892,242

MOBILIZATION

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	FY 2018 Request	Senate Authorized
220	STRATEGIC MOBILITY	346,667	347,791
	UFR: Readiness increase		[1,124]
230	ARMY PREPOSITIONED STOCKS	422,108	427,346
	UFR: Readiness increase		[5,238]
240	INDUSTRIAL PREPAREDNESS	7,750	7,750
	SUBTOTAL MOBILIZATION	776,525	782,887
	TRAINING AND RECRUITING		
250	OFFICER ACQUISITION	137,556	137,556
260	RECRUIT TRAINING	58,872	60,264
	UFR: Recruit training		[1,392]
270	ONE STATION UNIT TRAINING	58,035	59,921
	UFR: One Station Unit Training		[1,886]
280	SENIOR RESERVE OFFICERS TRAINING CORPS	505,089	505,762
	UFR: Supports commissions for increase end strength		[673]
290	SPECIALIZED SKILL TRAINING	1,015,541	1,030,834
	UFR: Supports increased capacity		[15,293]
300	FLIGHT TRAINING	1,124,115	1,124,115
310	PROFESSIONAL DEVELOPMENT EDUCATION	220,688	220,688
320	TRAINING SUPPORT	618,164	621,690
	UFR: Supports increased capacity		[1,526]
	UFR: Supports Initial Entry Training		[2,000]
330	RECRUITING AND ADVERTISING	613,586	624,259
	UFR: Supports increased capacity		[10,673]
340	EXAMINING	171,223	171,223
350	OFF-DUTY AND VOLUNTARY EDUCATION	214,738	215,088
	UFR: Supports increased capacity		[350]
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	5,142,615
	ADMIN & SRVWIDE ACTIVITIES		
390	SERVICEWIDE TRANSPORTATION	555,502	652,065
	UFR: Supports transportation equipment		[96,563]
400	CENTRAL SUPPLY ACTIVITIES	894,208	894,208
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	2,094,922
	UFR: Army Regional Cyber Centers capabilities		[10,000]
450	MANPOWER MANAGEMENT	259,588	259,588
460	OTHER PERSONNEL SUPPORT	326,387	326,387
470	OTHER SERVICE SUPPORT	1,087,602	1,046,202
	UFR: Funds DFAS increases		[3,600]
	Under execution		[-45,000]
480	ARMY CLAIMS ACTIVITIES	210,514	214,014
	UFR: Supports JAG increase needs		[3,500]
490	REAL ESTATE MANAGEMENT	243,584	256,737
	UFR: Supports engineering services		[13,153]
500	FINANCIAL MANAGEMENT AND AUDIT READINESS	284,592	284,592
510	INTERNATIONAL MILITARY HEADQUARTERS	415,694	415,694
520	MISC. SUPPORT OF OTHER NATIONS	46,856	46,856
9999	CLASSIFIED PROGRAMS	1,242,222	1,242,222
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	9,307,680	9,389,496
	TOTAL OPERATION & MAINTENANCE, ARMY	38,945,417	40,207,240
	OPERATION & MAINTENANCE, ARMY RES OPERATING FORCES		
010	MODULAR SUPPORT BRIGADES	11,461	11,747
	UFR: ARNG Operational Demand Model to 82%		[286]
020	ECHELONS ABOVE BRIGADE	577,410	593,053
	UFR: ARNG Operational Demand Model to 82%		[15,643]
030	THEATER LEVEL ASSETS	117,298	122,016
	UFR: Operational Demand Model to 82%		[4,718]
040	LAND FORCES OPERATIONS SUPPORT	552,016	564,934
	UFR: Operational Demand Model to 82%		[12,918]
050	AVIATION ASSETS	80,302	81,461
	UFR: Increases aviation contract support		[845]
	UFR: Operational Demand Model to 82%		[314]

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	FY 2018 Request	Senate Authorized
060	FORCE READINESS OPERATIONS SUPPORT	399,035	403,635
	UFR: Support additional capacity		[4,600]
070	LAND FORCES SYSTEMS READINESS	102,687	102,687
080	LAND FORCES DEPOT MAINTENANCE	56,016	56,016
090	BASE OPERATIONS SUPPORT	599,947	600,497
	UFR: Support 6k additional endstrength		[550]
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION	273,940	304,690
	UFR: Address facility restoration backlog		[4,465]
	UFR: Increased facilities sustainment		[26,285]
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS	22,909	22,909
	SUBTOTAL OPERATING FORCES	2,793,021	2,863,645
ADMIN & SRVWD ACTIVITIES			
120	SERVICEWIDE TRANSPORTATION	11,116	11,116
130	ADMINISTRATION	17,962	17,962
140	SERVICEWIDE COMMUNICATIONS	18,550	20,950
	UFR: Equipment support		[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
	TOTAL OPERATION & MAINTENANCE, ARMY RES	2,906,842	2,979,866
OPERATION & MAINTENANCE, ARNG OPERATING FORCES			
010	MANEUVER UNITS	777,883	794,862
	UFR: Readiness increase		[16,979]
020	MODULAR SUPPORT BRIGADES	190,639	190,639
030	ECHELONS ABOVE BRIGADE	807,557	820,656
	UFR: Operational Demand Model to 82%		[13,099]
040	THEATER LEVEL ASSETS	85,476	98,569
	UFR: Operational Demand Model to 82%		[13,093]
050	LAND FORCES OPERATIONS SUPPORT	36,672	38,897
	UFR: Increased aviation readiness		[2,225]
060	AVIATION ASSETS	956,381	986,379
	UFR: Aviation readiness for AH64		[24,828]
	UFR: Aviation readiness for TAB		[2,040]
	UFR: Aviation readiness for ECAB		[3,130]
070	FORCE READINESS OPERATIONS SUPPORT	777,756	777,856
	UFR: Supports increased capacity		[100]
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	1,148,576
	UFR: Support increase end-strength		[3,850]
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION	781,895	876,734
	UFR: Address facility restoration backlog		[20,108]
	UFR: Facilities Sustainment improvement		[74,731]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	999,052	999,292
	UFR: Support increase end-strength		[240]
	SUBTOTAL OPERATING FORCES	6,854,485	7,028,908
ADMIN & SRVWD ACTIVITIES			
130	SERVICEWIDE TRANSPORTATION	7,703	7,703
140	ADMINISTRATION	79,236	79,236
150	SERVICEWIDE COMMUNICATIONS	85,160	85,160
160	MANPOWER MANAGEMENT	8,654	8,654
170	OTHER PERSONNEL SUPPORT	268,839	277,339
	UFR: Behavior Health Specialists		[8,500]
180	REAL ESTATE MANAGEMENT	3,093	3,093
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	452,685	461,185
	TOTAL OPERATION & MAINTENANCE, ARNG	7,307,170	7,490,093
OPERATION & MAINTENANCE, NAVY OPERATING FORCES			
010	MISSION AND OTHER FLIGHT OPERATIONS	5,544,165	5,544,165
020	FLEET AIR TRAINING	2,075,000	2,075,000
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	46,801	46,801

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2018 Request	Senate Authorized
040	AIR OPERATIONS AND SAFETY SUPPORT	119,624	119,624
050	AIR SYSTEMS SUPPORT	552,536	594,536
	UFR: Fund 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
	UFR: Fund to Max Executable		[120,000]
090	MISSION AND OTHER SHIP OPERATIONS	4,067,334	4,089,334
	UFR: Combat Logistics Maintenance Funding TAO-187		[22,000]
100	SHIP OPERATIONS SUPPORT & TRAINING	977,701	977,701
110	SHIP DEPOT MAINTENANCE	7,165,858	7,165,858
120	SHIP DEPOT OPERATIONS SUPPORT	2,193,851	2,193,851
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE	1,288,094	1,288,094
150	SPACE SYSTEMS AND SURVEILLANCE	206,678	206,678
160	WARFARE TACTICS	621,581	622,581
	UFR: Operational range Clearance and Environmental Compliance		[1,000]
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	370,681	370,681
180	COMBAT SUPPORT FORCES	1,437,966	1,437,966
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	86,892
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	750,680
	UFR: Munitions wholeness		[5,000]
290	OTHER WEAPON SYSTEMS SUPPORT	380,016	380,016
300	ENTERPRISE INFORMATION	914,428	882,428
	Under execution		[-32,000]
310	SUSTAINMENT, RESTORATION AND MODERNIZATION	1,905,679	2,447,860
	NHHC Reduction		[-29,000]
	UFR: 88% of Facility Sustainment requirements		[293,181]
	UFR: FSRM Increases		[218,000]
	UFR: MPT&E Management System IT Modernization		[60,000]
320	BASE OPERATING SUPPORT	4,333,688	4,384,688
	UFR: FSRM Increases		[28,000]
	UFR: Operational range Clearance and Environmental Compliance		[11,000]
	UFR: Port Operations Service Craft Maintenance		[12,000]
	SUBTOTAL OPERATING FORCES	38,787,013	39,538,194
	MOBILIZATION		
330	SHIP PREPOSITIONING AND SURGE	417,450	427,450
	UFR: Strategic Sealift		[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	180,448
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	1,931,508
	ADMIN & SRVWD ACTIVITIES		
510	ADMINISTRATION	1,135,429	1,135,429
530	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	149,365	149,365
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	386,749	386,749
590	SERVICEMAN TRANSPORTATION	165,301	165,301
610	PLANNING, ENGINEERING, AND PROGRAM SUPPORT	311,616	311,616

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
620	ACQUISITION, LOGISTICS, AND OVERSIGHT	665,580	665,580
660	INVESTIGATIVE AND SECURITY SERVICES	659,143	659,143
9999	CLASSIFIED PROGRAMS	543,193	543,193
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	4,016,376	4,016,376
	TOTAL OPERATION & MAINTENANCE, NAVY	45,439,407	46,200,588
	OPERATION & MAINTENANCE, MARINE CORPS		
	OPERATING FORCES		
010	OPERATIONAL FORCES	967,949	967,949
020	FIELD LOGISTICS	1,065,090	1,068,190
	UFR: Long Endurance Small UAS		[3,100]
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	829,055
	UFR: Facilities Sustainment to 80%		[43,791]
070	BASE OPERATING SUPPORT	2,196,252	2,196,252
	SUBTOTAL OPERATING FORCES	5,568,285	5,615,176
	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	378,683
190	ACQUISITION AND PROGRAM MANAGEMENT	77,684	77,684
9999	CLASSIFIED PROGRAMS	52,661	52,661
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	537,855	537,855
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS	6,933,408	6,980,299
	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
	TOTAL OPERATION & MAINTENANCE, NAVY RES	1,084,007	1,084,007
	OPERATION & MAINTENANCE, MC RESERVE		
	OPERATING FORCES		
010	OPERATING FORCES	103,468	103,468
020	DEPOT MAINTENANCE	18,794	18,794
030	SUSTAINMENT, RESTORATION AND MODERNIZATION	32,777	33,854

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	UFR: Facilities Sustainment to 80%		[1,077]
040	BASE OPERATING SUPPORT	111,213	111,213
	SUBTOTAL OPERATING FORCES	266,252	267,329
	ADMIN & SRVWD ACTIVITIES		
060	ADMINISTRATION	12,585	12,585
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	12,585	12,585
	TOTAL OPERATION & MAINTENANCE, MC RESERVE	278,837	279,914
	OPERATION & MAINTENANCE, AIR FORCE OPERATING FORCES		
010	PRIMARY COMBAT FORCES	694,702	707,902
	UFR: NC3 & Other Nuclear Requirements		[9,000]
	UFR: PACAF Contingency Response Group		[4,200]
020	COMBAT ENHANCEMENT FORCES	1,392,326	1,576,426
	Air and Space Operations Center		[104,800]
	UFR: Airmen Readiness Training		[8,900]
	UFR: Cyber Requirements		[70,400]
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	1,128,640	1,272,940
	UFR: Airmen Readiness Training		[93,100]
	UFR: Contract Adversary Air		[51,200]
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE	2,755,367	2,915,967
	UFR: Airmen Readiness Training		[7,100]
	UFR: WSS funded at 89%		[153,500]
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	3,292,553	3,292,553
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	6,555,186	6,883,686
	UFR: E-4B Maintenance personnel		[1,000]
	UFR: EC-130H Compass Call		[20,000]
	UFR: Sustain 3 additional C-37B		[11,300]
	UFR: Weapon Systems Sustainment		[296,200]
070	FLYING HOUR PROGRAM	4,135,330	4,135,330
080	BASE SUPPORT	5,985,232	6,984,715
	UFR: Cyber Requirements		[152,600]
	UFR: Facility Restoration Modernization		[493,883]
	UFR: Funds mission readiness at installations		[146,000]
	UFR: Funds Operational Communications and JIE conversion		[190,000]
	UFR: PACAF Contingency Response Group		[6,700]
	UFR: Transient Alert Contracts		[10,300]
090	GLOBAL C3I AND EARLY WARNING	847,516	932,216
	UFR: Cyber Requirements		[10,700]
	UFR: NC3 & Other Nuclear Requirements		[66,000]
	UFR: SBIRS Requirements		[8,000]
100	OTHER COMBAT OPS SPT PROGRAMS	1,131,817	1,173,017
	UFR: Cyber Requirements		[18,300]
	UFR: Eagle Vision sustainment		[6,100]
	UFR: PACAF Contingency Response Group		[16,800]
120	LAUNCH FACILITIES	175,457	175,457
130	SPACE CONTROL SYSTEMS	353,458	353,458
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
9999	CLASSIFIED PROGRAMS	1,091,655	1,091,655
	SUBTOTAL OPERATING FORCES	30,792,217	32,748,300
	MOBILIZATION		
220	AIRLIFT OPERATIONS	1,570,697	1,572,497
	UFR: sustain 3 additional C-37B		[1,800]
230	MOBILIZATION PREPAREDNESS	130,241	176,691
	UFR: PACAF Contingency Response Group		[16,900]
	UFR: Set the Theater (S/T) PACOM		[29,550]
	SUBTOTAL MOBILIZATION	1,700,938	1,749,188
	TRAINING AND RECRUITING		
270	OFFICER ACQUISITION	113,722	113,722
280	RECRUIT TRAINING	24,804	24,804

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	FY 2018 Request	Senate Authorized
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	805,453
430	TECHNICAL SUPPORT ACTIVITIES	127,379	127,379
470	ADMINISTRATION	911,283	911,283
480	SERVICEWIDE COMMUNICATIONS	432,172	432,172
490	OTHER SERVICEWIDE ACTIVITIES	1,175,658	1,175,658
500	CIVIL AIR PATROL	26,719	26,719
530	INTERNATIONAL SUPPORT	76,878	76,878
540	AIR FORCE WIDE UNDISTRIBUTED	0	129,100
	UFR: C&Y Tech Sustainment		[6,000]
	UFR: Child and Youth Compliance		[35,000]
	UFR: Food Service Capabilities		[43,200]
	UFR: MWR Resiliency Capabilities		[40,000]
	UFR: Violence Prevention Program		[4,900]
9999	CLASSIFIED PROGRAMS	1,244,653	1,244,653
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	4,800,195	4,929,295
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	39,429,232	41,562,665
	OPERATION & MAINTENANCE, AF RESERVE		
	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 & MODERNIZA- TION	124,951	124,951
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .. UFR: Weapon Systems Sustainment	240,835	266,635
			[25,800]
060	BASE SUPPORT	371,878	405,878
	UFR: Restore maintenance and repair		[34,000]
	SUBTOTAL OPERATING FORCES	3,153,180	3,212,980
	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
	TOTAL OPERATION & MAINTENANCE, AF RESERVE ..	3,267,507	3,327,307
	OPERATION & MAINTENANCE, ANG		
	OPERATING FORCES		
010	AIRCRAFT OPERATIONS	3,175,055	3,175,055
020	MISSION SUPPORT OPERATIONS	746,082	812,082
	UFR: Facility and Communication Infrastructure		[66,000]
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	867,063	867,063
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION	325,090	381,090
	UFR: Sustainment, Restoration, Modernization (SRM)		[56,000]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .. UFR: Increase Weapons System Sustainment	1,100,829	1,159,529
			[58,700]
060	BASE SUPPORT	583,664	651,664
	UFR: Facility Restoration Modernization		[68,000]
	SUBTOTAL OPERATING FORCES	6,797,783	7,046,483

SEC. 4301. OPERATION AND MAINTENANCE <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2018 Request	Senate Authorized
ADMINISTRATION AND SERVICE-WIDE ACTIVITIES			
070	ADMINISTRATION	44,955	44,955
080	RECRUITING AND ADVERTISING	97,230	52,230
	<i>Advertising Reduction</i>		[-45,000]
	SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES	142,185	97,185
	TOTAL OPERATION & MAINTENANCE, ANG	6,939,968	7,143,668
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	5,008,274
	SUBTOTAL OPERATING FORCES	6,000,638	6,000,638
TRAINING AND RECRUITING			
050	DEFENSE ACQUISITION UNIVERSITY	144,970	149,970
	<i>Increase for curriculum development</i>		[5,000]
060	JOINT CHIEFS OF STAFF	84,402	84,402
080	SPECIAL OPERATIONS COMMAND/TRAINING AND RECRUITING	379,462	379,462
	SUBTOTAL TRAINING AND RECRUITING	608,834	613,834
ADMIN & SRVWIDE ACTIVITIES			
090	CIVIL MILITARY PROGRAMS	183,000	208,000
	<i>Starbase</i>		[25,000]
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	400,422
180	DEFENSE MEDIA ACTIVITY	217,585	217,585
190	DEFENSE PERSONNEL ACCOUNTING AGENCY	131,268	131,268
200	DEFENSE SECURITY COOPERATION AGENCY	722,496	722,496
210	DEFENSE SECURITY SERVICE	683,665	683,665
230	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION	34,712	34,712
240	DEFENSE THREAT REDUCTION AGENCY	542,604	542,604
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	2,794,389	2,829,389
	<i>Impact aid for children with severe disabilities</i>		[10,000]
	<i>Impact aid for schools with military dependent students</i>		[25,000]
270	MISSILE DEFENSE AGENCY	504,058	504,058
290	OFFICE OF ECONOMIC ADJUSTMENT	57,840	57,840
300	OFFICE OF THE SECRETARY OF DEFENSE	1,612,244	1,621,244
	<i>CDC Study</i>		[7,000]
	<i>Readiness increase</i>		[1,000]
	<i>Study on Air Force aircraft capacity and capabilities</i>		[1,000]
310	SPECIAL OPERATIONS COMMAND/ADMIN & SVC-WIDE ACTIVITIES	94,273	94,273
320	WASHINGTON HEADQUARTERS SERVICES	436,776	436,776
9999	CLASSIFIED PROGRAMS	14,806,404	14,806,404
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	28,100,245	28,169,245
	TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE	34,709,717	34,783,717
MISCELLANEOUS APPROPRIATIONS			
US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE			
010	US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE	14,538	14,538
	SUBTOTAL US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE	14,538	14,538
OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID			
010	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID	104,900	104,900
	SUBTOTAL OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID	104,900	104,900

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	FORMER SOVIET UNION (FSU) THREAT REDUCTION		
010	FORMER SOVIET UNION (FSU) THREAT REDUCTION	324,600	324,600
	SUBTOTAL FORMER SOVIET UNION (FSU) THREAT REDUCTION	324,600	324,600
	ENVIRONMENTAL RESTORATION, ARMY		
050	ENVIRONMENTAL RESTORATION, ARMY	215,809	215,809
	SUBTOTAL ENVIRONMENTAL RESTORATION, ARMY	215,809	215,809
	ENVIRONMENTAL RESTORATION, NAVY		
070	ENVIRONMENTAL RESTORATION, NAVY	281,415	281,415
	SUBTOTAL ENVIRONMENTAL RESTORATION, NAVY	281,415	281,415
	ENVIRONMENTAL RESTORATION, AIR FORCE		
090	ENVIRONMENTAL RESTORATION, AIR FORCE	293,749	293,749
	SUBTOTAL ENVIRONMENTAL RESTORATION, AIR FORCE	293,749	293,749
	ENVIRONMENTAL RESTORATION, DEFENSE		
110	ENVIRONMENTAL RESTORATION, DEFENSE	9,002	9,002
	SUBTOTAL ENVIRONMENTAL RESTORATION, DEFENSE	9,002	9,002
	ENVIRONMENTAL RESTORATION FORMERLY USED SITES		
130	ENVIRONMENTAL RESTORATION FORMERLY USED SITES	208,673	208,673
	SUBTOTAL ENVIRONMENTAL RESTORATION FORMERLY USED SITES	208,673	208,673
	TOTAL MISCELLANEOUS APPROPRIATIONS	1,452,686	1,452,686
	UNDISTRIBUTED		
	UNDISTRIBUTED		
999	UNDISTRIBUTED	0	1,411,595
	ERI costs transferred to base (except Ukraine assistance)		[2,121,300]
	Foreign Currency Fluctuations		[-313,315]
	Fuel Savings		[-396,390]
	SUBTOTAL UNDISTRIBUTED	0	1,411,595
	TOTAL UNDISTRIBUTED	0	1,411,595
	TOTAL OPERATION & MAINTENANCE	188,694,198	194,903,645

1 SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS

2 CONTINGENCY OPERATIONS.

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	OPERATION & MAINTENANCE, ARMY		
	OPERATING FORCES		
010	MANEUVER UNITS	828,225	828,225
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	284,422
070	FORCE READINESS OPERATIONS SUPPORT	2,784,525	2,784,525
080	LAND FORCES SYSTEMS READINESS	502,330	502,330
090	LAND FORCES DEPOT MAINTENANCE	104,149	104,149
100	BASE OPERATIONS SUPPORT	80,249	80,249
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	32,000	32,000
140	ADDITIONAL ACTIVITIES	6,151,378	6,151,378
150	COMMANDERS EMERGENCY RESPONSE PROGRAM	5,000	5,000

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
160	RESET	864,926	864,926
180	US AFRICA COMMAND	186,567	186,567
190	US EUROPEAN COMMAND	44,250	44,250
	SUBTOTAL OPERATING FORCES	13,932,714	13,932,714
MOBILIZATION			
230	ARMY PREPOSITIONED STOCKS	56,500	56,500
	SUBTOTAL MOBILIZATION	56,500	56,500
ADMIN & SRVWIDE ACTIVITIES			
390	SERVICEWIDE TRANSPORTATION	755,029	755,029
400	CENTRAL SUPPLY ACTIVITIES	16,567	16,567
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
9999	CLASSIFIED PROGRAMS	1,082,015	1,082,015
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	2,137,189	2,137,189
	TOTAL OPERATION & MAINTENANCE, ARMY	16,126,403	16,126,403
OPERATION & MAINTENANCE, ARMY RES OPERATING FORCES			
020	ECHELONS ABOVE BRIGADE	4,179	4,179
040	LAND FORCES OPERATIONS SUPPORT	2,132	2,132
060	FORCE READINESS OPERATIONS SUPPORT	779	779
090	BASE OPERATIONS SUPPORT	17,609	17,609
	SUBTOTAL OPERATING FORCES	24,699	24,699
	TOTAL OPERATION & MAINTENANCE, ARMY RES	24,699	24,699
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
OPERATION & MAINTENANCE, NAVY OPERATING FORCES			
010	MISSION AND OTHER FLIGHT OPERATIONS	412,710	412,710
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	1,750	1,750

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
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	855,453
100	SHIP OPERATIONS SUPPORT & TRAINING	19,627	19,627
110	SHIP DEPOT MAINTENANCE	2,483,179	2,483,179
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE	58,886	58,886
150	SPACE SYSTEMS AND SURVEILLANCE	4,400	4,400
160	WARFARE TACTICS	21,550	21,550
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	21,104	21,104
180	COMBAT SUPPORT FORCES	605,936	605,936
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT	11,433	11,433
280	WEAPONS MAINTENANCE	325,011	325,011
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	5,553,751
	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
9999	CLASSIFIED PROGRAMS	12,751	12,751
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	102,236	102,236
	TOTAL OPERATION & MAINTENANCE, NAVY	5,875,015	5,875,015
	OPERATION & MAINTENANCE, MARINE CORPS OPERATING FORCES		
010	OPERATIONAL FORCES	710,790	710,790
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	1,022,469
	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
9999	CLASSIFIED PROGRAMS	3,150	3,150
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	64,750	64,750
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS	1,116,640	1,116,640
	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)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
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 RESERVE	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	1,394,962
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	5,450	5,450
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE	699,860	699,860
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	113,131	113,131
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	2,039,551	2,039,551
070	FLYING HOUR PROGRAM	2,059,363	2,059,363
080	BASE SUPPORT	1,088,946	1,088,946
090	GLOBAL C3I AND EARLY WARNING	15,274	15,274
100	OTHER COMBAT OPS SPT PROGRAMS	198,090	198,090
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
9999	CLASSIFIED PROGRAMS	58,098	58,098
	SUBTOTAL OPERATING FORCES	8,158,203	8,158,203
MOBILIZATION			
220	AIRLIFT OPERATIONS	1,430,316	1,430,316
230	MOBILIZATION PREPAREDNESS	213,827	213,827
	SUBTOTAL MOBILIZATION	1,644,143	1,644,143
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	151,847
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
9999	CLASSIFIED PROGRAMS	53,255	53,255
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	434,167	434,167
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	10,266,295	10,266,295
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

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	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	3,311,534
	UFR: Joint Task Force Platform Expansion		[6,300]
	SUBTOTAL OPERATING FORCES	3,310,075	3,316,375
	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	13,255
200	DEFENSE SECURITY COOPERATION AGENCY	2,312,000	2,562,000
	Reduction to Coalition Support Funds		[-100,000]
	Ukraine Security Assistance Initiative		[350,000]
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
9999	CLASSIFIED PROGRAMS	1,797,549	1,797,549
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	4,402,005	4,652,005
	TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE	7,712,080	7,968,380
	UNDISTRIBUTED		
999	UNDISTRIBUTED	0	-2,121,300
	ERI costs transferred from OCO to base (except Ukraine assistance)		[-2,121,300]
	SUBTOTAL UNDISTRIBUTED	0	-2,121,300
	TOTAL UNDISTRIBUTED	0	-2,121,300
	TOTAL OPERATION & MAINTENANCE	46,268,028	44,403,028

1 **TITLE XLIV—MILITARY**
2 **PERSONNEL**
3 **SEC. 4401. MILITARY PERSONNEL.**

SEC. 4401. MILITARY PERSONNEL
(In Thousands of Dollars)

<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
MILITARY PERSONNEL		
MILITARY PERSONNEL APPROPRIATIONS		
MILITARY PERSONNEL APPROPRIATIONS	133,881,636	133,726,723
Defense Innovation Board software review		1,000
ERI costs transferred to base		214,300
Marine Corps endstrength increase (1k)		100,000
Public-Private partnership on military spousal employment		1,000
UFR: ANG funds training man days		170,800
UFR: Army endtrength increase (6k)		321,000
UFR: Army readiness requirements		107,987
UFR: ATPF Enhancement—2nd Pier Sentry (Mahan Report)		12,000
Unobligated Balances		[-1,083,000]

SEC. 4401. MILITARY PERSONNEL
(In Thousands of Dollars)

<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
SUBTOTAL MILITARY PERSONNEL APPROPRIATIONS	133,881,636	133,726,723
MEDICARE-ELIGIBLE RETIREE HEALTH FUND CONTRIBUTIONS		
MEDICARE-ELIGIBLE RETIREE HEALTH FUND CONTRIBUTIONS	7,804,427	7,820,427
<i>UFR: Army endstrength increase (6k)</i>		16,000
SUBTOTAL MEDICARE-ELIGIBLE RETIREE HEALTH FUND CONTRIBUTIONS	7,804,427	7,820,427
TOTAL MILITARY PERSONNEL	141,686,063	141,547,150

1 **SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**
2 **GENCY OPERATIONS.**

SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
MILITARY PERSONNEL		
MILITARY PERSONNEL APPROPRIATIONS		
MILITARY PERSONNEL APPROPRIATIONS	4,276,276	4,061,976
<i>ERI costs transferred to base budget</i>		[-214,300]
SUBTOTAL MILITARY PERSONNEL APPROPRIATIONS	4,276,276	4,061,976
TOTAL MILITARY PERSONNEL	4,276,276	4,061,976

3 **TITLE XLV—OTHER**
4 **AUTHORIZATIONS**

5 **SEC. 4501. OTHER AUTHORIZATIONS.**

SEC. 4501. OTHER AUTHORIZATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
WORKING CAPITAL FUND			
WORKING CAPITAL FUND, ARMY			
010	<i>Industrial Operations</i>	43,140	43,140
020	<i>Supply Management—Army</i>	40,636	90,736
	<i>ERI costs transfer from OCO to base</i>		[50,100]
	SUBTOTAL WORKING CAPITAL FUND, ARMY	83,776	133,876
WORKING CAPITAL FUND, AIR FORCE			
010	<i>Supplies and Materials</i>	66,462	66,462
	SUBTOTAL WORKING CAPITAL FUND, AIR FORCE	66,462	66,462
WORKING CAPITAL FUND, DEFENSE-WIDE			
020	<i>Supply Chain Management—Def</i>	47,018	47,018
	SUBTOTAL WORKING CAPITAL FUND, DEFENSE-WIDE	47,018	47,018
WORKING CAPITAL FUND, DECA			
010	<i>Working Capital Fund, DECA</i>	1,389,340	1,389,340
	SUBTOTAL WORKING CAPITAL FUND, DECA	1,389,340	1,389,340

SEC. 4501. OTHER AUTHORIZATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	TOTAL WORKING CAPITAL FUND	1,586,596	1,636,696
	CHEM AGENTS & MUNITIONS DESTRUCTION OPERATION AND MAINTENANCE		
1	Chem Demilitarization—O&M	104,237	104,237
	SUBTOTAL OPERATION AND MAINTENANCE	104,237	104,237
	RESEARCH, DEVELOPMENT, TEST, AND EVALUATION		
2	Chem Demilitarization—RDT&E	839,414	839,414
	SUBTOTAL RESEARCH, DEVELOPMENT, TEST, AND EVALUATION	839,414	839,414
	PROCUREMENT		
3	Chem Demilitarization—Proc	18,081	18,081
	SUBTOTAL PROCUREMENT	18,081	18,081
	TOTAL CHEM AGENTS & MUNITIONS DESTRUCTION	961,732	961,732
	DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES		
010	Drug Interdiction and Counter-Drug Activities, Defense	674,001	674,001
	SUBTOTAL DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES	674,001	674,001
	DRUG DEMAND REDUCTION PROGRAM		
020	Drug Demand Reduction Program	116,813	116,813
	SUBTOTAL DRUG DEMAND REDUCTION PROGRAM	116,813	116,813
	TOTAL DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF	790,814	790,814
	OFFICE OF THE INSPECTOR GENERAL OPERATION AND MAINTENANCE		
010	Operation And Maintenance	334,087	334,087
	SUBTOTAL OPERATION AND MAINTENANCE	334,087	334,087
	RDT&E		
020	RDT&E	2,800	2,800
	SUBTOTAL RDT&E	2,800	2,800
	TOTAL OFFICE OF THE INSPECTOR GENERAL	336,887	336,887
	DEFENSE HEALTH PROGRAM OPERATION & MAINTENANCE		
010	In-House Care	9,457,768	9,457,768
020	Private Sector Care	15,317,732	15,317,732
030	Consolidated Health Support	2,193,045	2,193,045
040	Information Management	1,803,733	1,803,733
050	Management Activities	330,752	330,752
060	Education and Training	737,730	737,730
070	Base Operations/Communications	2,255,163	2,255,163
	SUBTOTAL OPERATION & MAINTENANCE	32,095,923	32,095,923
	RDT&E		
080	R&D Research	9,796	9,796
090	R&D Exploratory Development	64,881	64,881
100	R&D Advanced Development	246,268	246,268
110	R&D Demonstration/Validation	99,039	99,039
120	R&D Engineering Development	170,602	170,602
130	R&D Management and Support	69,191	69,191
140	R&D Capabilities Enhancement	13,438	13,438
	SUBTOTAL RDT&E	673,215	673,215
	PROCUREMENT		
150	PROC Initial Outfitting	26,978	26,978
160	PROC Replacement & Modernization	360,831	360,831
180	PROC Joint Operational Medicine Information System	8,326	8,326
190	PROC DoD Healthcare Management System Modernization	499,193	499,193
	SUBTOTAL PROCUREMENT	895,328	895,328

SEC. 4501. OTHER AUTHORIZATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	TOTAL DEFENSE HEALTH PROGRAM	33,664,466	33,664,466
	NATIONAL DEFENSE SEALIFT FUND		
	OPERATIONS, MAINTENANCE AND LEASE		
050	<i>LG Med Spd Ro/Ro Maintenance</i>	135,800	135,800
060	<i>DoD Mobilization Alterations</i>	11,197	11,197
070	<i>TAH Maintenance</i>	54,453	54,453
	SUBTOTAL OPERATIONS, MAINTENANCE AND LEASE	201,450	201,450
	RESEARCH AND DEVELOPMENT		
080	<i>Research And Development</i>	18,622	18,622
	SUBTOTAL RESEARCH AND DEVELOPMENT	18,622	18,622
	READY RESERVE FORCES		
090	<i>Ready Reserve Force</i>	289,255	296,255
	<i>UFR: Strategic Sealift service life extension</i>		[7,000]
	SUBTOTAL READY RESERVE FORCES	289,255	296,255
	TOTAL NATIONAL DEFENSE SEALIFT FUND	509,327	516,327
	TOTAL OTHER AUTHORIZATIONS	37,849,822	37,906,922

1 **SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CON-**
2 **TINGENCY OPERATIONS.**

SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	WORKING CAPITAL FUND		
	WORKING CAPITAL FUND, ARMY		
020	<i>Supply Management—Army</i>	50,111	0
	<i>ERI costs transfer from OCO to base</i>		[-50,111]
	SUBTOTAL WORKING CAPITAL FUND, ARMY	50,111	0
	WORKING CAPITAL FUND, DEFENSE-WIDE		
010	<i>Energy Management—Def</i>	70,000	70,000
020	<i>Supply Chain Management—Def</i>	28,845	28,845
	SUBTOTAL WORKING CAPITAL FUND, DEFENSE-WIDE	98,845	98,845
	TOTAL WORKING CAPITAL FUND	148,956	98,845
	DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
	DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES		
010	<i>Drug Interdiction and Counter-Drug Activities, Defense</i>	196,300	196,300
	SUBTOTAL DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES	196,300	196,300
	TOTAL DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF	196,300	196,300
	OFFICE OF THE INSPECTOR GENERAL		
	OPERATION AND MAINTENANCE		
010	<i>Operation And Maintenance</i>	24,692	24,692
	SUBTOTAL OPERATION AND MAINTENANCE	24,692	24,692
	TOTAL OFFICE OF THE INSPECTOR GENERAL	24,692	24,692
	DEFENSE HEALTH PROGRAM		
	OPERATION & MAINTENANCE		
010	<i>In-House Care</i>	61,857	61,857
020	<i>Private Sector Care</i>	331,968	331,968
030	<i>Consolidated Health Support</i>	1,980	1,980
	SUBTOTAL OPERATION & MAINTENANCE	395,805	395,805
	TOTAL DEFENSE HEALTH PROGRAM	395,805	395,805

SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
COUNTER-ISLAMIC 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-ISLAMIC ISIS TRAIN & EQUIP FUND		1,769,000	1,769,000
TOTAL OTHER AUTHORIZATIONS		2,534,753	2,484,642

1 **TITLE XLVI—MILITARY**
2 **CONSTRUCTION**

3 **SEC. 4601. MILITARY CONSTRUCTION.**

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

<i>Account</i>	<i>State/Country and Installation</i>	<i>Project Title</i>	<i>Budget Request</i>	<i>Senate Authorized</i>
MILITARY CONSTRUCTION				
MILCON, ARMY				
	<i>Alabama</i>			
MILCON, ARMY	Fort Rucker	Training Support Facility	38,000	38,000
	<i>Arizona</i>			
MILCON, ARMY	Davis-Monthan AFB	General Instruction Building	22,000	22,000
MILCON, ARMY	Fort Huachuca	Ground Transport Equipment Building	30,000	30,000
	<i>California</i>			
MILCON, ARMY	Fort Irwin	Land Acquisition	3,000	3,000
	<i>Colorado</i>			
MILCON, ARMY	Fort Carson, Colorado	Ammunition Supply Point	21,000	21,000
MILCON, ARMY	Fort Carson, Colorado	Battlefield Weather Facility	8,300	8,300
	<i>Florida</i>			
MILCON, ARMY	Eglin AFB	Multipurpose Range Complex	18,000	18,000
	<i>Georgia</i>			
MILCON, ARMY	Fort Benning	Air Traffic Control Tower (ATCT)	0	10,800
MILCON, ARMY	Fort Benning	Training Support Facility	28,000	28,000
MILCON, ARMY	Fort Gordon	Access Control Point	33,000	33,000
MILCON, ARMY	Fort Gordon	Automation-Aided Instructional Building	18,500	18,500
	<i>Germany</i>			
MILCON, ARMY	Stuttgart	Commissary	40,000	40,000
MILCON, ARMY	Weisbaden	Administrative Building	43,000	43,000
	<i>Hawaii</i>			
MILCON, ARMY	Fort Shafter	Command and Control Facility, Incr 3	90,000	90,000
MILCON, ARMY	Pohakuloa Training Area	Operational Readiness Training Complex (Barracks)	0	25,000
	<i>Indiana</i>			
MILCON, ARMY	Crane Army Ammunition Plant	Shipping and Receiving Building	24,000	24,000
	<i>Korea</i>			
MILCON, ARMY	Kunsan AB	Unmanned Aerial Vehicle Hangar	53,000	53,000
	<i>New York</i>			
MILCON, ARMY	U.S. Military Academy	Cemetery	22,000	22,000
	<i>South Carolina</i>			
MILCON, ARMY	Fort Jackson	Reception Barracks Complex, Ph1	60,000	60,000
MILCON, ARMY	Shaw AFB	Mission Training Complex	25,000	25,000
	<i>Texas</i>			
MILCON, ARMY	Camp Bullis	Vehicle Maintenance Shop	13,600	13,600
MILCON, ARMY	Fort Hood	Vehicle Maintenance Shop	0	33,000
MILCON, ARMY	Fort Hood, Texas	Battalion Headquarters Complex	37,000	37,000
	<i>Turkey</i>			
MILCON, ARMY	Turkey Various	Forward Operating Site	6,400	6,400
	<i>Virginia</i>			
MILCON, ARMY	Fort Belvoir	Secure Admin/Operations Facility, Incr 3	14,124	14,124
MILCON, ARMY	Joint Base Langley-Eustis	Aircraft Maintenance Instructional Bldg	34,000	34,000
MILCON, ARMY	Joint Base Myer-Henderson	Security Fence	20,000	20,000
	<i>Washington</i>			

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	Budget Request	Senate Authorized
MILCON, ARMY	Joint Base Lewis-Mcchord	Confinement Facility	66,000	0
MILCON, ARMY	Yakima	Fire Station	19,500	19,500
MILCON, ARMY	Worldwide Unspecified			
MILCON, ARMY	Unspecified Worldwide Locations	Planning and Design	72,770	72,770
MILCON, ARMY	Unspecified Worldwide Locations	Host Nation Support	28,700	28,700
MILCON, ARMY	Unspecified Worldwide Locations	Unspecified Minor Construction	31,500	31,500
MILCON, ARMY	Unspecified Worldwide Locations	ERI Planning and Design	0	15,700
SUBTOTAL MILCON, ARMY			920,394	938,894
MIL CON, NAVY				
	Arizona			
MIL CON, NAVY	Yuma	Enlisted Dining Facility & Community Bldgs	36,358	36,358
	California			
MIL CON, NAVY	Barstow	Combat Vehicle Repair Facility	36,539	36,539
MIL CON, NAVY	Camp Pendleton, California	Ammunition Supply Point Upgrade	61,139	61,139
MIL CON, NAVY	Coronado	P988 Undersea Rescue Command (URC) Operations Building.	0	36,000
MIL CON, NAVY	Lemoore	F/A 18 Avionics Repair Facility Replacement	60,828	60,828
MIL CON, NAVY	Marine Corps Air Station Miramar	F-35 Simulator Facility	0	47,574
MIL CON, NAVY	Miramar	Aircraft Maintenance Hangar (INC 2)	39,600	39,600
MIL CON, NAVY	San Diego	P440 Pier 8 Replacement	0	108,000
MIL CON, NAVY	Twentynine Palms, California	Potable Water Treatment/Blending Facility	55,099	55,099
	District of Columbia			
MIL CON, NAVY	NSA Washington	Washington Navy Yard AT/FP Land Acquisition	60,000	0
MIL CON, NAVY	NSA Washington	Electronics Science and Technology Laboratory	37,882	37,882
	Djibouti			
MIL CON, NAVY	Camp Lemonier, Djibouti	Aircraft Parking Apron Expansion	13,390	13,390
	Florida			
MIL CON, NAVY	Mayport	P426 Littoral Combat Ship (LCS) Support Facility (LSF).	0	81,000
MIL CON, NAVY	Mayport	P427 Littoral Combat Ship (LCS) Training Facility (LTF).	0	29,000
MIL CON, NAVY	Mayport	Missile Magazines	9,824	9,824
MIL CON, NAVY	Mayport	Advanced Wastewater Treatment Plant (AWWTP)	74,994	74,994
	Georgia			
MIL CON, NAVY	Marine Corps Logistics Base Albany	Combat Vehicle Warehouse	0	43,308
	Greece			
MIL CON, NAVY	Souda Bay	Strategic Aircraft Parking Apron Expansion	22,045	22,045
	Guam			
MIL CON, NAVY	Joint Region Marianas	Water Well Field	56,088	56,088
MIL CON, NAVY	Joint Region Marianas	MALS Facilities	49,431	49,431
MIL CON, NAVY	Joint Region Marianas	Corrosion Control Hangar	66,747	66,747
MIL CON, NAVY	Joint Region Marianas	Aircraft Maintenance Hangar #2	75,233	75,233
MIL CON, NAVY	Joint Region Marianas	Navy-Commercial Tie-in Hardening	37,180	37,180
	Hawaii			
MIL CON, NAVY	Joint Base Pearl Harbor-Hickam	Sewer Lift Station & Relief Sewer Line	73,200	73,200
MIL CON, NAVY	Kaneohe Bay	LHD Pad Conversions MV-22 Landing Pads	19,012	19,012
MIL CON, NAVY	Marine Corps Base Kaneohe Bay	Mokapu Gate Entry Control AT/FP Compliance ..	0	26,492
MIL CON, NAVY	Wahiaewa	Communications/Crypto Facility	65,864	65,864
	Japan			
MIL CON, NAVY	Iwakuni	KC130J Enlisted Aircrew Trainer Facility	21,860	21,860
	Maine			
MIL CON, NAVY	Kittery	Paint, Blast, and Rubber Facility	61,692	61,692
	North Carolina			
MIL CON, NAVY	Camp Lejeune, North Carolina	Water Treatment Plant Replacement Hadnot Pt ..	65,784	65,784
MIL CON, NAVY	Camp Lejeune, North Carolina	Bachelor Enlisted Quarters	37,983	37,983
MIL CON, NAVY	Cherry Point Marine Corps Air Station	F-35B Vertical Lift Fan Test Facility	15,671	15,671
MIL CON, NAVY	Marine Corps Base Lejeune	Radio BN Complex, Phase 2	0	64,292
	Virginia			
MIL CON, NAVY	Dam Neck	ISR Operations Facility Expansion	29,262	29,262
MIL CON, NAVY	Joint Expeditionary Base Little Creek—Story	ACU-4 Electrical Upgrades	2,596	2,596

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	Budget Request	Senate Authorized
MIL CON, NAVY	Marine Corps Base Quantico	TBS Fire Station Building 533 Replacement	0	23,738
MIL CON, NAVY	Norfolk	Chambers Field Magazine Recap Ph 1	34,665	34,665
MIL CON, NAVY	Portsmouth	Ship Repair Training Facility	72,990	72,990
MIL CON, NAVY	Yorktown	Bachelor Enlisted Quarters	36,358	36,358
	Washington			
MIL CON, NAVY	Indian Island	Missile Magazines	44,440	44,440
	Worldwide Unspecified			
MIL CON, NAVY	Unspecified Worldwide Locations	Unspecified Minor Construction	23,842	23,842
MIL CON, NAVY	Unspecified Worldwide Locations	ERI: Planning and Design	0	18,500
MIL CON, NAVY	Unspecified Worldwide Locations	Planning and Design	219,069	228,069
	SUBTOTAL MIL CON, NAVY		1,616,665	2,043,569
MILCON, AIR FORCE				
	Alaska			
MILCON, AIR FORCE	Eielson AFB	Repair Central Heat/Power Plant Boiler PH 4	41,000	41,000
MILCON, AIR FORCE	Eielson AFB	F-35A OSS/Weapons/Intel Facility	11,800	11,800
MILCON, AIR FORCE	Eielson AFB	F-35A AGE Facility / Fillstand	21,000	21,000
MILCON, AIR FORCE	Eielson AFB	F-35A R-11 Fuel Truck Shelter	9,600	9,600
MILCON, AIR FORCE	Eielson AFB	F-35A Satellite Dining Facility	8,000	8,000
MILCON, AIR FORCE	Eielson AFB	F-35A Consolidated Munitions Admin Facility	27,000	27,000
MILCON, AIR FORCE	Eielson AFB	F-35A ADAL Conventional Munitions Facility	2,500	2,500
MILCON, AIR FORCE	Eielson AFB	F-35A Extend Utiliduct to South Loop	48,000	48,000
	Arkansas			
MILCON, AIR FORCE	Little Rock AFB	Dormitory - 168 PN	0	20,000
	Australia			
MILCON, AIR FORCE	Darwin	APR—Bulk Fuel Storage Tanks	76,000	76,000
	Colorado			
MILCON, AIR FORCE	Buckley Air Force Base	SBIRS Operations Facility	38,000	38,000
MILCON, AIR FORCE	Fort Carson, Colorado	13 ASOS Expansion	13,000	13,000
MILCON, AIR FORCE	U.S. Air Force Academy	Air Force CyberWorx	30,000	30,000
	Estonia			
MILCON, AIR FORCE	Amari Air Base	ERI: POL Capacity Phase II	0	4,700
MILCON, AIR FORCE	Amari Air Base	ERI: Tactical Fighter Aircraft Parking Apron	0	9,200
	Florida			
MILCON, AIR FORCE	Eglin AFB	Dormitories (288 RM)	0	44,000
MILCON, AIR FORCE	Eglin AFB	F-35A Armament Research Fac Addition (B614)	8,700	8,700
MILCON, AIR FORCE	Eglin AFB	Long-Range Stand-Off Acquisition Fac	38,000	38,000
MILCON, AIR FORCE	Macdill AFB	KC-135 Beddown OG/MXG HQ	8,100	8,100
MILCON, AIR FORCE	Tyndall AFB	Fire/Crash Rescue Station	0	17,000
	Georgia			
MILCON, AIR FORCE	Robins AFB	Commercial Vehicle Visitor Control Facility	9,800	9,800
	Hungary			
MILCON, AIR FORCE	Kecskemet AB	ERI: Increase POL Storage Capacity	0	12,500
MILCON, AIR FORCE	Kecskemet AB	ERI: Construct Parallel Taxiway	0	30,000
MILCON, AIR FORCE	Kecskemet AB	ERI: Airfield Upgrades	0	12,900
	Iceland			
MILCON, AIR FORCE	Keflavik	ERI: Airfield Upgrades	0	14,400
	Italy			

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	Budget Request	Senate Authorized
MILCON, AIR FORCE	Aviano AB	Guardian Angel Operations Facility	27,325	27,325
	Kansas			
MILCON, AIR FORCE	McCormick AFB	Combat Arms Facility	17,500	17,500
	Latvia			
MILCON, AIR FORCE	Lielvarde Air Base	ERI: Expand Strategic Ramp Parking	0	3,850
	Luxembourg			
MILCON, AIR FORCE	Sanem	ERI: ECAOS Deployable Airbase System Storage	0	67,400
	Mariana Islands			
MILCON, AIR FORCE	Tinian	APR Land Acquisition	12,900	12,900
	Maryland			
MILCON, AIR FORCE	Joint Base Andrews	PAR Land Acquisition	17,500	17,500
MILCON, AIR FORCE	Joint Base Andrews	Presidential Aircraft Recap Complex	254,000	58,000
	Massachusetts			
MILCON, AIR FORCE	Hanscom AFB	Vandenberg Gate Complex	11,400	11,400
	Nevada			
MILCON, AIR FORCE	Nellis AFB	Red Flag 5th Gen Facility Addition	23,000	23,000
MILCON, AIR FORCE	Nellis AFB	Virtual Warfare Center Operations Facility	38,000	38,000
	New Mexico			
MILCON, AIR FORCE	Cannon AFB	Dangerous Cargo Pad Relocate CATM	42,000	42,000
MILCON, AIR FORCE	Holloman AFB	RPA Fixed Ground Control Station Facility	4,250	4,250
MILCON, AIR FORCE	Kirtland AFB	Replace Fire Station 3	0	9,300
	North Dakota			
MILCON, AIR FORCE	Minot AFB	Indoor Firing Range	27,000	27,000
	Norway			
MILCON, AIR FORCE	Rygge	ERI: Replace/Expand Quick Reaction Alert Pad ..	0	10,300
	Ohio			
MILCON, AIR FORCE	Wright-Patterson AFB	Fire/Crash Rescue Station	0	6,800
	Oklahoma			
MILCON, AIR FORCE	Altus AFB	Fire Rescue Center	0	16,000
MILCON, AIR FORCE	Altus AFB	KC-46A FTU Fuselage Trainer Phase 2	4,900	4,900
	Qatar			
MILCON, AIR FORCE	Al Udeid, Qatar	Consolidated Squadron Operations Facility	15,000	15,000
	Romania			
MILCON, AIR FORCE	Campia Turzii	ERI: Upgrade Utilities Infrastructure	0	2,950
	Slovakia			
MILCON, AIR FORCE	Malacky	ERI: Increase POL Storage Capacity	0	20,000
MILCON, AIR FORCE	Malacky	ERI: Airfield Upgrades	0	4,000
MILCON, AIR FORCE	Sliac Airport	ERI: Airfield Upgrades	0	22,000
	Texas			
MILCON, AIR FORCE	Joint Base San Antonio	Camp Bullis Dining Facility	18,500	18,500
MILCON, AIR FORCE	Joint Base San Antonio	Air Traffic Control Tower	10,000	10,000
MILCON, AIR FORCE	Joint Base San Antonio	BMT Recruit Dormitory 7	90,130	90,130
MILCON, AIR FORCE	Joint Base San Antonio	BMT Classrooms/Dining Facility 4	38,000	38,000
	Turkey			
MILCON, AIR FORCE	Incirlik AB	Dormitory—216 PN	25,997	25,997
	United Kingdom			
MILCON, AIR FORCE	Royal Air Force Fairford	EIC RC-135 Intel and Squad Ops Facility	38,000	38,000
MILCON, AIR FORCE	Royal Air Force Fairford	EIC RC-135 Runway Overrun Reconfiguration ...	5,500	5,500

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	Budget Request	Senate Authorized
MILCON, AIR FORCE	Royal Air Force Fairford	EIC RC-135 Infrastructure	2,150	2,150
MILCON, AIR FORCE	Royal Air Force Lakenheath	Consolidated Corrosion Control Facility	20,000	20,000
MILCON, AIR FORCE	Royal Air Force Lakenheath	F-35A F-15 Parking	10,800	10,800
MILCON, AIR FORCE	Royal Air Force Lakenheath	F-35A Flight Simulator Facility	22,000	22,000
MILCON, AIR FORCE	Royal Air Force Lakenheath	F-35A Field Training Detachment Facility	12,492	12,492
MILCON, AIR FORCE	Royal Air Force Lakenheath	F-35A Infrastructure	6,700	6,700
MILCON, AIR FORCE	Royal Air Force Lakenheath	F-35A 6-Bay Hangar	24,000	24,000
MILCON, AIR FORCE	Royal Air Force Lakenheath	F-35A Squadron Operations and AMU	41,000	41,000
MILCON, AIR FORCE	Utah Hill AFB	UTTR Consolidated Mission Control Center	28,000	28,000
MILCON, AIR FORCE	Worldwide Unspecified			
MILCON, AIR FORCE	Unspecified Worldwide Locations	KC-46A Main Operating Base 4	269,000	253,000
MILCON, AIR FORCE	Unspecified Worldwide Locations	Planning and Design	0	56,400
MILCON, AIR FORCE	Unspecified Worldwide Locations	Planning and Design	97,852	97,852
MILCON, AIR FORCE	Unspecified Worldwide Locations	ERI: Planning and Design	0	56,630
MILCON, AIR FORCE	Various Worldwide Locations	Unspecified Minor Construction	31,400	31,400
MILCON, AIR FORCE	Wyoming F. E. Warren AFB	Consolidated Helo/TRF Ops/AMU and Alert Fac	62,000	62,000
SUBTOTAL MILCON, AIR FORCE			1,738,796	1,967,126
MIL CON, DEF-WIDE				
	California			
MIL CON, DEF-WIDE	Camp Pendleton, California	SOF Marine Battalion Company/Team Facilities	9,958	9,958
MIL CON, DEF-WIDE	Camp Pendleton, California	SOF Motor Transport Facility Expansion	7,284	7,284
MIL CON, DEF-WIDE	Camp Pendleton, California	Ambulatory Care Center Replacement	26,400	26,400
MIL CON, DEF-WIDE	Coronado	SOF Basic Training Command	96,077	96,077
MIL CON, DEF-WIDE	Coronado	SOF SEAL Team Ops Facility	66,218	66,218
MIL CON, DEF-WIDE	Coronado	SOF Logistics Support Unit One Ops Fac. #3	46,175	46,175
MIL CON, DEF-WIDE	Coronado	SOF SEAL Team Ops Facility	50,265	50,265
	Colorado			
MIL CON, DEF-WIDE	Schriever AFB	Ambulatory Care Center/Dental Add./Alt.	10,200	10,200
	Conus Classified			
MIL CON, DEF-WIDE	Classified Location	Battalion Complex, PH 1	64,364	64,364
	Florida			
MIL CON, DEF-WIDE	Eglin AFB	SOF Simulator Facility	5,000	5,000
MIL CON, DEF-WIDE	Eglin AFB	Upgrade Open Storage Yard	4,100	4,100
MIL CON, DEF-WIDE	Hurlburt Field	SOF Simulator & Fuselage Trainer Facility	11,700	11,700
MIL CON, DEF-WIDE	Hurlburt Field	SOF Combat Aircraft Parking Apron	34,700	34,700
	Georgia			
MIL CON, DEF-WIDE	Fort Gordon	Blood Donor Center Replacement	10,350	10,350
	Germany			
MIL CON, DEF-WIDE	Rhine Ordnance Barracks	Medical Center Replacement Incr 7	106,700	106,700
MIL CON, DEF-WIDE	Spangdahlem AB	Spangdahlem Elementary School Replacement	79,141	79,141
MIL CON, DEF-WIDE	Stuttgart	Robinson Barracks Elem. School Replacement	46,609	46,609
	Greece			

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	Budget Request	Senate Authorized
MIL CON, DEF-WIDE	Souda Bay	Construct Hydrant System	18,100	18,100
	Guam			
MIL CON, DEF-WIDE	Andersen AFB	Construct Truck Load & Unload Facility	23,900	23,900
	Hawaii			
MIL CON, DEF-WIDE	Kunia	NSAH Kunia Tunnel Entrance	5,000	5,000
	Italy			
MIL CON, DEF-WIDE	Signella	Construct Hydrant System	22,400	22,400
MIL CON, DEF-WIDE	Vicenza	Vicenza High School Replacement	62,406	62,406
	Japan			
MIL CON, DEF-WIDE	Iwakuni	Construct Bulk Storage Tanks PH 1	30,800	30,800
MIL CON, DEF-WIDE	Kadena AB	SOF Special Tactics Operations Facility	27,573	27,573
MIL CON, DEF-WIDE	Kadena AB	SOF Maintenance Hangar	3,972	3,972
MIL CON, DEF-WIDE	Okinawa	Replace Mooring System	11,900	11,900
MIL CON, DEF-WIDE	Sasebo	Upgrade Fuel Wharf	45,600	45,600
MIL CON, DEF-WIDE	Torii Commo Station	SOF Tactical Equipment Maintenance Fac	25,323	25,323
MIL CON, DEF-WIDE	Yokota AB	Hangar/Aircraft Maintenance Unit	12,034	12,034
MIL CON, DEF-WIDE	Yokota AB	Operations and Warehouse Facilities	8,590	8,590
MIL CON, DEF-WIDE	Yokota AB	Simulator Facility	2,189	2,189
MIL CON, DEF-WIDE	Yokota AB	Airfield Apron	10,800	10,800
	Maryland			
MIL CON, DEF-WIDE	Bethesda Naval Hospital	Medical Center Addition/Alteration Iner 2	123,800	123,800
MIL CON, DEF-WIDE	Fort Meade	NSAW Recapitalize Building #2 Iner 3	313,968	313,968
	Missouri			
MIL CON, DEF-WIDE	Fort Leonard Wood	Hospital Replacement Ph 1	250,000	50,000
MIL CON, DEF-WIDE	Fort Leonard Wood	Blood Processing Center Replacement	11,941	11,941
MIL CON, DEF-WIDE	St Louis	Next NGA West (N2W) Complex Ph1	381,000	50,000
	New Mexico			
MIL CON, DEF-WIDE	Cannon AFB	SOF C-130 Age Facility	8,228	8,228
	North Carolina			
MIL CON, DEF-WIDE	Camp Lejeune, North Carolina	SOF Human Performance Training Center	10,800	10,800
MIL CON, DEF-WIDE	Camp Lejeune, North Carolina	SOF Motor Transport Maintenance Expansion	20,539	20,539
MIL CON, DEF-WIDE	Camp Lejeune, North Carolina	Ambulatory Care Center Addition/Alteration	15,300	15,300
MIL CON, DEF-WIDE	Camp Lejeune, North Carolina	Ambulatory Care Center/Dental Clinic	21,400	21,400
MIL CON, DEF-WIDE	Camp Lejeune, North Carolina	Ambulatory Care Center/Dental Clinic	22,000	22,000
MIL CON, DEF-WIDE	Fort Bragg	SOF Support Battalion Admin Facility	13,518	13,518
MIL CON, DEF-WIDE	Fort Bragg	SOF Human Performance Training Ctr	20,260	20,260
MIL CON, DEF-WIDE	Fort Bragg	SOF Tactical Equipment Maintenance Facility	20,000	20,000
MIL CON, DEF-WIDE	Fort Bragg	SOF Telecomm Reliability Improvements	4,000	4,000
MIL CON, DEF-WIDE	Seymour Johnson AFB	Construct Tanker Truck Delivery System	20,000	20,000
	Puerto Rico			
MIL CON, DEF-WIDE	Punta Borinquen	Ramey Unit School Replacement	61,071	61,071
	South Carolina			
MIL CON, DEF-WIDE	Shaw AFB	Consolidate Fuel Facilities	22,900	22,900
	Texas			

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	Budget Request	Senate Authorized
MIL CON, DEF-WIDE	Fort Bliss	Blood Processing Center	8,300	8,300
MIL CON, DEF-WIDE	Fort Bliss	Hospital Replacement Iner 8	251,330	251,330
	United Kingdom			
MIL CON, DEF-WIDE	Menwith Hill Station	RAFMH Main Gate Rehabilitation	11,000	11,000
	Utah			
MIL CON, DEF-WIDE	Hill AFB	Replace POL Facilities	20,000	20,000
	Virginia			
MIL CON, DEF-WIDE	Joint Expeditionary Base Little Creek—Story	SOP SATEC Range Expansion	23,000	23,000
MIL CON, DEF-WIDE	Norfolk	Replace Hazardous Materials Warehouse	18,500	18,500
MIL CON, DEF-WIDE	Pentagon	Security Updates	13,260	13,260
MIL CON, DEF-WIDE	Pentagon	Pentagon Corr 8 Pedestrian Access Control Pt	8,140	8,140
MIL CON, DEF-WIDE	Pentagon	S.E. Safety Traffic and Parking Improvements	28,700	28,700
MIL CON, DEF-WIDE	Portsmouth	Replace Harardous Materials Warehouse	22,500	22,500
	Worldwide Unspecified			
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction	8,000	8,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design	26,147	26,147
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design	39,746	39,746
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction	3,000	3,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction	7,384	7,384
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	ERI: Planning and Design	0	1,900
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design	1,150	1,150
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning & Design	23,012	23,012
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction	2,039	2,039
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	150,000	176,500
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Contingency Construction	10,000	10,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction	3,000	3,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design	13,500	13,500
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	ERCIP Design	10,000	10,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction	3,000	3,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design	20,000	20,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design	40,220	40,220
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction	10,000	10,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Exercise Related Minor Construction	11,490	11,490
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design	0	1,150
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design	1,942	1,942
	SUBTOTAL MIL CON, DEF-WIDE		3,114,913	2,613,463
	MILCON, ARNG			
	Delaware			
MILCON, ARNG	New Castle	Combined Support Maintenance Shop	36,000	36,000
	Idaho			
MILCON, ARNG	Mission Training Center Gowen	Enlisted Barracks, Transient Training	0	9,000
MILCON, ARNG	Orchard Trainiq Area	Digital Air/Ground Integration Range	22,000	22,000
	Iowa			
MILCON, ARNG	Camp Dodge	Vehicle Maintenance Instructional Facility	0	8,500

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	Budget Request	Senate Authorized
	<i>Kansas</i>			
MILCON, ARNG	Fort Leavenworth	Enlisted Barracks, Transient Training	0	19,000
	<i>Maine</i>			
MILCON, ARNG	Presque Isle	National Guard Readiness Center	17,500	17,500
	<i>Maryland</i>			
MILCON, ARNG	Sykesville	National Guard Readiness Center	19,000	19,000
	<i>Minnesota</i>			
MILCON, ARNG	Arden Hills	National Guard Readiness Center	39,000	39,000
	<i>Missouri</i>			
MILCON, ARNG	Springfield	Aircraft Maintenance Hangar (Addition)	0	32,000
	<i>New Mexico</i>			
MILCON, ARNG	Las Cruces	National Guard Readiness Center Addition	8,600	8,600
	<i>Virginia</i>			
MILCON, ARNG	Fort Belvoir	National Guard Readiness Center	0	15,000
MILCON, ARNG	Fort Pickett	Training Aids Center	4,550	4,550
	<i>Washington</i>			
MILCON, ARNG	Tumwater	National Guard Readiness Center	31,000	31,000
	<i>Worldwide Unspecified</i>			
MILCON, ARNG	Unspecified Worldwide Locations	Unspecified Minor Construction	16,731	16,731
MILCON, ARNG	Unspecified Worldwide Locations	Planning and Design	16,271	16,271
	SUBTOTAL MILCON, ARNG		210,652	294,152
MILCON, ANG				
	<i>California</i>			
MILCON, ANG	March AFB	TFI Construct RPA Flight Training Unit	15,000	15,000
	<i>Colorado</i>			
MILCON, ANG	Peterson AFB	Space Control Facility	8,000	8,000
	<i>Connecticut</i>			
MILCON, ANG	Bradley IAP	Construct Base Entry Complex	7,000	7,000
	<i>Indiana</i>			
MILCON, ANG	Hulman Regional Airport	Construct Small Arms Range	0	8,000
	<i>Kentucky</i>			
MILCON, ANG	Louisville IAP	Add/Alter Response Forces Facility	9,000	9,000
	<i>Mississippi</i>			
MILCON, ANG	Jackson International Airport	Construct Small Arms Range	0	8,000
	<i>Missouri</i>			
MILCON, ANG	Rosecrans Memorial Airport	Replace Communications Facility	10,000	10,000
	<i>New York</i>			
MILCON, ANG	Hancock Field	Add to Flight Training Unit, Building 641	6,800	6,800
	<i>Ohio</i>			
MILCON, ANG	Toledo Express Airport	NORTHCOM—Construct Alert Hangar	15,000	15,000
	<i>Oklahoma</i>			
MILCON, ANG	Tulsa International Airport	Construct Small Arms Range	0	8,000
	<i>Oregon</i>			
MILCON, ANG	Klamath Falls IAP	Construct Corrosion Control Hangar	10,500	10,500
MILCON, ANG	Klamath Falls IAP	Construct Indoor Range	8,000	8,000
	<i>South Dakota</i>			
MILCON, ANG	Joe Foss Field	Aircraft Maintenance Shops	12,000	12,000
	<i>Tennessee</i>			
MILCON, ANG	McGhee-Tyson Airport	Replace KC-135 Maintenance Hangar and Shops	25,000	25,000
	<i>Worldwide Unspecified</i>			
MILCON, ANG	Unspecified Worldwide Locations	Planning and Design	0	2,000
MILCON, ANG	Unspecified Worldwide Locations	Planning and Design	18,000	18,000
MILCON, ANG	Unspecified Worldwide Locations	Unspecified Minor Construction	17,191	17,191
	SUBTOTAL MILCON, ANG		161,491	187,491
MILCON, ARMY R				
	<i>California</i>			
MILCON, ARMY R	Fallbrook	Army Reserve Center	36,000	36,000
	<i>Delaware</i>			
MILCON, ARMY R	Newark	Army Reserve Center	0	19,500
	<i>Ohio</i>			
MILCON, ARMY R	Wright-Patterson AFB	Area Maintenance Support Activity	0	9,100
	<i>Puerto Rico</i>			
MILCON, ARMY R	Aguadilla	Army Reserve Center	12,400	12,400
	<i>Washington</i>			
MILCON, ARMY R	Joint Base Lewis-McChord	Army Reserve Center	0	30,000

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(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	Budget Request	Senate Authorized
MILCON, ARMY R	Wisconsin Fort McCoy	AT/MOB Dining Facility-1428 PN	13,000	13,000
MILCON, ARMY R	Worldwide Unspecified Unspecified Worldwide Locations	Planning and Design	6,887	6,887
MILCON, ARMY R	Unspecified Worldwide Locations	Unspecified Minor Construction	5,425	5,425
SUBTOTAL MILCON, ARMY R			73,712	132,312
MIL CON, NAVY RES				
MIL CON, NAVY RES	California Lemoore	Naval Operational Support Center Lemoore	17,330	17,330
MIL CON, NAVY RES	Georgia Fort Gordon	Naval Operational Support Center Fort Gordon ...	17,797	17,797
MIL CON, NAVY RES	New Jersey Joint Base McGuire-Dix- Lakehurst	Aircraft Apron, Taxiway & Support Facilities	11,573	11,573
MIL CON, NAVY RES	Texas Fort Worth	KC130-J Eacts Facility	12,637	12,637
MIL CON, NAVY RES	Worldwide Unspecified Unspecified Worldwide Locations	Unspecified Minor Construction	1,504	1,504
MIL CON, NAVY RES	Unspecified Worldwide Locations	Planning & Design	4,430	4,430
SUBTOTAL MIL CON, NAVY RES			65,271	65,271
MILCON, AF RES				
MILCON, AF RES	Florida Patrick AFB	Guardian Angel Facility	25,000	25,000
MILCON, AF RES	Georgia Robins AFB	Consolidated Mission Complex Phase 2	0	32,000
MILCON, AF RES	Guam Joint Region Marianas	Reserve Medical Training Facility	5,200	5,200
MILCON, AF RES	Hawaii Joint Base Pearl Harbor- Hickam	Consolidated Training Facility	5,500	5,500
MILCON, AF RES	Massachusetts Westover ARB	Indoor Small Arms Range	10,000	10,000
MILCON, AF RES	Westover ARB	Maintenance Facility Shops	0	51,100
MILCON, AF RES	Minnesota Minneapolis-St Paul IAP	Indoor Small Arms Range	0	9,000
MILCON, AF RES	North Carolina Seymour Johnson AFB	KC-46A ADAL for Alt Mission Storage	6,400	6,400
MILCON, AF RES	Texas NAS JRB Fort Worth	Munitions Training/Admin Facility	0	3,100
MILCON, AF RES	Utah Hill AFB	Add/Alter Life Support Facility	3,100	3,100
MILCON, AF RES	Worldwide Unspecified Unspecified Worldwide Locations	Planning & Design	0	13,500
MILCON, AF RES	Unspecified Worldwide Locations	Planning & Design	4,725	4,725
MILCON, AF RES	Unspecified Worldwide Locations	Unspecified Minor Construction	3,610	3,610
SUBTOTAL MILCON, AF RES			63,535	172,235
NATO SEC INV PRGM				
NATO SEC INV PRGM	Worldwide Unspecified Nato Security Investment Program	Nato Security Investment Program	154,000	154,000
SUBTOTAL NATO SEC INV PRGM			154,000	154,000
TOTAL MILITARY CONSTRUCTION			8,119,429	8,568,513
FAMILY HOUSING				
FAM HSG CON, ARMY				
FAM HSG CON, ARMY	Georgia Fort Gordon	Family Housing New Construction	6,100	6,100
FAM HSG CON, ARMY	Germany Baumholder	Construction Improvements	34,156	34,156
FAM HSG CON, ARMY	South Camp Vilsack	Family Housing New Construction (36 Units)	22,445	22,445

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	Budget Request	Senate Authorized
	<i>Korea</i>			
FAM HSG CON, ARMY	Camp Humphreys	Family Housing New Construction Incr 2	34,402	34,402
	<i>Kwajalein</i>			
FAM HSG CON, ARMY	Kwajalein Atoll	Family Housing Replacement Construction	31,000	0
	<i>Massachusetts</i>			
FAM HSG CON, ARMY	Natick	Family Housing Replacement Construction	21,000	21,000
	<i>Worldwide Unspecified</i>			
FAM HSG CON, ARMY	Unspecified Worldwide Locations	Planning & Design	33,559	33,559
SUBTOTAL FAM HSG CON, ARMY			182,662	151,662
FAM HSG O&M, ARMY				
	<i>Worldwide Unspecified</i>			
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Management	37,089	37,089
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Services	8,930	8,930
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Furnishings	12,816	12,816
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Miscellaneous	400	400
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Maintenance	57,708	57,708
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Utilities	60,251	60,251
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Leasing	148,538	148,538
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Housing Privatization Support	20,893	20,893
SUBTOTAL FAM HSG O&M, ARMY			346,625	346,625
FAM HSG CON, N/MC				
	<i>Bahrain Island</i>			
FAM HSG CON, N/MC	SW Asia	Construct On-Base GFOQ	2,138	2,138
	<i>Mariana Islands</i>			
FAM HSG CON, N/MC	Guam	Replace Andersen Housing PH II	40,875	0
	<i>Worldwide Unspecified</i>			
FAM HSG CON, N/MC	Unspecified Worldwide Locations	Construction Improvements	36,251	36,251
FAM HSG CON, N/MC	Unspecified Worldwide Locations	Planning & Design	4,418	4,418
SUBTOTAL FAM HSG CON, N/MC			83,682	42,807
FAM HSG O&M, N/MC				
	<i>Worldwide Unspecified</i>			
FAM HSG O&M, N/MC	Unspecified Worldwide Locations	Utilities	62,167	62,167
FAM HSG O&M, N/MC	Unspecified Worldwide Locations	Furnishings	14,529	14,529
FAM HSG O&M, N/MC	Unspecified Worldwide Locations	Management	50,989	50,989
FAM HSG O&M, N/MC	Unspecified Worldwide Locations	Miscellaneous	336	336
FAM HSG O&M, N/MC	Unspecified Worldwide Locations	Services	15,649	15,649
FAM HSG O&M, N/MC	Unspecified Worldwide Locations	Leasing	61,921	61,921
FAM HSG O&M, N/MC	Unspecified Worldwide Locations	Maintenance	95,104	95,104
FAM HSG O&M, N/MC	Unspecified Worldwide Locations	Housing Privatization Support	27,587	27,587
SUBTOTAL FAM HSG O&M, N/MC			328,282	328,282
FAM HSG CON, AF				
	<i>Worldwide Unspecified</i>			
FAM HSG CON, AF	Unspecified Worldwide Locations	Construction Improvements	80,617	80,617
FAM HSG CON, AF	Unspecified Worldwide Locations	Planning & Design	4,445	4,445

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	Budget Request	Senate Authorized
SUBTOTAL FAM HSG CON, AF			85,062	85,062
FAM HSG O&M, AF				
	<i>Worldwide Unspecified</i>			
FAM HSG O&M, AF	<i>Unspecified Worldwide Locations</i>	Housing Privatization	21,569	21,569
FAM HSG O&M, AF	<i>Unspecified Worldwide Locations</i>	Utilities	47,504	47,504
FAM HSG O&M, AF	<i>Unspecified Worldwide Locations</i>	Management	53,464	53,464
FAM HSG O&M, AF	<i>Unspecified Worldwide Locations</i>	Services	13,517	13,517
FAM HSG O&M, AF	<i>Unspecified Worldwide Locations</i>	Furnishings	29,424	29,424
FAM HSG O&M, AF	<i>Unspecified Worldwide Locations</i>	Miscellaneous	1,839	1,839
FAM HSG O&M, AF	<i>Unspecified Worldwide Locations</i>	Leasing	16,818	16,818
FAM HSG O&M, AF	<i>Unspecified Worldwide Locations</i>	Maintenance	134,189	134,189
SUBTOTAL FAM HSG O&M, AF			318,324	318,324
FAM HSG O&M, DW				
	<i>Worldwide Unspecified</i>			
FAM HSG O&M, DW	<i>Unspecified Worldwide Locations</i>	Utilities	4,100	4,100
FAM HSG O&M, DW	<i>Unspecified Worldwide Locations</i>	Furnishings	407	407
FAM HSG O&M, DW	<i>Unspecified Worldwide Locations</i>	Utilities	268	268
FAM HSG O&M, DW	<i>Unspecified Worldwide Locations</i>	Leasing	12,390	12,390
FAM HSG O&M, DW	<i>Unspecified Worldwide Locations</i>	Maintenance	655	655
FAM HSG O&M, DW	<i>Unspecified Worldwide Locations</i>	Furnishings	641	641
FAM HSG O&M, DW	<i>Unspecified Worldwide Locations</i>	Leasing	39,716	39,716
FAM HSG O&M, DW	<i>Unspecified Worldwide Locations</i>	Furnishings	6	6
FAM HSG O&M, DW	<i>Unspecified Worldwide Locations</i>	Services	14	14
FAM HSG O&M, DW	<i>Unspecified Worldwide Locations</i>	Utilities	86	86
FAM HSG O&M, DW	<i>Unspecified Worldwide Locations</i>	Maintenance	567	567
FAM HSG O&M, DW	<i>Unspecified Worldwide Locations</i>	Management	319	319
SUBTOTAL FAM HSG O&M, DW			59,169	59,169
FAM HSG IMPROVE FUND				
	<i>Worldwide Unspecified</i>			
FAM HSG IMPROVE FUND	<i>Unspecified Worldwide Locations</i>	Administrative Expenses—Fltjif	2,726	2,726
SUBTOTAL FAM HSG IMPROVE FUND			2,726	2,726
TOTAL FAMILY HOUSING			1,406,532	1,334,657
DEFENSE BASE REALIGNMENT AND CLOSURE				
DOD BRAC—ARMY				
	<i>Worldwide Unspecified</i>			
DOD BRAC—ARMY	<i>Base Realignment & Closure, Army</i>	Base Realignment and Closure	58,000	58,000
SUBTOTAL DOD BRAC—ARMY			58,000	58,000
DOD BRAC—NAVY				
	<i>Worldwide Unspecified</i>			
DOD BRAC—NAVY	<i>Base Realignment & Closure, Navy</i>	Base Realignment & Closure	93,474	93,474
DOD BRAC—NAVY	<i>Unspecified Worldwide Locations</i>	DON-172: NWS Seal Beach, Concord, CA	5,355	5,355
DOD BRAC—NAVY	<i>Unspecified Worldwide Locations</i>	DON-138: NAS Brunswick, ME	647	647

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	Budget Request	Senate Authorized
DOD BRAC—NAVY	Unspecified Worldwide Locations	DON-157: MCSA Kansas City, MO	40	40
DOD BRAC—NAVY	Unspecified Worldwide Locations	DON-84: JRB Willow Grove & Cambria Reg AP	4,737	4,737
DOD BRAC—NAVY	Unspecified Worldwide Locations	Undistributed	7,210	7,210
DOD BRAC—NAVY	Unspecified Worldwide Locations	DON-100: Planning, Design and Management	8,428	8,428
DOD BRAC—NAVY	Unspecified Worldwide Locations	DON-101: Various Locations	23,753	23,753
SUBTOTAL DOD BRAC—NAVY			143,644	143,644
DOD BRAC—AIR FORCE				
DOD BRAC—AIR FORCE	Worldwide Unspecified Unspecified Worldwide Locations	DoD BRAC Activities—Air Force	54,223	54,223
SUBTOTAL DOD BRAC—AIR FORCE			54,223	54,223
TOTAL DEFENSE BASE REALIGNMENT AND CLOSURE			255,867	255,867
UNACCOMP HSG IMPRV FUND				
UNACCOMP HSG IMPRV FUND				
UNACCOMP HSG IMPRV FUND	Worldwide Unspecified Unaccompanied Housing Improvement Fund	Administrative Expenses—UHIF	623	623
SUBTOTAL UNACCOMP HSG IMPRV FUND			623	623
TOTAL UNACCOMP HSG IMPRV FUND			623	623
TOTAL MILITARY CONSTRUCTION, FAMILY HOUSING, AND BRAC			9,782,451	10,159,660

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 or Country and Installation	Project Title	Budget Request	Senate Authorized
MILITARY CONSTRUCTION				
MILCON, ARMY				
MILCON, ARMY	Guantanamo Bay, Cuba Guantanamo Bay	OCO: Barracks	115,000	115,000
MILCON, ARMY	Worldwide Unspecified Unspecified Worldwide Locations	ERI: Planning and Design	15,700	0
MILCON, ARMY	Unspecified Worldwide Locations	OCO: Planning and Design	9,000	9,000
SUBTOTAL MILCON, ARMY			139,700	124,000
MIL CON, NAVY				
MIL CON, NAVY	Worldwide Unspecified Unspecified Worldwide Locations	ERI: Planning and Design	18,500	0
SUBTOTAL MIL CON, NAVY			18,500	0
MILCON, AIR FORCE				
<i>Estonia</i>				
MILCON, AIR FORCE	Amari Air Base	ERI: POL Capacity Phase II	4,700	0
MILCON, AIR FORCE	Amari Air Base	ERI: Tactical Fighter Aircraft Parking Apron	9,200	0
<i>Hungary</i>				
MILCON, AIR FORCE	Kecskesmet AB	ERI: Increase POL Storage Capacity	12,500	0
MILCON, AIR FORCE	Kecskesmet AB	ERI: Construct Parallel Taxiway	30,000	0
MILCON, AIR FORCE	Kecskesmet AB	ERI: Airfield Upgrades	12,900	0

SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Account	State or Country and Installation	Project Title	Budget Request	Senate Authorized
	<i>Iceland</i>			
MILCON, AIR FORCE	<i>Keftavik</i>	ERI: Airfield Upgrades	14,400	0
	<i>Jordan</i>			
MILCON, AIR FORCE	<i>Azraq</i>	OCO: MSAB Development	143,000	143,000
	<i>Latvia</i>			
MILCON, AIR FORCE	<i>Lielvarde Air Base</i>	ERI: Expand Strategic Ramp Parking	3,850	0
	<i>Luxembourg</i>			
MILCON, AIR FORCE	<i>Sanem</i>	ERI: ECAOS Deployable Airbase System Storage	67,400	0
	<i>Norway</i>			
MILCON, AIR FORCE	<i>Rygge</i>	ERI: Replace/Expand Quick Reaction Alert Pad ..	10,300	0
	<i>Romania</i>			
MILCON, AIR FORCE	<i>Campia Turzii</i>	ERI: Upgrade Utilities Infrastructure	2,950	0
	<i>Slovakia</i>			
MILCON, AIR FORCE	<i>Malacky</i>	ERI: Increase POL Storage Capacity	20,000	0
MILCON, AIR FORCE	<i>Malacky</i>	ERI: Airfield Upgrades	4,000	0
MILCON, AIR FORCE	<i>Sliac Airport</i>	ERI: Airfield Upgrades	22,000	0
	<i>Turkey</i>			
MILCON, AIR FORCE	<i>Incirlik AB</i>	OCO: Replace Perimeter Fence	8,100	8,100
MILCON, AIR FORCE	<i>Incirlik AB</i>	OCO: Relocate Base Main Access Control Point ...	14,600	14,600
	<i>Worldwide Unspecified</i>			
MILCON, AIR FORCE	<i>Unspecified Worldwide Locations</i>	ERI: Planning and Design	56,630	0
MILCON, AIR FORCE	<i>Unspecified Worldwide Locations</i>	OCO—Planning and Design	41,500	41,500
SUBTOTAL MILCON, AIR FORCE			478,030	207,200
MIL CON, DEF-WIDE				
	<i>Worldwide Unspecified</i>			
MIL CON, DEF-WIDE	<i>Unspecified Worldwide Locations</i>	ERI: Planning and Design	1,900	0
SUBTOTAL MIL CON, DEF-WIDE			1,900	0
TOTAL MILITARY CONSTRUCTION			638,130	331,200
TOTAL MILITARY CONSTRUCTION, FAMILY HOUSING, AND BRAC			638,130	331,200

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	Senate Authorized
Discretionary Summary by Appropriation		
Energy and Water Development and Related Agencies		
Appropriation Summary:		
Energy Programs		
<i>Nuclear energy</i>	133,000	133,000

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2018 Request	Senate Authorized
Atomic Energy Defense Activities		
National nuclear security administration:		
Weapons activities	10,239,344	10,512,944
Defense nuclear nonproliferation	1,793,310	2,043,607
Naval reactors	1,479,751	1,517,751
Federal Salaries and Expenses	418,595	418,595
Total, National nuclear security administration	13,931,000	14,492,897
Environmental and other defense activities:		
Other defense activities	815,512	815,512
Defense nuclear waste disposal	30,000	30,000
Total, Environmental & other defense activities	845,512	845,512
Total, Atomic Energy Defense Activities	14,776,512	15,338,409
Subtotal, Energy And Water Development and Related Agencies	14,909,512	15,471,409
Defense EM funded	5,537,186	5,537,186
Uranium enrichment D&D fund contribution	0	0
Total, Discretionary Funding	20,446,698	21,008,595
Nuclear Energy		
Idaho site-wide safeguards and security	133,000	133,000
Total, Nuclear Energy	133,000	133,000
Defense (050) function.....(non-add)	(133,000)	-133,000
Weapons Activities		
Directed stockpile work		
Life extension programs and major alterations		
B61 Life extension program	788,572	788,572
W76 Life extension program	224,134	224,134
W88 Alt 370	0	0
W88 Alteration program	332,292	332,292
W80-4 Life extension program	399,090	399,090
Total, Life extension programs and major alterations	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	217,740
Program increase for technology maturation		[20,900]
Management, technology, and production	285,400	285,400
Total, Stockpile services	983,790	1,004,690
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	3,997,926
Research, development, test evaluation (RDT&E)		
Science		
Advanced certification	57,710	57,710
Primary assessment technologies	89,313	89,313

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2018 Request	Senate Authorized
<i>Dynamic materials properties</i>	122,347	122,347
<i>Advanced radiography</i>	37,600	37,600
<i>Secondary assessment technologies</i>	76,833	76,833
<i>Academic alliances and partnerships</i>	52,963	52,963
<i>Enhanced Capabilities for Subcritical Experiments</i>	50,755	65,755
<i>Radiography project completion</i>		[15,000]
Total, Science	487,521	502,521
Engineering		
<i>Enhanced surety</i>	39,717	52,017
<i>Program increase for technology maturation</i>		[12,300]
<i>Weapon systems engineering assessment technology</i>	23,029	23,029
<i>Nuclear survivability</i>	45,230	45,230
<i>Enhanced surveillance</i>	45,147	45,147
<i>Stockpile Responsiveness</i>	40,000	50,000
<i>Program increase</i>		[10,000]
Total, Engineering	193,123	215,423
Inertial confinement fusion ignition and high yield		
<i>Ignition</i>	79,575	79,575
<i>Support of other stockpile programs</i>	23,565	23,565
<i>Diagnostics, cryogenics and experimental support</i>	77,915	77,915
<i>Pulsed power inertial confinement fusion</i>	7,596	7,596
<i>Joint program in high energy density laboratory plasmas</i>	9,492	9,492
<i>Facility operations and target production</i>	334,791	346,791
<i>Support increased shot rates</i>		[12,000]
Total, Inertial confinement fusion and high yield	532,934	544,934
Advanced simulation and computing		
<i>Advanced simulation and computing</i>	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 development		
<i>Additive manufacturing</i>	12,000	24,000
<i>Program increase for research and infrastructure</i>		[12,000]
<i>Component manufacturing development</i>	38,644	75,044
<i>Improve production efficiency</i>		[36,400]
<i>Process technology development</i>	29,896	29,896
Total, Advanced manufacturing development	80,540	128,940
Total, RDT&E	2,028,362	2,126,062
Infrastructure and operations		
Operating		
Operations of facilities		
<i>Operations of facilities</i>	868,000	868,000
<i>Kansas City National Security Campus</i>	0	0
<i>Lawrence Livermore National Laboratory</i>	0	0
<i>Los Alamos National Laboratory</i>	0	0
<i>Nevada National Security Site</i>	0	0
<i>Pantex</i>	0	0
<i>Sandia National Laboratories</i>	0	0
<i>Savannah River Site</i>	0	0
<i>Y-12 National security complex</i>	0	0
Total, Operations of facilities	868,000	868,000
<i>Safety and environmental operations</i>	116,000	116,000
<i>Maintenance and repair of facilities</i>	360,000	410,000
<i>Reduce deferred maintenance backlog</i>		[50,000]
<i>Recapitalization</i>	427,342	527,342
<i>Reduce deferred maintenance backlog</i>		[100,000]
Construction:		
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
17-D-136, PF-4 reconfiguration project, LANL	0	0

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2018 Request	Senate Authorized
17-D-125, RLOUB reconfiguration project, LANL	0	0
16-D-621 TA-3 substation replacement, LANL	0	0
16-D-515 Albuquerque complex project	98,000	98,000
15-D-613 Emergency Operations Center, Y-12	7,000	7,000
15-D-302, TA-55 Reinvestment project, Phase 3, LANL	0	0
11-D-801 TA-55 Reinvestment project Phase 2, LANL	0	0
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
Chemistry and metallurgy replacement (CMRR)		
04-D-125 Chemistry and metallurgy research facility replace- ment project, LANL	180,900	180,900
04-D-125-04 RLUOB equipment installation	0	0
04-D-125-05 PF-4 equipment installation	0	0
Total, Chemistry and metallurgy replacement (CMRR)	180,900	180,900
Total, Construction	1,031,795	1,031,795
Total, Infrastructure and operations	2,803,137	2,953,137
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	691,977
Reduce deferred maintenance backlog		[5,000]
Security improvements program	0	0
Construction:		
17-D-710 West end protected area reduction project, Y-12	0	0
14-D-710 Device assembly facility argus installation project, NNSS, NV	0	0
Total, Defense nuclear security	686,977	691,977
Information technology and cybersecurity	186,728	186,728
Legacy contractor pensions	232,050	232,050
Subtotal, Weapons activities	10,239,344	10,512,944
Adjustments		
Use of prior year balances	0	0
Subtotal, Weapons activities	10,239,344	10,512,944
Rescission		
Rescission of prior year balances	0	0
Total, Weapons Activities	10,239,344	10,512,944
Defense Nuclear Nonproliferation		
Defense Nuclear Nonproliferation Programs		
Global material security		
International nuclear security	46,339	66,339
Enhanced nuclear security		[20,000]
Radiological security	146,340	166,340
Protection and safe disposal of radioactive sources		[20,000]
Domestic radiologic security	0	0
International radiologic security	0	0
Nuclear smuggling detection	144,429	204,429
Radiation detection		[60,000]
Total, Global material security	337,108	437,108
Material management and minimization		
HEU reactor conversion	125,500	125,500
Nuclear material removal	32,925	32,925
Material disposition	173,669	173,669
Total, Material management & minimization	332,094	332,094
Nonproliferation and arms control	129,703	200,000
Verification		[70,297]
Defense nuclear nonproliferation R&D	446,095	446,095

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2018 Request	Senate Authorized
Nonproliferation construction		
U. S. Construction:		
18-D-150 Surplus Plutonium Disposition Project	9,000	9,000
99-D-143 Mixed Oxide (MOX) Fuel Fabrication Facility, SRS	270,000	350,000
Increase to continue construction of MOX		[80,000]
Total, Nonproliferation construction	279,000	359,000
Total, Defense Nuclear Nonproliferation Programs	1,524,000	1,774,297
Legacy contractor pensions	40,950	40,950
Nuclear counterterrorism and incident response program	277,360	277,360
Subtotal, Defense Nuclear Nonproliferation	1,842,310	2,092,607
Adjustments		
Use of prior year balances	0	0
Subtotal, Defense Nuclear Nonproliferation	1,842,310	2,092,607
Rescission		0
Rescission of prior year balances	-49,000	-49,000
Total, Defense Nuclear Nonproliferation	1,793,310	2,043,607
Naval Reactors		
Naval reactors development	473,267	473,267
Ohio replacement reactor systems development	0	0
Columbia-Class reactor systems development	156,700	156,700
SSG Prototype refueling	190,000	190,000
Naval reactors operations and infrastructure	466,884	504,884
Reduce deferred maintenance backlog		[38,000]
Construction:		0
17-D-911, BL Fire System Upgrade	0	0
15-D-904 NRF Overpack Storage Expansion 3	13,700	13,700
15-D-903 KL Fire System Upgrade	15,000	15,000
15-D-902 KS Engineroom team trainer facility	0	0
14-D-902 KL Materials characterization laboratory expansion, KAPL	0	0
14-D-901 Spent fuel handling recapitalization project, NRF	116,000	116,000
10-D-903, Security upgrades, KS	0	0
Total, Construction	144,700	144,700
Program direction	48,200	48,200
Subtotal, Naval Reactors	1,479,751	1,517,751
Rescission		
Rescission of prior year balances	0	0
Total, Naval Reactors	1,479,751	1,517,751
Federal Salaries and Expenses		
Program direction	418,595	418,595
Rescission	0	0
Total, Federal Salaries and Expenses	418,595	418,595
Defense Environmental Cleanup		
Closure sites:		
Closure sites administration	4,889	4,889
Hanford site:		
River corridor and other cleanup operations:		
River corridor and other cleanup operations	58,692	58,692
Central plateau remediation:		
Central plateau remediation	637,879	637,879
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	716,192
Idaho National Laboratory:		
SNF stabilization and disposition—2012	19,975	19,975
Solid waste stabilization and disposition	170,101	170,101

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2018 Request	Senate Authorized
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 and Nevada off-sites		
Lawrence Livermore National Laboratory	1,175	1,175
Nuclear facility D&D 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	99,579	99,579
U233 Disposition Program	33,784	33,784
OR cleanup and disposition		
OR cleanup and disposition	66,632	66,632
OR community & regulatory support	4,605	4,605
Solid waste stabilization and disposition		
Oak Ridge technology development	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 & 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:		
Savannah River risk management operations:		
Nuclear material stabilization and disposition	0	0
SNF stabilization and disposition	0	0
Soil and water remediation—2035	0	0
Solid waste stabilization and disposition	0	0
Total, Savannah River risk management operations	0	0
Nuclear Material Management		
Nuclear Material Management	323,482	323,482
Environmental Cleanup		
Environmental Cleanup	159,478	159,478
Construction:		
08-D-402, Emergency Operations Center	500	500
Total, Environmental Cleanup	159,978	159,978
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:		

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2018 Request	Senate Authorized
18-D-401, SDU #8/9	500	500
17-D-402—Saltstone Disposal Unit #7	40,000	40,000
15-D-402—Saltstone Disposal Unit #6, SR&S	0	0
05-D-405 Salt waste processing facility, Savannah River Site ..	150,000	150,000
Total, Savannah River Site	1,282,467	1,282,467
Waste Isolation Pilot Plant		
Operations and maintenance	206,617	206,617
Recovery activities	0	0
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
CB-0101 Economic assistance to the state of NM	0	0
Subtotal, Defense environmental cleanup	5,537,186	5,537,186
Rescission:		
Rescission of prior year balances	0	0
Total, Defense Environmental Cleanup	5,537,186	5,537,186
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	237,912
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 administrative support		
Chief financial officer	48,484	48,484
Chief information officer	91,443	91,443
Management	0	0
Project management oversight and Assessments	3,073	3,073
Total, Defense related administrative support	143,000	143,000
Office of hearings and appeals	5,605	5,605
Subtotal, Other defense activities	815,512	815,512

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

<i>Program</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
Rescission:		
<i>Rescission of prior year balances (LM)</i>	<i>0</i>	<i>0</i>
<i>Rescission of prior year balances (EHS&S)</i>	<i>0</i>	<i>0</i>
<i>Rescission of prior year balances (OHA)</i>	<i>0</i>	<i>0</i>
<i>Rescission of prior year balances (SSA)</i>	<i>0</i>	<i>0</i>
<i>Rescission of prior year balances (EA)</i>	<i>0</i>	<i>0</i>
<i>Rescission of prior year balances (ESA)</i>	<i>0</i>	<i>0</i>
Total, Rescission	0	0
Total, Other Defense Activities	815,512	815,512
 Defense Nuclear Waste Disposal		
<i>Yucca mountain and interim storage</i>	<i>30,000</i>	<i>30,000</i>
 Uranium Enrichment D&D Fund		
<i>Uranium Enrichment D&D Fund Contribution</i>	<i>0</i>	<i>0</i>

Calendar No. 165

115TH CONGRESS
1ST Session

S. 1519

[Report No. 115-125]

A BILL

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 10, 2017

Read twice and placed on the calendar