

**H.R. 2810—FY18 NATIONAL DEFENSE
AUTHORIZATION BILL**

CHAIRMAN’S MARK

SUMMARY OF BILL LANGUAGE..... 1

BILL LANGUAGE..... 66

DIRECTIVE REPORT LANGUAGE..... 660

ADDENDUM: SUMMARY TABLES* 690

*NOTE: THE SUMMARY TABLES ARE INFORMATIONAL ONLY AND WILL BE INCLUDED AS PART OF THE COMMITTEE REPORT.

SUMMARY OF BILL LANGUAGE

Table Of Contents

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 101—Authorization of Appropriations

SUBTITLE B—NAVY PROGRAMS

Section 113—Limitation on Availability of Funds for Procurement of Icebreaker Vessels

SUBTITLE C—AIR FORCE PROGRAMS

Section 121—Streamlining Acquisition of Intercontinental Ballistic Missile Security Capability

Section 122—Limitation on Selection of Single Contractor for C-130H Avionics Modernization Program Increment 2

SUBTITLE D—DEFENSE-WIDE, JOINT, AND MULTISERVICE MATTERS

Section 132—Limitation on Demilitarization of Certain Cluster Munitions

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND

EVALUATION

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 201—Authorization of Appropriations

SUBTITLE B—PROGRAM REQUIREMENTS, RESTRICTIONS, AND LIMITATIONS

Section 211—Cost Controls for Presidential Aircraft Recapitalization Program

Section 217—Limitation on Availability of Funds for MQ-25 Unmanned Air System

Section 218—Limitation on Availability of Funds for Contract Writing Systems

TITLE III—OPERATION AND MAINTENANCE

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 301—Authorization of Appropriations

SUBTITLE B—ENERGY AND ENVIRONMENT

Section 311—Codification of and Improvements to Department of Defense Clearinghouse to Coordinate Department Review of Applications for Certain Projects That May Have Adverse Impact on Military Operations and Readiness

SUBTITLE C—REPORTS

Section 322—Annual Report on Personnel, Training, and Equipment Needs of Non-Federalized National Guard

SUBTITLE D—OTHER MATTERS

Section 332—Security Clearance Investigations

TITLE IV—MILITARY PERSONNEL AUTHORIZATIONS

LEGISLATIVE PROVISIONS

SUBTITLE C—AUTHORIZATION OF APPROPRIATIONS

Section 421—Military Personnel

TITLE V—MILITARY PERSONNEL POLICY

LEGISLATIVE PROVISIONS

SUBTITLE A—REGULAR AND RESERVE COMPONENT MANAGEMENT

Section 503—Equal Treatment of Orders to Serve on Active Duty under

Section 12304a and 12304b of Title 10, United States Code

TITLE VI—COMPENSATION AND OTHER PERSONNEL

BENEFITS

LEGISLATIVE PROVISIONS

SUBTITLE A—PAY AND ALLOWANCES

Section 601—Annual Adjustment of Basic Monthly Pay

Section 602—Limitation on Basic Allowance for Housing Modification

Authority for Members of the Uniformed Services Residing in Military

Housing Privatization Initiative Housing

SUBTITLE C—DISABILITY PAY, RETIRED PAY, AND SURVIVOR BENEFITS

Section 621—Findings and Sense of Congress regarding the Special Survivor

Indemnity Allowance

TITLE VIII—ACQUISITION POLICY, ACQUISITION

MANAGEMENT, AND RELATED MATTERS

LEGISLATIVE PROVISIONS

SUBTITLE A—DEFENSE ACQUISITION STREAMLINING AND TRANSPARENCY

PART I—ACQUISITION SYSTEM STREAMLINING

Section 801—Procurement through Online Marketplaces

Section 802—Performance of Incurred Cost Audits

Section 803—Modifications to Cost or Pricing Data and Reporting

Requirements

PART II—EARLY INVESTMENTS IN ACQUISITION PROGRAMS

Section 811—Requirement to Emphasize Reliability and Maintainability in

Weapon System Design

Section 812—Licensing of Appropriate Intellectual Property to Support

Major Weapon Systems

Section 813—Management of Intellectual Property Matters within the

Department of Defense

Section 814—Improvement of Planning for Acquisition of Services

Section 815—Improvements to Test and Evaluation Processes and Tools

PART III—ACQUISITION WORKFORCE IMPROVEMENTS

Section 821—Enhancements to the Civilian Program Management Workforce

Section 822—Improvements to the Hiring and Training of the Acquisition

Workforce

Section 823—Extension and Modifications to Acquisition Demonstration

Project

Section 824—Acquisition Positions in the Offices of the Secretaries of the Military Departments

PART IV—TRANSPARENCY IMPROVEMENTS

Section 831—Transparency of Defense Business System Data

Section 832—Major Defense Acquisition Programs: Display of Budget Information

Section 833—Enhancements to Transparency in Test and Evaluation Processes and Data

SUBTITLE B—STREAMLINING OF DEFENSE ACQUISITION STATUTES AND REGULATIONS

Section 841—Modifications to the Advisory Panel on Streamlining and Codifying Acquisition Regulations

Section 842—Extension of Maximum Duration of Fuel Storage Contracts

Section 843—Exception for Business Operations from Requirement to Accept \$1 Coins

Section 844—Repeal of Expired Pilot Program

SUBTITLE C—AMENDMENTS TO GENERAL CONTRACTING AUTHORITIES, PROCEDURES, AND LIMITATIONS

Section 851—Limitation on Unilateral Definitization

Section 852—Codification of Requirements Pertaining to Assessment, Management, and Control of Operating and Support Costs for Major Weapon Systems

Section 853—Use of Program Income by Eligible Entities That Carry Out Procurement Technical Assistance Programs

Section 854—Amendment to Sustainment Reviews

Section 856—Amendment to Nontraditional and Small Contractor Innovation Prototyping Program

Section 857—Modification to Annual Meeting Requirement of Configuration Steering Boards

Section 858—Change to Definition of Subcontract in Certain Circumstances

Section 859—Amendment Relating to Applicability of Inflation Adjustments

SUBTITLE D—OTHER MATTERS

Section 863—Procurement of Aviation Critical Safety Items

Section 864—Milestones and Timelines for Contracts for Foreign Military Sales

Section 865—Notification Requirement for Certain Contracts for Audit Services

Section 866—Training in Acquisition of Commercial Items

TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND MANAGEMENT

LEGISLATIVE PROVISIONS

SUBTITLE A—ORGANIZATION AND MANAGEMENT OF THE DEPARTMENT OF DEFENSE GENERALLY

Section 902—Repeal of Office of Corrosion Policy and Oversight

SUBTITLE B—OTHER MATTERS

Section 921—Transition of the Office of the Secretary of Defense to Reflect Establishment of Positions of Under Secretary of Defense for Research and Engineering, Under Secretary of Defense for Acquisition and Sustainment, and Chief Management Officer

Section 922—Extension of Deadlines for Reporting and Briefing Requirements for Commission on the National Defense Strategy for the United States

TITLE X—GENERAL PROVISIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—FINANCIAL MATTERS

Section 1001—General Transfer Authority

Section 1002—Preparation of Consolidated Corrective Action Plan and Implementation of Centralized Reporting System

SUBTITLE B—NAVAL VESSELS AND SHIPYARDS

Section 1011—National Defense Sealift Fund

SUBTITLE C—COUNTERTERRORISM

Section 1022—Prohibition on Use of Funds for Transfer or Release of Individuals Detained at United States Naval Station, Guantanamo Bay, Cuba to the United States

Section 1023—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

Section 1024—Prohibition on Use of Funds for Transfer or Release of Individuals Detained at United States Naval Station, Guantanamo Bay, Cuba, to Certain Countries

SUBTITLE D—MISCELLANEOUS AUTHORITIES AND LIMITATIONS

Section 1032—Modifications to Humanitarian Demining Assistance Authorities

Section 1034—Limitation on Divestment of U-2 or RQ-4 Aircraft

SUBTITLE E—STUDIES AND REPORTS

Section 1041—Elimination of Reporting Requirements Terminated after November 25, 2017, Pursuant to Section 1080 of the National Defense Authorization Act for Fiscal Year 2016

Section 1042—Report on Department of Defense Arctic Capability and Resource Gaps

SUBTITLE F—OTHER MATTERS

Section 1051—Technical, Conforming, and Clerical Amendments

Section 1052—Workforce Issues for Relocation of Marines to Guam

Section 1053—National Guard Accessibility to Department of Defense Issued Unmanned Aircraft

Section 1054—Sense of Congress Regarding Aircraft Carriers

Section 1055—Notice to Congress of Terms of Department of Defense Settlement Agreements

TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—ASSISTANCE AND TRAINING

Section 1201—One-Year Extension of Logistical Support for Coalition Forces Supporting Certain United States Military Operations

Section 1202—Modification to Special Defense Acquisition Fund

Section 1203—Modification to Ministry of Defense Advisor Authority

Section 1204—Modification of Authority to Build Capacity of Foreign Security Forces

Section 1205—Extension and Modification of Authority on Training for Eastern European National Military Forces in the Course of Multilateral Exercises

Section 1206—Extension of Participation in and Support of the Inter-American Defense College

SUBTITLE B—MATTERS RELATING TO AFGHANISTAN AND PAKISTAN

Section 1211—Extension of Authority to Transfer Defense Articles and Provide Defense Services to the Military and Security Forces of Afghanistan

Section 1212—Modification to Report on Enhancing Security and Stability in Afghanistan

Section 1213—Report on United States Strategy in Afghanistan

Section 1214—Extension and Modification of Authority for Reimbursement of Certain Coalition Nations for Support Provided to United States Military Operations

SUBTITLE C—MATTERS RELATING TO SYRIA, IRAQ, AND IRAN

Section 1221—Report on United States Strategy in Syria

Section 1222—Extension and Modification of Authority to Provide Assistance to Counter the Islamic State of Iraq and the Levant

Section 1223—Extension and Modification of Authority to Support Operations and Activities of the Office of Security Cooperation in Iraq

Section 1224—Sense of Congress on Threats Posed by the Government of Iran

SUBTITLE D—MATTERS RELATING TO THE RUSSIAN FEDERATION

Section 1231—Extension of Limitation on Military Cooperation between the United States and the Russian Federation

Section 1232—Prohibition on Availability of Funds Relating to Sovereignty of the Russian Federation over Crimea

Section 1233—Statement of Policy on the Russian Federation

Section 1234—Modification and Extension of Ukraine Security Assistance Initiative

SUBTITLE E—INTERMEDIATE-RANGE NUCLEAR FORCES (INF) TREATY

PRESERVATION ACT OF 2017

Section 1243—Compliance Enforcement regarding Russian Violations of the INF Treaty

SUBTITLE F—MATTERS RELATING TO THE INDO-ASIA-PACIFIC REGION

Section 1251—Sense of Congress on the Indo-Asia-Pacific Region

Section 1252—Report on Strategy to Prioritize United States Defense Interests in the Indo-Asia-Pacific Region
Section 1253—Assessment of United States Force Posture and Basing Needs in the Indo-Asia-Pacific Region
Section 1254—Extended Deterrence Commitment to the Asia-Pacific Region
Section 1255—Sense of Congress Reaffirming Security Commitments to the Governments of Japan and South Korea and Trilateral Cooperation between the United States, Japan, and South Korea
Section 1256—Sense of Congress on Freedom of Navigation Operations in the South China Sea
Section 1257—Sense of Congress on Strengthening the Defense of Taiwan
Section 1258—Sense of Congress on the Association on Southeast Asian Nations
Section 1259—Sense of Congress on Reaffirming the Importance of the United States-Australia Defense Alliance

SUBTITLE G—OTHER MATTERS

Section 1263—Security and Stability Strategy for Somalia
Section 1264—Assessment of Global Theater Security Cooperation Management Information System
Section 1265—Future Years Plan for the European Deterrence Initiative
Section 1266—Extension of Authority to Enter into Agreements with Participating Countries in the American, British, Canadian, and Australian Armies' Program
Section 1267—Security Strategy for Yemen
Section 1268—Limitation on Transfer of Excess Defense Articles that are High Mobility Multi-Purpose Wheeled Vehicles
Section 1269—Department of Defense Program to Protect United States Students Against Foreign Agents

TITLE XIV—OTHER AUTHORIZATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—MILITARY PROGRAMS

Section 1401—Working Capital Funds
Section 1402—Chemical Agents and Munitions Destruction, Defense
Section 1403—Drug Interdiction and Counter-Drug Activities, Defense-Wide
Section 1404—Defense Inspector General
Section 1405—Defense Health Program
Section 1406—National Defense Sealift Fund

TITLE XV—AUTHORIZATION OF ADDITIONAL APPROPRIATIONS FOR OVERSEAS CONTINGENCY OPERATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 1501—Purpose
Section 1502—Procurement

Section 1503—Research, Development, Test, and Evaluation
Section 1504—Operation and Maintenance
Section 1505—Military Personnel
Section 1506—Working Capital Funds
Section 1507—Drug Interdiction and Counter-Drug Activities, Defense-Wide
Section 1508—Defense Inspector General
Section 1509—Defense Health Program
SUBTITLE B—FINANCIAL MATTERS
Section 1511—Treatment as Additional Authorizations
Section 1512—Special Transfer Authority
SUBTITLE C—LIMITATIONS, REPORTS, AND OTHER MATTERS
Section 1521—Afghanistan Security Forces Fund
**TITLE XVI—STRATEGIC PROGRAMS, CYBER, AND
INTELLIGENCE MATTERS**
LEGISLATIVE PROVISIONS
SUBTITLE B—SPACE ACTIVITIES
Section 1615—Evolved Expendable Launch Vehicle Modernization and
Sustainment of Assured Access to Space
Section 1617—Demonstration of Backup and Complementary Positioning,
Navigation, and Timing Capabilities of Global Positioning System
Section 1618—Enhancement of Positioning, Navigation, and Timing Capacity
Section 1620—Report on Operational and Contingency Plans for Loss or
Degradation of Space Capabilities
SUBTITLE C—DEFENSE INTELLIGENCE AND INTELLIGENCE-RELATED ACTIVITIES
Section 1631—Security Clearances for Facilities of Certain Contractors
Section 1635—Review of Support Provided by Defense Intelligence Elements
to Acquisition Activities of the Department
Section 1636—Limitation on Availability of Funds for Certain Offensive
Counterintelligence Activities
Section 1637—Prohibition on Availability of Funds for Certain Relocation
Activities for NATO Intelligence Fusion Center
Section 1638—Establishment of Chairman's Controlled Activity within Joint
Staff for Intelligence, Surveillance, and Reconnaissance
SUBTITLE E—NUCLEAR FORCES
Section 1653—Establishment of Nuclear Command and Control Intelligence
Fusion Center
SUBTITLE F—MISSILE DEFENSE PROGRAMS
Section 1675—Defense of Hawaii from North Korean Ballistic Missile Attack
Section 1677—Iron Dome Short-Range Rocket Defense System, Israeli
Cooperative Missile Defense Program Codevelopment and Coproduction, and
Arrow 3 Testing
SUBTITLE G—OTHER MATTERS
Section 1681—Protection of Certain Facilities and Assets from Unmanned
Aircraft

Section 1682—Use of Commercial Items in Distributed Common Ground Systems

Section 1683—Independent Assessment of Costs Relating to Ammonium Perchlorate

Section 1684—Industrial Base for Large Solid Rocket Motors and Related Technologies

Section 1685—Pilot Program on Enhancing Information Sharing for Security of Supply Chain

Section 1686—Commission to Assess the Threat to the United States from Electromagnetic Pulse Attacks and Events

TITLE XVII—MATTERS RELATING TO SMALL BUSINESSES

LEGISLATIVE PROVISIONS

SUBTITLE A—IMPROVING TRANSPARENCY AND CLARITY FOR SMALL BUSINESSES

Section 1701—Improving Reporting on Small Business Goals

Section 1702—Uniformity in Procurement Terminology

Section 1703—Responsibilities of Commercial Market Representatives

Section 1704—Responsibilities of Business Opportunity Specialists

SUBTITLE B—WOMEN’S BUSINESS PROGRAMS

Section 1711—Office of Women’s Business Ownership

Section 1712—Women’s Business Center Program

Section 1713—Matching Requirements under Women’s Business Center Program

SUBTITLE C—SCORE PROGRAM

Section 1721—SCORE Reauthorization

Section 1722—SCORE Program

Section 1723—Online Component

Section 1724—Study and Report on the Future Role of the SCORE Program

Section 1725—Technical and Conforming Amendments

SUBTITLE D—SMALL BUSINESS DEVELOPMENT CENTERS IMPROVEMENTS

Section 1731—Use of Authorized Entrepreneurial Development Programs

Section 1732—Marketing of Services

Section 1733—Data Collection

Section 1734—Fees from Private Partnerships and Cosponsorships

Section 1735—Equity for Small Business Development Centers

Section 1736—Confidentiality Requirements

Section 1737—Limitations on Award of Grants to Small Business Development Centers

SUBTITLE E—MISCELLANEOUS PROVISIONS

Section 1741—Modification of Past Performance Pilot Program to Include Consideration of Past Performance with Allies of the United States

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

TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS

LEGISLATIVE PROVISIONS

SUBTITLE A—NATIONAL SECURITY PROGRAM AUTHORIZATIONS

Section 3101—National Nuclear Security Administration

Section 3102—Defense Environmental Cleanup

Section 3103—Other Defense Activities

Section 3104—Nuclear Energy

SUBTITLE B—PROGRAM AUTHORIZATIONS, RESTRICTIONS, AND LIMITATIONS

Section 3111—Nuclear Security Enterprise Infrastructure Recapitalization and Repair

Section 3113—Cost Estimates for Life Extension Program and Major Alteration Projects

Section 3116—Research and Development of Advanced Naval Reactor Fuel Based on Low-Enriched Uranium

Section 3118—National Nuclear Security Administration Pay and Performance System

Section 3119—Disposition of Weapons-Usable Plutonium

DIVISION D—FUNDING TABLES

Section 4001—Authorization of Amounts in Funding Tables

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 101—Authorization of Appropriations

This section would authorize appropriations for procurement at the levels identified in section 4101 of division D of this Act.

SUBTITLE B—NAVY PROGRAMS

Section 113—Limitation on Availability of Funds for Procurement of Icebreaker Vessels

This section would prohibit funds authorized to be appropriated by this Act or otherwise made available for the Department of Defense for fiscal year 2018 from being obligated or expended for the procurement of an icebreaker vessel.

SUBTITLE C—AIR FORCE PROGRAMS

Section 121—Streamlining Acquisition of Intercontinental Ballistic Missile Security Capability

This section would list findings regarding the acquisition of an aircraft to provide intercontinental ballistic missile security as a replacement for the UH-1N helicopter, express the sense of Congress that the Secretary of Defense should have the authority to expedite procurement of a replacement aircraft for the UH-1N helicopter, and authorize the Secretary of Defense to waive any provision of law requiring the use of competitive procedures for the procurement of a UH-1N helicopter replacement and enter into a contract for the procurement on a sole-source basis. The Secretary's authority in this section would be subject to a 15-day wait period, a notice of the Secretary's intent to exercise such authority, and the Secretary's certification of certain events and determinations.

Section 122—Limitation on Selection of Single Contractor for C-130H Avionics Modernization Program Increment 2

This section would prohibit the Department of the Air Force from selecting a single contractor for the C-130H avionics modernization program increment 2 until the Secretary of the Air Force certifies to the congressional defense committees that every opportunity will be taken to make use of commercial-off-the-shelf technology solutions and nondevelopmental items and that excessively restrictive military specification standards were not used as criteria to restrict or eliminate fair and open competition.

SUBTITLE D—DEFENSE-WIDE, JOINT, AND MULTISERVICE MATTERS

Section 132—Limitation on Demilitarization of Certain Cluster Munitions

The section would prohibit the elimination of cluster munition stockpiles considered to be non-compliant after January 1, 2019, according to the Memorandum of the Secretary of Defense dated June 19, 2008, regarding the Department of Defense policy on cluster munitions and unintended harm to civilians. The prohibition remains in effect until the Secretary of Defense certifies that the Department retains sufficient inventory levels of operationally suitable cluster munitions that comply with the Department's current policy, and meets at least 75 percent of the U.S. combatant commands operational requirements across the full range of military operational environments.

This section would allow the demilitarization of cluster munitions determined to be unserviceable due to a significant failure to meet performance or logistics requirements. Cluster munitions categorized as unserviceable solely due to current or amended Department of Defense policy related to cluster munitions

would not meet this definition of unserviceable, and would be subject to the limitation in this provision.

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 201—Authorization of Appropriations

This section would authorize appropriations for research, development, test, and evaluation at the levels identified in section 4201 of division D of this Act.

SUBTITLE B—PROGRAM REQUIREMENTS, RESTRICTIONS, AND LIMITATIONS

Section 211—Cost Controls for Presidential Aircraft Recapitalization Program

This section would fix the requirements for Presidential Aircraft Replacement (PAR) Program aircraft to those identified by the systems requirements document (SRD) for the Presidential aircraft recapitalization program version 7.0 dated December 14, 2016. This section would also limit changes to PAR requirements to only those approved by the Secretary of the Air Force following a written determination provided to the congressional defense committees that the change is necessary. This section would require that not less than 50 percent of the total amount of funds obligated or expended for contracts for engineering and manufacturing development (EMD) under the PAR Program shall be for fixed price type contracts. This section would authorize contracts other than fixed price type contracts for EMD only if such contract type is approved by the service acquisition executive. This section would also require the Secretary of the Air Force to provide quarterly briefings to the House Committee on Armed Services beginning no later than October 1, 2017 and continuing through October 1, 2022 on the efforts to control costs. The quarterly updates shall include the following:

- (1) schedule overview;
- (2) contract type and status;
- (3) development status;
- (4) modification status;
- (5) test status;
- (6) delivery status; and
- (7) sustainment status.

Section 217—Limitation on Availability of Funds for MQ-25 Unmanned Air System

This section would allow only 75 percent of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2018 for the

MQ-25 unmanned air system to be obligated or expended until a period of 60 days has passed after the date on which the Secretary of the Navy certifies that the MQ-25 meets a validated capability gap; the Chief of Naval Operations has reviewed and approved the initial capabilities document (ICD) and the capability development document (CDD); and the ICD and CDD have been submitted to the congressional defense committees.

This section would also require the Assistant Secretary of the Navy for Research, Development, and Acquisition to submit a report to the congressional defense committees that includes key performance parameters, certification of performance parameters' achievement, as well as a description of requirements with respect to fuel transfer, equipment for intelligence, surveillance, and reconnaissance, electronic attack and electronic protection, communications equipment, weapons payload, range, mission endurance for unrefueled and aerial refueled operations, affordability, survivability, and interoperability.

Section 218—Limitation on Availability of Funds for Contract Writing Systems

This section would limit the amount of authorized funds available to be obligated or expended to not more than 75 percent for specified contract writing systems until the Secretary of Defense, in coordination with the Secretaries of the military departments, provides an assessment of the common requirements and potential use of shared information technology (IT) services as a means to provide that capability in a common, interoperable, and more cost effective manner.

The committee remains concerned that the Department of Defense continues to invest billions of dollars in systems that fail to provide integrated business solutions, timely and reliable information, and other important financial and business information for the daily operations of the military. In fiscal year 2015, the Defense Business Council approved certification requests totaling \$6.9 billion for 1,182 business systems. Of these, more than 30 are service or component unique contracting, procurement, and solicitation management systems. While this ongoing redundancy diverts available funding from direct warfighting capability and decreases the Department's ability to manage its operations as an enterprise, the Department has made little progress in consolidating such business systems.

Furthermore, the committee notes that the Government Accountability Office has repeatedly reported that the Department could achieve greater efficiency in defense business operations, including directing 49 related recommendations to the Department in 2011, 38 of which remain open and unresolved. The committee believes that more focus on implementing shared IT services may be helpful in overcoming the longstanding cultural barriers that continue to prevent more enterprise-wide management of defense business systems. It would also support the goal of the Secretary of Defense, as stated in his memorandum dated January 31, 2017, to achieve "horizontal integration across DOD components to improve efficiency and take advantage of economies of scale." As an example of where such efficiencies could be taken, the committee notes with skepticism the existence of

multiple service and agency unique contract writing systems. The committee recommends the inclusion of this section to better understand the risks associated with eliminating or consolidating such systems and will rely on the information provided in assessing future support for such systems.

TITLE III—OPERATION AND MAINTENANCE

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 301—Authorization of Appropriations

This section would authorize appropriations for operation and maintenance activities at the levels identified in section 4301 of division D of this Act.

SUBTITLE B—ENERGY AND ENVIRONMENT

Section 311—Codification of and Improvements to Department of Defense Clearinghouse to Coordinate Department Review of Applications for Certain Projects That May Have Adverse Impact on Military Operations and Readiness

This section would amend chapter 7 of title 10, United States Code, by inserting a new section that would update the authorities of the Department of Defense Clearinghouse established by section 358 of the Ike Skelton National Defense Authorization Act for Fiscal Year 2011 (Public Law 111-383).

This section would also change the name of the Clearinghouse to the "Military Aviation, Range, and Installation Assurance Program Office" would repeal section 358 of Public Law 111-383 upon enactment.

SUBTITLE C—REPORTS

Section 322—Annual Report on Personnel, Training, and Equipment Needs of Non-Federalized National Guard

This section would amend section 10504 of title 10, United States Code, to require an annual report on the personnel, training, and equipment needs of the non-federalized National Guard.

SUBTITLE D—OTHER MATTERS

Section 332—Security Clearance Investigations

This section would provide authority to the Secretary of Defense to conduct security, suitability, and credentialing background investigations. In those

instances in which this authority is delegated, the Secretary shall propose the extent and scope of investigations to be conducted to reduce the security clearance backlog, which shall be approved by the Director of the National Background Investigations Bureau. In addition, this section would allow the Secretary to implement enhanced requirements for continuous evaluation, tailor investigative requirements to support risk management, and fully establish continuous vetting capability at the lowest levels of physical and logical access.

TITLE IV—MILITARY PERSONNEL AUTHORIZATIONS

LEGISLATIVE PROVISIONS

SUBTITLE C—AUTHORIZATION OF APPROPRIATIONS

Section 421—Military Personnel

This section would authorize appropriations for military personnel at the levels identified in the funding table in section 4401 of division D of this Act.

TITLE V—MILITARY PERSONNEL POLICY

LEGISLATIVE PROVISIONS

SUBTITLE A—REGULAR AND RESERVE COMPONENT MANAGEMENT

Section 503—Equal Treatment of Orders to Serve on Active Duty under Section 12304a and 12304b of Title 10, United States Code

This section would amend sections 1074(d)(2) and 1145(a) of title 10, United States Code, to authorize Reserve Component members activated under the authority provided by either section 12304a or 12304b of title 10, United States Code, to receive pre-mobilization and transitional TRICARE health care.

TITLE VI—COMPENSATION AND OTHER PERSONNEL BENEFITS

LEGISLATIVE PROVISIONS

SUBTITLE A—PAY AND ALLOWANCES

Section 601—Annual Adjustment of Basic Monthly Pay

This section would direct that the rates of basic pay under section 203(a) of title 37, United States Code, be increased in accordance with section 1009 of title

37, United States Code, notwithstanding a determination made by the President under subsection (e) of section 1009.

Section 602—Limitation on Basic Allowance for Housing Modification Authority for Members of the Uniformed Services Residing in Military Housing Privatization Initiative Housing

This section would amend section 403(b) of title 37, United States Code, to temporarily prohibit the Secretary of Defense from further reducing the basic allowance for housing (BAH) below the current level for service members residing in Military Housing Privatization Initiative (MHPI) housing until 2019. The committee remains concerned about the reduction in BAH and its effect on the recapitalization of these housing units. The committee believes that military families must be provided with on-base housing that is safe and periodically modernized. Therefore, this section would also require the Comptroller General of the United States to submit a report to the Committees on Armed Services of the Senate and the House of Representatives not later than March 1, 2018, on the Department of Defense’s management of MHPI, and plans and alternatives considered for ensuring the continued viability of MHPI projects for the life of the housing project.

SUBTITLE C—DISABILITY PAY, RETIRED PAY, AND SURVIVOR BENEFITS

Section 621—Findings and Sense of Congress regarding the Special Survivor Indemnity Allowance

This section would express the sense of Congress that the Special Survivor Indemnity Allowance was created as a stop gap measure to assist widowed spouses by reducing the Survivor Benefit Plan/Dependency Indemnity Compensation offset required by law. This section would also state that the dollar-for-dollar reduction in payment to surviving spouses should be fully repealed at the first opportunity.

TITLE VIII—ACQUISITION POLICY, ACQUISITION MANAGEMENT, AND RELATED MATTERS

LEGISLATIVE PROVISIONS

SUBTITLE A—DEFENSE ACQUISITION STREAMLINING AND TRANSPARENCY

PART I—ACQUISITION SYSTEM STREAMLINING

Section 801—Procurement through Online Marketplaces

This section would require the General Services Administration (GSA) to contract with multiple commercial online marketplaces for the procurement of certain commercial-off-the-shelf (COTS) products. Marketplaces would be limited to those that are commonly used in the private sector; provide a dynamic selection of products and prices from numerous suppliers; provide procurement oversight controls, such as two-person approval for purchases; and can screen suppliers and products to ensure compliance with suspension and debarment, domestic sourcing, and other similar statutes. Online marketplaces primarily provide streamlined and automated access to various suppliers; suppliers therefore would be considered prime vendors for purposes of the Small Business Act. This section would require the Comptroller General to provide a report to the relevant congressional committees on small business participation in the marketplaces not later than 3 years after a contract with an online marketplace provider is awarded.

The committee expects that by contracting with numerous marketplaces, there will be competition between marketplaces for procurement of COTS products, and government personnel will have streamlined access to suppliers, products, and prices from varying marketplaces. The section therefore would not require GSA to use competitive procedures to contract with each marketplace. This section would require marketplaces to provide electronic access to information about products that are purchased, including the date of each purchase, the price paid, the person or entity within the department or agency that made the purchase, the delivery address, and the number of sellers that offered the same or similar product at the same time. The committee believes that such information would provide much better transparency into the Federal Government's purchasing and thereby enable more thorough oversight and accountability. This section would require each contract with a marketplace to prohibit the sale or other use of such purchase information to a third party in a manner that identifies the Federal Government, or any of its departments or agencies, as the purchaser.

The committee believes that online marketplaces provide a substantial opportunity to greatly streamline procurement of COTS products. Namely, marketplaces generally ensure competition and price reasonableness, and therefore would obviate many of the time-consuming government-unique procurement processes GSA and the Department of Defense perform today. Additionally, departments and agencies would be required to accept the standard terms and conditions related to purchases on each marketplace. The committee understands, however, that it may be prudent to procure some commercial products through traditional acquisition processes. Therefore, this section would require the Department of Defense to purchase COTS products from the marketplaces only in appropriate circumstances. The committee expects the Secretary of Defense to issue implementation guidance that may limit the products that the Department of Defense may purchase on marketplaces. The committee expects, however, that opportunities to purchase additional products through marketplaces may arise as GSA gains familiarity with the use of online marketplaces. Elsewhere in this report, the committee includes an item directing the Administrator of GSA to

provide a briefing to the House Committee on Armed Services and the House Committee on Oversight and Government Reform on the results of online marketplace purchasing.

Section 802—Performance of Incurred Cost Audits

This section would require the Secretary of Defense to adhere to commercial standards for risk and materiality when auditing costs incurred under flexibly priced contracts. The committee is concerned that current incurred cost auditing processes in the Department of Defense are too slow, impede effective contract management, and may not provide good value to the taxpayer. The committee also understands that commercial auditors used by other Federal agencies may cost less and complete incurred cost audits sooner.

The section would authorize contract management personnel in the Department to choose either the Defense Contract Audit Agency (DCAA) or a qualified private auditor (QPA) to audit incurred costs, subject to guidelines of an audit planning committee. The section would require the Department to enter into an indefinite delivery-indefinite quantity task order contract with QPAs, and that QPAs audit at least 25 percent of incurred costs on flexibly priced contracts after September 1, 2020. The section would prohibit DCAA from further auditing audits performed by QPAs and would require the Secretary to treat DCAA and QPA audits equally. The section also would require DCAA to pass a peer review by a commercial auditor, which is consistent with commercial practice, to continue to issue unqualified audit findings after September 1, 2022. The section would require the Secretary of Defense to provide a briefing to the Committee on Armed Services of the House of Representatives not later than September 1, 2019, on the progress on finding a commercial auditor to perform the peer review.

This section also would specify a materiality standard for incurred cost audits effective September 1, 2020, based on private sector norms, for both DCAA and QPAs. The Comptroller General of the United States would be required to provide a report to the congressional defense committees not later than March 1, 2019, describing private sector and government standards for risk and materiality and providing recommendations as necessary to adjust the materiality standards in this section. On September 1, 2019, and every 5 years thereafter, the Department would be required to review private sector materiality standards and propose changes to the materiality standards in this section, as necessary.

The section would require incurred cost audits to be completed within 1 year after receipt of qualified cost submissions, or the submissions would be accepted in their entirety, unless the Department could demonstrate that the contractor withheld information necessary to perform the audit. The committee intends for the Department to redefine its incurred cost backlog to include all audits that are not completed within 1 year of receipt of qualified incurred cost submissions. The committee further intends the Department to allocate DCAA and

QPA audit resources to the highest risk audits consistent with completing incurred cost audits within 1 year.

Toward that end, the section would direct the Comptroller General of the United States to provide a report to the congressional defense committees by April 1, 2025, that evaluates the relative timeliness, costs, and quality of incurred cost audits performed by DCAA and QPAs; relative contractor costs of incurred cost audits performed by DCAA and QPAs; any effects on other types of audits; and the capability and capacity of commercial auditors to perform incurred cost audits for the Department.

Section 803—Modifications to Cost or Pricing Data and Reporting Requirements

This section would amend section 2306a of title 10, United States Code, and section 3502 of title 41, United States Code, to raise contract dollar thresholds that require submission of certified cost and pricing data. The threshold for non-competitive prime contracts, modifications of such contracts, subcontracts, and modifications of subcontracts would increase from \$500,000 to \$2.5 million, while the threshold for modifications to legacy contracts would increase from \$100,000 to \$750,000. Raising certified cost and pricing data thresholds would reduce administrative burdens, improve process timelines for smaller contracts, and make thresholds approximately consistent with standard auditing thresholds. The section would further amend section 2306a of title 10, United States Code, to require offerors to submit other than certified cost or pricing data sufficient to determine price reasonableness when certified cost or pricing data is not required.

This section would also require the Comptroller General of the United States to submit a report to the congressional defense committees not later than March 1, 2022, on the implementation and effect of these modifications to cost or pricing data submission requirements.

This section also would amend section 2313a of title 10, United States Code, to revise reporting requirements of the Defense Contract Audit Agency (DCAA) to provide more clarity on the cost effectiveness of different types of audits. It would require DCAA to report separately for incurred cost, forward pricing, and other audits with regard to the number and dollar value of audits completed and pending, sustained questioned costs, the costs of performing audits, and the return on investment of conducting audits. This section also would change the inflation calculation for the thresholds for certified cost and pricing data, as well as covered contracts related to allowable costs, to be consistent with the inflation methodology in section 1908 of title 41, United States Code.

PART II—EARLY INVESTMENTS IN ACQUISITION PROGRAMS

Section 811—Requirement to Emphasize Reliability and Maintainability in Weapon System Design

This section would emphasize reliability and maintainability (R&M) in the system design of a major defense acquisition program (MDAP). First, the section would require the Secretary of Defense to include R&M as attributes of the existing key performance parameter on sustainment during the requirements development process. Second, when contracting for engineering and manufacturing development (EMD) or production of an MDAP, the program manager would be required to include clearly defined and measurable requirements for engineering activities and design specifications for R&M in the contract solicitation and contract terms unless he or she determines R&M should not be a contract requirement. Third, the section would require the Secretary to encourage the use of objective R&M criteria in the source selection process. Fourth, the section would authorize the use of incentive fees and would require the use of recovery options when practicable to encourage contractor performance in R&M for EMD and production contracts. The Department would be able to exercise incentive fees and recovery options until the date of acceptance of the last item under the contract. Finally, the section would establish a program through which program managers would compete for additional funding to invest in R&M during the EMD or production of an MDAP to reduce future operating and support (O&S) costs.

The committee notes that the design of a major weapon system directly affects its life-cycle sustainment activities and consequently drives its O&S costs. Elements of sustainment that are highly dependent on the system design, namely R&M, are easier and less costly to address during the development of an MDAP than after a weapon system is fielded. Therefore, the committee believes the Department should emphasize R&M in early engineering decisions.

Section 812—Licensing of Appropriate Intellectual Property to Support Major Weapon Systems

This section would require the Department of Defense to work with contractors to determine prices for technical data the Department plans to acquire or license before selecting a contractor for the engineering and manufacturing development phase or the production phase of a major weapon system. Obtaining prices for technical data while competition exists among contractors encourages the Department to plan early for the technical data it needs to maintain a weapon system and affords the Department more competitive prices than it might pay later during the sustainment phase. Additionally, this section would encourage program managers to negotiate with industry to obtain the custom set of technical data necessary to support each major defense acquisition program rather than, as a default approach, seeking greater rights to more extensive, detailed technical data than is necessary.

The committee believes that acquiring broad rights to most or all of the technical data in a weapon system can be cost-prohibitive and deter contractors from bidding on defense programs. Not acquiring enough technical data, however, can reduce subsequent competition and increase sustainment costs. Therefore, the

committee urges program managers when seeking technical data to consider the particular data that is required, the level of detail necessary, the purpose for which it will be used, with whom the government needs to share it, and for how long the government needs it. Program managers should also consider the unique characteristics of the weapon system and its components, the product support strategy for the weapon system, the organic industrial base strategy of the military department, and the commercial market.

Section 813—Management of Intellectual Property Matters within the Department of Defense

This section would create a small cadre of experts in intellectual property (IP) that would advise, assist, and provide resources to program offices as they develop their IP strategies and negotiate with industry. The section would also establish a centralized Office of Intellectual Property within the Department of Defense to standardize the Department’s approach toward obtaining technical data, promulgate policy on IP, oversee the cadre of IP experts, and serve as a single point of contact for industry on IP matters. Finally, this section would add IP positions to the acquisition workforce and would revise the training provided to the acquisition workforce on IP matters.

The committee has observed within the Department divergent philosophies toward acquiring technical data and varying knowledge of IP matters, including laws, regulations, and best practices. The committee is concerned that this inconsistency and lack of coordination disadvantages the Department. Additionally, because a provision elsewhere in this title would establish a preference for “specially negotiated licenses” to obtain the appropriate technical data customized to each weapon system, the committee believes the Department requires tools to improve its ability to negotiate with industry. A centralized Office of Intellectual Property and cadre of IP experts are warranted to address these issues. The committee intends that the office and cadre would provide advice and assistance to facilitate acquisitions. This section would not require the office or cadre to approve IP strategies, contracting actions, or other program office activities.

The committee also intends for the Office of Intellectual Property to maintain Department of Defense policy on Small Business Innovation Research (SBIR) data rights, particularly as it pertains to the transition from Phase I and II awards to Phase III awards, and to serve as a liaison between the Department of Defense and SBIR companies when IP issues arise related to SBIR.

Section 814—Improvement of Planning for Acquisition of Services

This section would require the Secretary of Defense to ensure that the appropriate information is available and that the right factors are considered to enable the most effective business decisions regarding the procurement of services. This section would require the Secretaries of the Department of Defense and of the military departments to analyze spending patterns and projected future

requirements for contracted services and use this analysis to inform future decisions on services acquisition. Additionally, the section would require the Secretary of Defense to submit to Congress with the annual budget clear and detailed information on the amounts requested for contracted services organized according to the common enterprise data structure required elsewhere in this Act.

This section also would require the Services Requirements Review Boards (SRRBs) that the Department of Defense established last year to focus primarily on evaluating the need for contracted services, rather than the contracting action. The SRRBs would be required to critically examine requirements in light of total force management, available resources, analysis of past spending, and contracting best practices.

Finally, this section would require the entities that need contracted services to plan appropriately, whenever possible, to receive validation of the requirement, secure the needed funding, and complete the contracting action before the service is needed. A requirements owner that does not adequately plan for contracted services and consequently relies on a bridge contract would be required to provide an update and explanation to a relevant senior official. Upon the second use of a bridge contract for the same service, the senior official would be required to notify senior leadership within the relevant military department, Defense Agency, Department of Defense Field Activity, or combatant command.

The committee believes that greater data and analytics would enable the Department of Defense to make more enterprise-oriented, strategic decisions about its acquisition of services. The committee also believes that if departmental organizations were encouraged to identify their known or enduring requirements earlier in the process, it would enable more thorough examination of the requirements, better and more timely alignment of resources, and opportunities to use contracting best practices. Additionally, improved planning processes would empower local installations and commands to better manage individual contracts and their associated funding. The committee notes that this legislation would improve headquarters analysis and management of the acquisition of services but would retain the decentralized nature of procuring services at local installations.

Section 815—Improvements to Test and Evaluation Processes and Tools

This section would amend sections 2366b and 2366c of title 10, United States Code, to require an assessment of the sufficiency of the developmental test plan and resources for each major defense acquisition program (MDAP) be included in the “acquisition scorecards” that were created in section 808 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). The committee believes that developmental testing is critical to reducing acquisition program risk by providing valuable information to support sound decision making. However, the committee is concerned that some MDAPs do not conduct enough developmental testing, so too many problems are first identified during operational testing, when they are expensive and time-consuming to fix. This section also

would require the Secretary of Defense to evaluate the Department of Defense's strategy for developing and expanding the use of tools that facilitate cost-effective developmental testing, including automated test methods and tools, modeling and simulation tools, and big data analytics technologies. The Secretary of Defense would be required to provide a briefing to the House Committee on Armed Services, not later than 1 year after the date of the enactment of this Act, on the Secretary's evaluation. The committee believes that emerging technologies and tools, such as Automated Test and Retest and modeling and simulation, can reduce program risk by facilitating rigorous system testing early in the life of a program.

PART III—ACQUISITION WORKFORCE IMPROVEMENTS

Section 821—Enhancements to the Civilian Program Management Workforce

This section would require the Secretary of Defense to implement a new career development program for highly qualified, competitively selected civilian employees to increase the pool of experienced civilian employees qualified to serve as program managers for major defense acquisition programs (MDAPs). The committee believes that a focus on career development and incentive structures for program managers would increase the number of personnel ready and willing to successfully manage MDAPs, thereby increasing the professionalization and tenure of personnel in these critical positions. The new career development program would include selection criteria for personnel in the program, necessary human capital flexibilities, and structured training and career paths. The Secretary would be required to provide a design for the program to the Committees on Armed Services of the Senate and the House of Representatives within 1 year after the date of the enactment of this Act. This section would also require an independent study of personnel policies and incentives needed to attract, retain, and hold accountable civilian and military program managers for the largest and most complex acquisition programs in the Department. The study would be required to be completed within 9 months after the date of the enactment of this Act, and the Secretary would be required to provide the study to the congressional defense committees within 30 days thereafter.

Section 822—Improvements to the Hiring and Training of the Acquisition Workforce

This section would amend section 1705 of title 10, United States Code, to authorize the use of the Defense Acquisition Workforce Development Fund to pay salaries of personnel to manage the Fund. The committee expects that this authorization would improve the Department of Defense's ability to effectively sustain its acquisition workforce.

The section also would require the Comptroller General of the United States to submit a report to the congressional defense committees by June 30, 2019, on the effectiveness of existing hiring flexibilities for the acquisition workforce, as

well as the need for acquisition training for personnel who work in acquisition programs but are not formally considered part of the acquisition workforce.

The section would require the Department to evaluate gaps in knowledge of industry operations, industry motivation, and business acumen in the acquisition workforce, and would require the Under Secretary of Defense for Acquisition and Sustainment to submit a report on this evaluation to the Committees on Armed Services of the Senate and the House of Representatives by December 31, 2018.

Lastly, the section would require the Director of the Defense Contract Audit Agency to provide a briefing to the Committees on Armed Services of the Senate and the House of Representatives, not later than 180 days after the date of the enactment of this Act, on strategies to enhance the professionalization of the Agency's workforce.

The committee believes that the hiring, training, and retention of highly qualified civilian personnel for the defense acquisition workforce is vital to maintaining military readiness, increasing the Department's buying power, and achieving substantial long-term savings through systems engineering and contracting. Therefore, the committee urges that planning for any workforce reduction that would affect the civilian acquisition workforce takes into consideration potential long-term effects of those reductions on cost, technical baseline, and warfighting capability.

Section 823—Extension and Modifications to Acquisition Demonstration Project

This section would amend section 1762 of title 10, United States Code, to extend, through December 2023, the Acquisition Demonstration (AcqDemo) personnel demonstration project that was established in section 4308 of the National Defense Authorization Act for Fiscal Year 1996 (Public Law 104-106). AcqDemo allows the Department of Defense flexibility in setting compensation for recruiting and retaining high-performing acquisition personnel. The section also would require the Secretary of Defense to develop an implementation strategy to address potential AcqDemo improvements that were identified in a recent RAND assessment, and to provide a briefing to the Committees on Armed Services of the Senate and the House of Representatives and the Committee on Oversight and Government Reform of the House of Representatives on the implementation strategy within 1 year after the date of the enactment of this Act.

Section 824—Acquisition Positions in the Offices of the Secretaries of the Military Departments

This section would help to retain qualified acquisition personnel within the Department of Defense by amending sections 3014, 5014, and 8014 of title 10, United States Code, to authorize the Secretaries of the military departments to exceed statutory personnel caps for civilian employees when hiring acquisition oversight personnel from the Office of the Under Secretary of Defense for Acquisition, Technology, and Logistics or requirements personnel from the Joint

Staff that supported the Joint Requirements Oversight Council. For the caps to be exceeded, a determination would be required that a position was no longer needed due to restructuring required by the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) and that the position would not be refilled by the Office of the Secretary of Defense or the Joint Staff.

PART IV—TRANSPARENCY IMPROVEMENTS

Section 831—Transparency of Defense Business System Data

This section would amend section 2222 of title 10, United States Code, to require that all data within Department of Defense business systems be considered owned by the Department and be readily available to the Office of the Secretary of Defense, the Joint Staff, and the military departments. To facilitate the management and analysis of data from across the military departments and defense agencies, the section would require the creation and maintenance of common enterprise data structures (CEDs) into which business system data could be mapped to populate common data sets. The section would assign responsibility to the Deputy Chief Management Officer for creation of CEDs and would amend section 139a of title 10, United States Code, to require that the Director of Cost Assessment and Program Evaluation maintain the CEDs and establish and maintain access to all related data. The section would also require the Deputy Chief Management Officer, with the concurrence of the Director, Cost Assessment and Program Evaluation, to develop a plan to implement the data transparency requirements in this section and to submit the plan to the congressional defense committees not later than 6 months after the date of the enactment of this Act.

The committee is concerned that the Department lags well behind the private sector in effectively incorporating enterprise-wide data analyses into decision making and oversight. The committee therefore believes that a statutory requirement that the Office of the Secretary of Defense, the Joint Staff, and the military departments be given access to business system data is necessary to overcome institutional and cultural barriers to information sharing. The committee further believes that to bring about this significant culture change, it is necessary to assign responsibility at the highest levels of the Department for creating and maintaining CEDs.

The committee recommends \$25.0 million in funding for the implementation of the data transparency requirements in this section.

Section 832—Major Defense Acquisition Programs: Display of Budget Information

This section would require greater transparency in the budget requests for major defense acquisition programs (MDAPs). Budget justification documents for MDAPs would be required to separately depict funding for developmental and operational testing and evaluation, the purchase of cost data from contractors, and the purchase or license of technical data. The committee believes that testing and

evaluation, cost data, and intellectual property are necessary investments made early in a program. However, the committee is concerned that associated funding is often decremented when cost, schedule, or performance risks materialize. Improving transparency of funding for these items would improve the ability of the committee to conduct oversight.

Section 833—Enhancements to Transparency in Test and Evaluation Processes and Data

This section would require several improvements to the transparency of test and evaluation (T&E) processes and data. It would amend section 139 of title 10, United States Code, to require the Director of Operational Test and Evaluation (OT&E) to document specific circumstances that require the addition of smaller programs to the OT&E oversight list and to summarize those circumstances in the annual OT&E report. The section also would amend section 2399 of title 10, United States Code, to require the Director of OT&E to provide data in test reports on how the capabilities of new systems being tested compare to those of legacy systems.

The committee recognizes the value of an independent operational testing office in identifying potential vulnerabilities of weapon systems before such systems are purchased in significant quantity or deployed operationally. The committee believes that this information is critical to facilitate risk-based fielding decisions by senior Department of Defense leadership. However, the committee is concerned that, in recent years, operational test reports have provided evaluations of effectiveness and suitability but have not provided sufficient information to Congress on the performance improvements a system may provide when compared to legacy systems. The committee believes that more information on such comparisons, where appropriate and available, would provide useful context for evaluating a system's overall performance in operational testing.

This section also would amend section 139 of title 10, United States Code, to enhance the opportunity of the military departments to comment on the annual OT&E report to ensure that OT&E information is complete, accurate, and timely. The section also would require improved transparency of T&E cost data to enable oversight entities to better evaluate the adequacy of a program's T&E plans and resources. It would require the Department of Defense to develop an enterprise approach to T&E knowledge management to leverage T&E data across programs. The Director of the Test Resource Management Center and the senior Department official responsible for developmental testing would be required to submit a report to the congressional defense committees, within 1 year after the date of the enactment of this Act, on the Department's enterprise approach.

SUBTITLE B—STREAMLINING OF DEFENSE ACQUISITION STATUTES AND REGULATIONS

Section 841—Modifications to the Advisory Panel on Streamlining and Codifying Acquisition Regulations

This section would amend section 809 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) to require the Advisory Panel on Streamlining and Codifying Acquisition Regulations to transmit its final report on January 15, 2019, rather than 2 years after the panel was established. It also would require the panel to transmit its final report simultaneously to the Secretary of Defense and the congressional defense committees. The section would extend the period of time for the Secretary to submit comments on the final report from 30 to 60 days, and would establish a termination date for the panel 180 days after transmittal of the final report.

Section 842—Extension of Maximum Duration of Fuel Storage Contracts

This section would extend from 20 to 30 years the maximum total period of Department of Defense contracts for storage, handling, or distribution of liquid fuels and natural gas. This provision was recommended by the Section 809 Panel on Streamlining and Codifying Acquisition Regulations, which was established in the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), as an example of updating acquisition regulations to be consistent with modern technology and business practices.

Section 843—Exception for Business Operations from Requirement to Accept \$1 Coins

This section would exempt government contractors from the requirement of section 5112(p) of title 31, United States Code, that business operations performed on Federal Government premises provide for accepting and dispensing of existing and proposed dollar coins. This provision was recommended by the Section 809 Panel on Streamlining and Codifying Acquisition Regulations, which was established in the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), as an example of an unnecessary contract clause.

Section 844—Repeal of Expired Pilot Program

This section would repeal an expired pilot program in section 2401a of title 10, United States Code, related to leasing utility cargo vehicles.

SUBTITLE C—AMENDMENTS TO GENERAL CONTRACTING AUTHORITIES, PROCEDURES, AND LIMITATIONS

Section 851—Limitation on Unilateral Definitization

This section would amend section 2326 of title 10, United States Code, to require the approval of the agency head before a Department of Defense contracting officer can unilaterally definitize the specifications, terms, or price of undefinitized contractual actions (UCAs) valued greater than \$1.0 billion. Currently,

departmental regulations allow contracting officers to unilaterally determine reasonable prices and applicable clauses governing definitized contracts, with approval from the head of contracting activity. The committee believes that this level of scrutiny is sufficient for low dollar value UCAs. However, for high dollar value UCAs, particularly those involving the development or production of major defense acquisition programs, the committee believes that greater oversight is warranted. This section would also require that the unilateral definitization not take effect until 30 calendar days after the approval by the agency head. The committee believes that a 30-day waiting period would result in the contractor and the government having additional time and incentive to reach agreement on the contract and avoid the negative consequences of unilateral definitization.

Section 852—Codification of Requirements Pertaining to Assessment, Management, and Control of Operating and Support Costs for Major Weapon Systems

This section would codify section 832 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112–81; 10 U.S.C. 2430 note) on assessing and controlling operating and support costs for major weapons systems.

Section 853—Use of Program Income by Eligible Entities That Carry Out Procurement Technical Assistance Programs

This section would amend section 2414 of title 10, United States Code, to give Procurement Technical Assistance Centers limited authority to carry over program income into the next fiscal year to further program objectives.

Section 854—Amendment to Sustainment Reviews

This section would amend section 2441 of title 10, United States Code, pertaining to sustainment reviews of major weapon systems. It would require the Secretaries of the military departments to make the results of sustainment reviews and supporting documentation available to the Under Secretary of Defense for Acquisition and Sustainment. The committee believes that data collected as part of sustainment reviews should be a Department of Defense-wide asset that is available for analysis and used to inform the Department's policies on sustainment of major weapon systems.

Section 856—Amendment to Nontraditional and Small Contractor Innovation Prototyping Program

This section would amend section 844(d) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) pertaining to the nontraditional and small contractor innovation prototyping program. It would add

unmanned ground logistics and unmanned air logistics to the list of capabilities to be included in the program.

Section 857—Modification to Annual Meeting Requirement of Configuration Steering Boards

This section would amend section 814 of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110–417) to remove the requirement for a configuration steering board to meet annually to review an acquisition program if the senior acquisition executive determines in writing that there were no changes to the requirements of the acquisition program during the preceding year.

Section 858—Change to Definition of Subcontract in Certain Circumstances

This section would amend section 1906(c)(1) of title 41, United States Code, to make the definition of subcontract in that section consistent with the definition in section 2375 of title 10, United States Code.

Section 859—Amendment Relating to Applicability of Inflation Adjustments

This section would modify section 1908(d) of title 41, United States Code, to ensure 5-year inflation adjustments apply consistently to all subcontractors. Currently, inflation adjustments impact only prime contractors, so that subcontractors must maintain a compliance requirement for some contracts but not others. The committee believes that standardization will reduce regulatory and compliance challenges for both prime and subcontractors.

SUBTITLE D—OTHER MATTERS

Section 863—Procurement of Aviation Critical Safety Items

This section would amend section 814 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to include the procurement of aviation critical safety items.

The committee is concerned the military services may be interpreting the definition of personal protective equipment too narrowly and are not considering aviation critical safety items, such as military parachutes. This change ensures that to the maximum extent practicable, the source selection criteria used in the procurement of aviation critical safety items, such as parachutes, would be best-value based, rather than reverse auction or lowest price technically acceptable contracting methods.

Section 864—Milestones and Timelines for Contracts for Foreign Military Sales

This section would require the Secretary of Defense to develop standard timeline milestones for the foreign military sales (FMS) process, including related contracting activities. Timeline milestones would vary by the complexity of the FMS case. The Secretary would report quarterly to the congressional defense committees, the Committee on Foreign Affairs of the House of Representatives, and the Committee on Foreign Relations of the Senate any FMS cases that require congressional notification pursuant to section 36 of the Arms Export Control Act that do not meet timeline milestones. The Secretary would also report annually to the congressional defense committees, the Committee on Foreign Affairs of the House of Representatives, and the Committee on Foreign Relations of the Senate the number of FMS cases that did meet timeline milestones during the preceding fiscal year, and the number of FMS cases that failed to meet the timeline milestones, categorized by milestone and reason for the delay.

Section 865—Notification Requirement for Certain Contracts for Audit Services

This section would require the Secretary of Defense to notify the congressional defense committees when there is a protest of a contract for auditing services that contribute to the Department of Defense achieving auditable financial statements and the Department decides not to use existing authorities to continue performance of the contract while the protest is pending. The committee remains committed to the Department achieving auditable financial statements, and is concerned that a delay in any one annual auditing contract impairs the ability of the entire Department to achieve consolidated audited financial statements.

Section 866—Training in Acquisition of Commercial Items

This section would require the President of the Defense Acquisition University to establish a training program on part 12 of the Federal Acquisition Regulation pertaining to the procurement of commercial items.

TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND MANAGEMENT

LEGISLATIVE PROVISIONS

SUBTITLE A—ORGANIZATION AND MANAGEMENT OF THE DEPARTMENT OF DEFENSE GENERALLY

Section 902—Repeal of Office of Corrosion Policy and Oversight

This section would repeal section 2228 of title 10, United States Code, requiring that there be an Office of Corrosion Policy and Oversight within the Office of the Under Secretary of Defense for Acquisition, Technology, and Logistics.

SUBTITLE B—OTHER MATTERS

Section 921—Transition of the Office of the Secretary of Defense to Reflect Establishment of Positions of Under Secretary of Defense for Research and Engineering, Under Secretary of Defense for Acquisition and Sustainment, and Chief Management Officer

This section would allow the incumbent Principal Deputy Under Secretary of Defense for Acquisition, Technology, and Logistics to become the Under Secretary of Defense for Acquisition and Sustainment, and would allow the incumbent Deputy Chief Management Officer to continue to serve as the Chief Management Officer, once both positions come into effect on February 1, 2018, consistent with section 901 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328.) Additionally, this section would clarify that any statutory references to the positions established in the aforementioned section 901 also take effect on February 1, 2018.

In the conference report (H. Rept. 114-840) accompanying the National Defense Authorization Act for Fiscal Year 2017, the conferees encouraged the President to move expeditiously on nominations for the Under Secretary of Defense for Research and Engineering, the Under Secretary of Defense for Acquisition and Sustainment, and the Chief Management Officer. However, the committee recognizes the difficulty of recruiting talented, experienced individuals to the incumbent leadership positions if the tenure of such positions is short and the individuals are not retained for the newly established positions. Therefore, the committee recommends that the individuals appointed by and with the advice and consent of the Senate to the relevant incumbent positions be allowed to transition to the newly established positions.

Section 922—Extension of Deadlines for Reporting and Briefing Requirements for Commission on the National Defense Strategy for the United States

This section would amend section 942 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), which establishes a Commission on the National Defense Strategy for the United States, to extend the deadlines for the final report and interim briefing.

The committee recognizes that the commissioners had not yet been appointed to the commission as of May 2017. To allow the commission sufficient time to conduct the review and assessment as required, the committee recommends revising the deadlines for the final report and interim briefing.

TITLE X—GENERAL PROVISIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—FINANCIAL MATTERS

Section 1001—General Transfer Authority

This section would allow the Secretary of Defense, with certain limitations, to make transfers between amounts authorized for fiscal year 2018 in division A of this Act. This section would limit the total amount transferred under this authority to \$5.00 billion. This section would also require prompt notification to Congress of each transfer made.

Section 1002—Preparation of Consolidated Corrective Action Plan and Implementation of Centralized Reporting System

This section would direct the Under Secretary of Defense (Comptroller) to execute two recommendations identified in the Government Accountability Office (GAO) report, "DOD Financial Management: Significant Efforts Still Needed for Remediating Audit Readiness Deficiencies" (GAO-17-85).

SUBTITLE B—NAVAL VESSELS AND SHIPYARDS

Section 1011—National Defense Sealift Fund

This section would amend section 2218 of title 10, United States Code, and strike the use of the fund for research and development related to national defense sealift. Additionally, this section would authorize the Secretary of Defense to purchase up to five used vessels, regardless of where constructed, for the Ready Reserve Force component on a one-for-one basis with new vessels authorized by the National Defense Sealift Fund.

SUBTITLE C—COUNTERTERRORISM

Section 1022—Prohibition on Use of Funds for Transfer or Release of Individuals Detained at United States Naval Station, Guantanamo Bay, Cuba to the United States

This section would prohibit the use of any amounts authorized to be appropriated or otherwise made available for the Department of Defense to be used during the period beginning on the date of the enactment of this Act and ending on December 31, 2018, to transfer or release detainees at U.S. Naval Station, Guantanamo Bay, Cuba, to or within the United States, its territories, or possessions.

Section 1023—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

This section would prohibit the use of any amounts authorized to be appropriated or otherwise made available for the Department of Defense to be used during the period beginning on the date of the enactment of this Act and ending on December 31, 2018, to construct or modify any facility in the United States, its territories, or possessions to house any detainee transferred from United States Naval Station, Guantanamo Bay, Cuba, for the purposes of detention or imprisonment in the custody or under the effective control of the Department of Defense.

Section 1024—Prohibition on Use of Funds for Transfer or Release of Individuals Detained at United States Naval Station, Guantanamo Bay, Cuba, to Certain Countries

This section would prohibit the use of any amounts authorized to be appropriated or otherwise made available for the Department of Defense to be used during the period beginning on the date of the enactment of this Act and ending on December 31, 2018, to transfer, release, or assist in the transfer or release of any individual detained at U.S. Naval Station, Guantanamo Bay, Cuba, to Libya, the Federal Republic of Somalia, the Syrian Arab Republic, or the Republic of Yemen.

SUBTITLE D—MISCELLANEOUS AUTHORITIES AND LIMITATIONS

Section 1032—Modifications to Humanitarian Demining Assistance Authorities

This section would modify section 407, of title 10, United States Code, to remove "stockpiled conventional munitions" from the limitations of training opportunities with partner nations. This section would also modify the definitions of "humanitarian demining assistance" and "stockpiled conventional munitions assistance."

Section 1034—Limitation on Divestment of U-2 or RQ-4 Aircraft

This section would repeal section 133 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112-81), regarding limitation on retirement of U-2 aircraft, and would prohibit the Department of Defense from retiring either U-2 or RQ-4 aircraft until at least fiscal year 2024.

SUBTITLE E—STUDIES AND REPORTS

Section 1041—Elimination of Reporting Requirements Terminated after November 25, 2017, Pursuant to Section 1080 of the National Defense Authorization Act for Fiscal Year 2016

This section makes technical and conforming edits to reflect the termination of certain Department of Defense reporting requirements pursuant to section 1080 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), as amended by section 1061 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

Section 1042—Report on Department of Defense Arctic Capability and Resource Gaps

This section would require the Secretary of Defense to provide a report, not later than 90 days after the date of the enactment of this Act, to the congressional defense committees detailing the Department of Defense's efforts to resolve arctic security capability and resource gaps.

SUBTITLE F—OTHER MATTERS

Section 1051—Technical, Conforming, and Clerical Amendments

This section would make a number of technical and clerical amendments of a non-substantive nature to existing law.

Section 1052—Workforce Issues for Relocation of Marines to Guam

This section would amend section 1806 of title 48, United States Code, to permit the Director, U.S. Citizenship and Immigration Services, to approve H-2B visa applications and renewals through October 1, 2020, for contractors performing work on the Territory of Guam for the construction program supporting the realignment of U.S. Marines to Guam.

Section 1053—National Guard Accessibility to Department of Defense Issued Unmanned Aircraft

This section would require the Secretary of Defense, in coordination with the Chief of the National Guard Bureau, the Commander, U.S. Northern Command, and the Commander, U.S. Pacific Command, to complete an efficiency and effectiveness review of the governance structure, coordination processes, documentation, and timing requirements stipulated in Department of Defense policy memorandum 15-002, titled "Guidance for the Domestic Use of Unmanned Aircraft Systems (UAS)." This section would require the review to be completed not later than 1 year after the date of the enactment of this Act and the Secretary of Defense to submit the review to the Committees on Armed Services of the Senate

and the House of Representatives not later than 30 days after its completion. This section also would require the aforementioned officials to consider information and data points from State governors and State adjutant generals related to their assessment of the efficiency and effectiveness of accessing Department of Defense UASes for State and National Guard operations.

Section 1054—Sense of Congress Regarding Aircraft Carriers

This section would express the sense of Congress that U.S. aircraft carriers are the preeminent power projection platform and have served the Nation’s interests in times of war and in times of peace, adapting to the immediate and ever-changing nature of the world for over 90 years.

Section 1055—Notice to Congress of Terms of Department of Defense Settlement Agreements

This section would require that, upon the request of the chairman of a specified committee, the Secretary of Defense shall make available to that chairman a settlement agreement in a civil action involving the Department of Defense, a military department, or a Defense Agency, if, in the opinion of the Secretary, in consultation with the Attorney General, the terms of such settlement agreement could affect the congressional authorization or appropriations process with respect to the Department of Defense.

TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—ASSISTANCE AND TRAINING

Section 1201—One-Year Extension of Logistical Support for Coalition Forces Supporting Certain United States Military Operations

This section would amend section 1234 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110-181), as most recently amended by section 1201 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), by authorizing the Secretary of Defense to provide supplies, services, transportation, and other logistical support to coalition forces supporting U.S. operations in the Republic of Iraq and the Islamic Republic of Afghanistan during fiscal year 2018.

Section 1202—Modification to Special Defense Acquisition Fund

This section would amend section 114(c) of title 10, United States Code, to clarify the use of funds for the procurement of precision guided munitions with the Special Defense Acquisition Fund (SDAF).

Section 1202 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) increased the size of the SDAF from \$1.07 billion to \$2.50 billion. Section 1202(b)(2) further required that \$500.0 million of the SDAF may only be used to procure and stock precision guided munitions that may be required by partner and allied forces to enhance the effectiveness of their contribution to overseas contingency operations conducted or supported by the United States. The intent of section 1202(b)(2) was to ensure that once SDAF funds were used to purchase \$2.00 billion of defense articles or services in a fiscal year, the remaining \$500.0 million was to be used only for the purchase of precision guided munitions. Prior to reaching the threshold of \$2.00 billion of purchases in any fiscal year, SDAF funds may be used to purchase precision guided munitions, but are not required to be used to purchase precision guided munitions.

Section 1203—Modification to Ministry of Defense Advisor Authority

This section would modify section 332 of title 10, United States Code, to authorize the Secretary of Defense to assign military personnel as advisors or trainers under the Ministry of Defense Advisor program to ensure that advisors or trainers with the appropriate expertise and skills are assigned to improve the institutional capacity of partner nations.

Section 1204—Modification of Authority to Build Capacity of Foreign Security Forces

This section would amend section 333(c) of title 10, United States Code, to modify the required elements associated with the authority to build partner capacity by allowing human rights training conducted by the Department of State to satisfy the human rights training requirement, and clarifying the requirement regarding respect for civilian control of the military and institutional capacity building to ensure that both are promoted as part of the capacity building programs of the Department of Defense.

Section 1205—Extension and Modification of Authority on Training for Eastern European National Military Forces in the Course of Multilateral Exercises

This section would extend the authority provided the Secretary of Defense by section 1251 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), as amended by section 1233 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), to train eastern European national security forces until December 31, 2019. This section would also modify the authority to address the payment of incremental expenses of partner nations.

Section 1206—Extension of Participation in and Support of the Inter-American Defense College

This section would extend for 1 year the authority in section 1243(c) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) with respect to participation in and support of the Inter-American Defense College.

SUBTITLE B—MATTERS RELATING TO AFGHANISTAN AND PAKISTAN

Section 1211—Extension of Authority to Transfer Defense Articles and Provide Defense Services to the Military and Security Forces of Afghanistan

This section would extend through December 31, 2018, the authority under section 1222 of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112-239), as amended, to transfer defense articles and provide defense services to the military and security forces of the Islamic Republic of Afghanistan.

Section 1212—Modification to Report on Enhancing Security and Stability in Afghanistan

This section would amend section 1225 of the Carl Levin and Howard P. “Buck” McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291) to reduce the frequency of the Report on Enhancing Security and Stability in the Islamic Republic of Afghanistan to once annually. The next report would be due on June 15, 2018.

Section 1213—Report on United States Strategy in Afghanistan

This section would require the Secretary of Defense, in consultation with the Secretary of State, to submit a report to the appropriate congressional committees not later than February 15, 2018, that describes the strategy of the United States in the Islamic Republic of Afghanistan. The committee is concerned that the Department of Defense does not have a long-term strategy for U.S. involvement in Afghanistan to complement operational planning. A comprehensive strategy should look beyond the next five years and should connect current lines of effort to a steady state for U.S. involvement in Afghanistan that meets U.S. objectives.

Section 1214—Extension and Modification of Authority for Reimbursement of Certain Coalition Nations for Support Provided to United States Military Operations

This section would amend section 1233 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110-181), as most recently amended by section 1218 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), by extending the authority for reimbursement of

coalition nations for support provided to the United States for military operations in the Islamic Republic of Afghanistan through December 31, 2018.

This section would also extend, through December 31, 2018, the requirement for the Secretary of Defense to notify the appropriate congressional committees prior to making any reimbursement to the Government of the Islamic Republic of Pakistan for any logistical, military or other support that Pakistan provides to the United States.

Further, this section would extend the requirement for the Secretary of Defense to certify, prior to making any reimbursement to Pakistan, that Pakistan is maintaining security along the Ground Lines of Communication through Pakistan, taking demonstrable steps to support counterterrorism operations, disrupting cross border attacks, and countering the threat of improvised explosive devices.

This section would specify that, of the total amount of reimbursement and support authorized for Pakistan during the period beginning on October 1, 2017, and ending on December 31, 2018, \$400.0 million would not be eligible for a national security waiver unless the Secretary of Defense certifies that Pakistan continues to conduct military operations against the Haqqani Network in North Waziristan, is demonstrating commitment to preventing the Haqqani network from using North Waziristan as a safe haven, and is actively coordinating with the Government of Afghanistan to restrict the movement of militants, including the Haqqani Network, along the Pakistan-Afghanistan border.

SUBTITLE C—MATTERS RELATING TO SYRIA, IRAQ, AND IRAN

Section 1221—Report on United States Strategy in Syria

This section would require the Secretary of Defense, in coordination with the Secretary of State, to submit a report to the appropriate congressional committees not later than February 1, 2018, on the U.S. strategy in the Syrian Arab Republic. This report would require the Secretary to describe and prioritize interests, assess the ambitions of state actors in Syria, including the Islamic Republic of Iran, assess the threat to U.S. interests posed by Al Qaeda, the Islamic State of Iraq and the Levant, and Hezbollah, assess the resources and timeline required to achieve U.S. objectives, describe the transition from military operations to stabilization programming, and evaluate the risk to U.S. forces.

The committee understands that the political and military situation in Syria is unpredictable and that the nature of U.S. involvement may change as the result of such volatility. The committee, however, believes it important to articulate the United States' strategic objectives and describe a realistic process for achieving such objectives.

Section 1222—Extension and Modification of Authority to Provide Assistance to Counter the Islamic State of Iraq and the Levant

This section would extend section 1236 of the Carl Levin and Howard P. “Buck” McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291), as most recently amended by section 1222 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328), which authorizes the Secretary of Defense, in coordination with the Secretary of State, to provide \$1.3 million in assistance in fiscal year 2018 to the military and other security forces of, or associated with, the Government of the Republic of Iraq, including Kurdish and Sunni tribal security forces or other local security forces with a national security mission, through December 31, 2019.

The committee notes that an inclusive and representative Iraq is critical to achieving U.S. counterterrorism objectives and that Iraq must take meaningful steps to ensure that minorities’ interests are represented by the central Government. The committee encourages the Government of Iraq to pursue efforts to include and promote ethnic and sectarian minorities in the Iraqi Security Forces, and to ensure that defense equipment and materiel are getting to Sunni, Kurdish, and Christian groups, including the minority groups of the Nineveh Plain that have a national security mission. To that end, this section would also maintain the requirement that the Secretary of Defense and Secretary of State jointly submit an assessment of the extent to which the Government of Iraq is increasing political inclusiveness.

The committee notes that funding provided to the Kurdish Regional Government (KRG) is to enhance Government of Iraq-KRG cooperation and support a unified effort to counter the Islamic State of Iraq and the Levant (ISIL). Such funding should be contingent upon KRG participation in the government of a unified Iraq and on their continued good faith cooperation in the anti-ISIL campaign.

Section 1223—Extension and Modification of Authority to Support Operations and Activities of the Office of Security Cooperation in Iraq

This section would amend section 1215 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112-81), as most recently amended by section 1223 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), by extending the authority for the Office of Security Cooperation in the Republic of Iraq (OSC-I) for 1 year through fiscal year 2018.

Section 1224—Sense of Congress on Threats Posed by the Government of Iran

This section would express the sense of Congress that the United States should counter the Islamic Republic of Iran's malign activities in the Middle East; maintain a capable military presence in the Arabian Gulf region to deter, and, if necessary, respond to Iranian aggression; strengthen ballistic missile defense capabilities; ensure freedom of navigation through the Bab al Mandab and the Strait of Hormuz; and, renew focus on countering Iranian efforts to illicitly proliferate weapons in the region.

SUBTITLE D—MATTERS RELATING TO THE RUSSIAN FEDERATION

Section 1231—Extension of Limitation on Military Cooperation between the United States and the Russian Federation

This section would extend, by 1 year, section 1232 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). This section would limit the use of fiscal year 2018 funds for bilateral military-to-military cooperation between the Governments of the United States and the Russian Federation until the Secretary of Defense, in coordination with the Secretary of State, provides a certification to the appropriate congressional committees relating to certain actions by Russia. This section would also allow the Secretary of Defense to waive the limitation under certain conditions.

Section 1232—Prohibition on Availability of Funds Relating to Sovereignty of the Russian Federation over Crimea

This section would extend by 1 year the prohibition imposed by section 1245 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-270), as amended by section 1234 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). This section would prohibit the use of fiscal year 2018 funds to implement any activity that recognizes the sovereignty of the Russian Federation over Crimea. This section would allow the Secretary of Defense, in concurrence with the Secretary of State, to waive the prohibition if the Secretary determines that doing so would be in the national security interest of the United States and submits a notification to the Committees on Armed Services of the Senate and the House of Representatives, the Committee on Foreign Relations of the Senate, and the Committee on Foreign Affairs of the House of Representatives.

Section 1233—Statement of Policy on the Russian Federation

This section would state that it is the policy of the United States to sustain credible deterrence against aggression by the Government of the Russian Federation in order to enhance regional and global security and stability. The section would also include a series of findings highlighting continued aggression and intimidation by the Russian Federation against U.S. allies and partners in Europe.

Section 1234—Modification and Extension of Ukraine Security Assistance Initiative

This section would extend by 1 year section 1250 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), as amended by section 1237 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), to authorize the Secretary of Defense to provide security assistance and intelligence support to the Government of Ukraine.

Elsewhere in this Act, the committee includes a provision that would authorize \$150.0 million to carry out this authority in fiscal year 2018.

As reflected in the past three National Defense Authorization Acts, Congress has authorized and encouraged the Department of Defense to provide defensive lethal assistance to the Government of Ukraine. The committee urges the Department to provide defensive lethal assistance to the Government of Ukraine to support its efforts to protect and defend its territorial integrity.

SUBTITLE E—INTERMEDIATE-RANGE NUCLEAR FORCES (INF) TREATY PRESERVATION ACT OF 2017

Section 1243—Compliance Enforcement regarding Russian Violations of the INF Treaty

This section would make a statement of U.S. policy regarding Russian Federation compliance to the Intermediate-Range Nuclear Forces (INF) Treaty. It would state:

- (1) it is the policy of the United States that the actions undertaken by Russia in violation of the INF Treaty constitute a material breach of the treaty;
- (2) in light of such a material breach, the United States is legally entitled to suspend the operation of the INF Treaty in whole or in part for so long as Russia continues to be in material breach; and
- (3) for so long as the Russia remains in noncompliance with the INF Treaty, the United States should take actions to encourage a return to compliance, including by providing additional funds for certain capabilities identified in section 1243(d) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) and by seeking additional missile defense assets in the European theater to protect United States and North Atlantic Treaty Organization forces from missile systems of Russia that are in noncompliance with the INF Treaty.

This section would also make available \$50.0 million of the funds authorized by this Act for fiscal year 2018, as specified in the funding table in division D of this Act, for the development of active defenses to counter ground-launched missile systems with ranges between 500 and 5,500 kilometers; counterforce capabilities to prevent attacks from such missiles; and, countervailing strike capabilities identified in section 1243(d) of Public Law 114-92.

Lastly, this section would authorize \$25.0 million of the funds authorized by this section to be used for activities undertaken to carry out research and development activities contained elsewhere in this Act.

SUBTITLE F—MATTERS RELATING TO THE INDO-ASIA-PACIFIC REGION

Section 1251—Sense of Congress on the Indo-Asia-Pacific Region

This section would express the sense of Congress that the United States has a national interest in maintaining the stability and security of the Indo-Asia-

Pacific region. It expresses that the United States should maintain a military capability to deter acts of aggression and respond to regional threats. It expresses that continuing efforts to realign forces, commit additional assets, and increase investments in the region are necessary to maintain a robust U.S. commitment to the region. The committee believes the United States should continue to strengthen alliances and partnerships and support regional institutions and bodies.

Section 1252—Report on Strategy to Prioritize United States Defense Interests in the Indo-Asia-Pacific Region

This section would require the Secretary of Defense to develop a strategic plan that would prioritize the Department of Defense's efforts in the Indo-Asia-Pacific region and to submit a report on this plan to the appropriate congressional committees by February 1, 2018. In preparing the report, the Secretary should consider the strategy required by section 1261 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92). This section would also repeal section 1251 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291), even though the committee is disappointed that the Secretary failed to submit the report required by that section.

Section 1253—Assessment of United States Force Posture and Basing Needs in the Indo-Asia-Pacific Region

This section would require the Secretary of Defense to assess U.S. Pacific posture, deployment plans, and realignment and basing needs to accomplish U.S. defense priorities and respond to complex crises and contingencies. This section would also require the Secretary to report the results of this assessment to the congressional defense committees not later than March 1, 2018. The required report should align with the Department of Defense strategy to prioritize U.S. defense interests in the Indo-Asia-Pacific region that would be required elsewhere in this subtitle.

Section 1254—Extended Deterrence Commitment to the Asia-Pacific Region

This section would express the sense of Congress that the United States is committed to providing extended deterrence to allies in the Asia-Pacific, including Japan and the Republic of Korea. This section would also assert that the United States must maintain robust nuclear capabilities, including nuclear-capable aircraft, to assure that the full spectrum of military options associated with the extended deterrence commitments of the United States remains credible and executable.

Section 1255—Sense of Congress Reaffirming Security Commitments to the Governments of Japan and South Korea and Trilateral Cooperation between the United States, Japan, and South Korea

This section would express the sense of Congress that the United States values its alliances with the Governments of Japan and the Republic of Korea and that the United States should continue further defense cooperation. Additionally, the sense of Congress would convey the importance that the United States places on strengthening bilateral cooperation between Japan and South Korea and on trilateral cooperation among the United States, Japan, and South Korea. This section would seek to promote continued and strengthened bilateral and trilateral cooperation on a full range of issues related to the Democratic People's Republic of Korea and to other security challenges in the Asia-Pacific region.

Section 1256—Sense of Congress on Freedom of Navigation Operations in the South China Sea

This section would express the sense of Congress that the United States should regularly and routinely conduct freedom of navigation operations in the South China Sea.

Section 1257—Sense of Congress on Strengthening the Defense of Taiwan

This section would express the sense of Congress that the United States should strengthen and enhance its long-standing partnership and strategic cooperation with Taiwan, and that Taiwan should take steps to optimize its self-defense. This section would recommend that the United States should consider opportunities to expand exchanges and encourage more frequent provisioning of defense articles and services to Taiwan.

Section 1258—Sense of Congress on the Association on Southeast Asian Nations

This section would provide the sense of Congress in support of the Association of Southeast Asian Nations (ASEAN) on the 50th anniversary of its formation. It would recognize ASEAN efforts to promote peace, stability and prosperity in the region, including the steps taken to highlight the importance of peaceful dispute resolution and the need for adherence to international rules and standards. Finally, the section would state that ASEAN and the ASEAN Defense Ministers Meeting Plus should continue to be forums to discuss shared challenges in the maritime domain and for greater information sharing.

Section 1259—Sense of Congress on Reaffirming the Importance of the United States-Australia Defense Alliance

This section would provide the sense of Congress on the strength of United States-Australia relations. It recognizes that the United States and the Commonwealth of Australia maintain a critical strategic relationship underpinned by shared democratic values, common interests, and close defense ties. The committee recognizes that 2017 marks the 75th anniversary of the Battles of the Coral Sea, Midway, and Guadalcanal, and Australia has been a loyal ally, particularly with respect to international efforts in the Islamic Republic of Afghanistan and against the Islamic State of Iraq and the Levant. The committee also recognizes that the Force Posture Agreement between the Government of Australia and the Government of the United States, signed in 2014, strengthened the relationship between the two countries, a relationship that is an anchor for peace and security both in the Asia-Pacific region and worldwide.

SUBTITLE G—OTHER MATTERS

Section 1263—Security and Stability Strategy for Somalia

This section would require the President to submit a report to the appropriate congressional committees not later than 120 days after the date of enactment of this Act containing a comprehensive strategy to achieve long-term security and stability in the Federal Republic of Somalia.

Section 1264—Assessment of Global Theater Security Cooperation Management Information System

This section would require the Secretary of Defense to enter into an agreement with a federally funded research and development center to conduct an assessment of the effectiveness of measures taken to improve the functionality of the Global Theater Security Cooperation Management Information System (G-TSCMIS). The committee is aware of a July 2016 study prepared for the Defense Security Cooperation Agency (DSCA) that recommended that DSCA should ascertain the extent to which security cooperation organizations are fully and accurately entering information into G-TSCMIS. The study further concluded that, if accurate and complete, data drawn from G-TSCMIS could be a tremendous asset in the evaluation of security cooperation impacts. This section would also require the Secretary of Defense to submit the assessment to the congressional defense committees not later than six months after the date of the enactment of this Act.

Section 1265—Future Years Plan for the European Deterrence Initiative

This section would require the Secretary of Defense to develop and submit a plan to the congressional defense committees not later than 120 days after the date of the enactment of this Act, for the U.S. military's role in the European theater. This plan would include the allocation of resources in Europe through the continuation of the European Deterrence Initiative for fiscal year 2018 and four

successive fiscal years. The plan would also include the Department's assessment of what would be required to fully resource U.S. force posture and capabilities in the European theater, as well as a plan to station additional permanent U.S. troops in Europe, along with the necessary infrastructure and enablers.

This section would also require the Secretary of Defense to pause divestment of any remaining sites under the European Infrastructure Consolidation (EIC) until the required plan is submitted to Congress. Since the EIC was enacted into law in 2015, the strategic landscape of Europe has evolved with the resurgence of aggression by the Russian Federation. The committee notes that in a changing strategic environment, a re-evaluation of the sites the Department is planning to divest is necessary for long-term strategic planning.

The committee believes this section would provide the Department a tool to further develop its transition of European resources from reassurance to resources that develop, implement, and sustain a credible deterrent against a resurgent Russia.

Section 1266—Extension of Authority to Enter into Agreements with Participating Countries in the American, British, Canadian, and Australian Armies' Program

This section would extend by 5 years the authority in section 1274(g) of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112-239) to enter into agreements with participating countries in the American, British, Canadian, and Australian Armies Program.

Section 1267—Security Strategy for Yemen

This section would require the President to develop a security strategy for the Republic of Yemen and to submit a report on the required strategy to certain congressional committees within 120 days of the date of the enactment of this Act. The report required would include: discussion of the strategy's compliance with applicable legal authorities; a detailed description of the security environment; the threats posed by Al Qaeda in the Arabian Peninsula and the Islamic State in Iraq and the Levant–Yemen; a detailed description of the threat posed to maritime vessels at the Bab al Mandab Strait; the role of the U.S. Armed Forces in implementing the strategy; a discussion of the ends, ways, and means inherent to the strategy and the strategy's objectives regarding counterterrorism and long-term stability in Yemen; and a plan to coordinate the U.S. resources necessary to implement the strategy.

Section 1268—Limitation on Transfer of Excess Defense Articles that are High Mobility Multi-Purpose Wheeled Vehicles

This section would prohibit the Secretary of Defense from transferring any excess defense articles (EDA) that are high mobility multipurpose wheeled vehicles (HMMWVs) until 30 days after the Comptroller General of the United States

submits a report to the congressional defense committees, the Committee on Foreign Relations of the Senate, and the Committee on Foreign Affairs of the House of Representatives that assesses the Department of Defense's efforts to evaluate the potential impact of HMMWV EDA transfers on the U.S. industrial base pursuant to section 2321j(b)(1)(E) of title 22, United States Code, for fiscal years 2012 through 2016. The assessment shall also review the timing, rigor, and procedures used by the Department in conducting the industrial base analysis as required by current statute and any other related matters the Comptroller General considers appropriate.

The committee is concerned that the existing requirements to determine the potential impact of EDA transfers on the U.S. industrial base as required under section 2321j(b)(1)(E) of title 22, United States Code, are not being enforced by the Department of Defense, and as such there could be adverse impacts to the U.S. industrial base or its workforce. The committee is particularly concerned about the potential adverse impacts of EDA transfers to the light tactical vehicle industrial base.

The committee expects the Secretary of Defense to actively engage the industrial base in a timely manner regarding any potential EDA transfers to assist in the determination of whether the transfer of such articles will have an adverse impact on the national technology and industrial base, or reduce the opportunities of entities in the national technology and industrial base to sell new or used equipment to the countries to which such articles are transferred. The committee also expects the Secretary of Defense to engage the industrial base in providing refurbishment and sustainment of EDA equipment, to include supplies and parts, to the fullest extent possible.

Section 1269—Department of Defense Program to Protect United States Students Against Foreign Agents

This section would require the Secretary of Defense to develop and implement a program to prepare U.S. students studying abroad through Department of Defense National Security Education Programs to recognize and protect themselves against recruitment efforts by foreign intelligence agents. This section would also require the Secretary of Defense to provide a briefing to the Committee on Armed Services of the Senate and the Committee on Armed Services of the House of Representatives on the plan to develop and implement the program.

TITLE XIV—OTHER AUTHORIZATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—MILITARY PROGRAMS

Section 1401—Working Capital Funds

This section would authorize appropriations for Defense Working Capital Funds at the levels identified in section 4501 of division D of this Act.

Section 1402—Chemical Agents and Munitions Destruction, Defense

This section would authorize appropriations for Chemical Agents and Munitions Destruction, Defense at the levels identified in section 4501 of division D of this Act.

Section 1403—Drug Interdiction and Counter-Drug Activities, Defense-Wide

This section would authorize appropriations for Drug Interdiction and Counter-Drug Activities, Defense-Wide at the levels identified in section 4501 of division D of this Act.

Section 1404—Defense Inspector General

This section would authorize appropriations for the Office of the Inspector General at the levels identified in section 4501 of division D of this Act.

Section 1405—Defense Health Program

This section would authorize appropriations for the Defense Health Program at the levels identified in section 4501 of division D of this Act.

Section 1406—National Defense Sealift Fund

This section would authorize appropriations for the National Defense Sealift Fund at the levels identified in section 4501 of division D of this Act.

TITLE XV—AUTHORIZATION OF ADDITIONAL APPROPRIATIONS FOR OVERSEAS CONTINGENCY OPERATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 1501—Purpose

This section would establish the purpose of this title and make authorization of appropriations available upon enactment of this Act for the Department of Defense, in addition to amounts otherwise authorized in this Act, to provide for additional costs due to Overseas Contingency Operations and other additional funding requirements.

Section 1502—Procurement

This section would authorize additional appropriations for Procurement at the levels identified in section 4102 of division D of this Act.

Section 1503—Research, Development, Test, and Evaluation

This section would authorize additional appropriations for Research, Development, Test, and Evaluation at the levels identified in section 4202 of division D of this Act.

Section 1504—Operation and Maintenance

This section would authorize additional appropriations for operation and maintenance programs at the levels identified in section 4302 of division D of this Act.

Section 1505—Military Personnel

This section would authorize additional appropriations for military personnel at the levels identified in section 4402 of division D of this Act.

Section 1506—Working Capital Funds

This section would authorize additional appropriations for Defense Working Capital Funds at the levels identified in section 4502 of division D of this Act.

Section 1507—Drug Interdiction and Counter-Drug Activities, Defense-Wide

This section would authorize additional appropriations for Drug Interdiction and Counter-Drug Activities, Defense-Wide, at the levels identified in section 4502 of division D of this Act.

Section 1508—Defense Inspector General

This section would authorize additional appropriations for the Office of the Inspector General at the levels identified in section 4502 of division D of this Act.

Section 1509—Defense Health Program

This section would authorize additional appropriations for the Defense Health Program at the levels identified in section 4502 of division D of this Act.

SUBTITLE B—FINANCIAL MATTERS

Section 1511—Treatment as Additional Authorizations

This section would state that amounts authorized to be appropriated by this title are in addition to amounts otherwise authorized to be appropriated by this Act.

Section 1512—Special Transfer Authority

This section would authorize the transfer of up to \$2.50 billion of additional war-related funding authorizations in this title among the accounts in this title.

SUBTITLE C—LIMITATIONS, REPORTS, AND OTHER MATTERS

Section 1521—Afghanistan Security Forces Fund

This section would continue through December 31, 2018, the existing limitation on the use of funds in the Afghanistan Security Forces Fund, subject to certain conditions of section 1513 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110-181), as amended by section 1531(b) of the Ike Skelton National Defense Authorization Act for Fiscal Year 2011 (Public Law 111-383).

This section would also require the Secretary of Defense, in consultation with the Secretary of State, to conduct a progress assessment on the efforts of the Afghan National Defense and Security Forces. The assessment would focus on accountability and anti-corruption efforts, the capability and capacity of the security forces, the success of the security forces in holding and defending territory, and the appropriate distribution of equipment. Taking into account the results of such an assessment, the Secretary of Defense may withhold funding from the Afghan Security Forces Fund. The Secretaries are required to notify the appropriate congressional committees within 30 days of the decision to withhold such funds.

TITLE XVI—STRATEGIC PROGRAMS, CYBER, AND INTELLIGENCE MATTERS

LEGISLATIVE PROVISIONS

SUBTITLE B—SPACE ACTIVITIES

Section 1615—Evolved Expendable Launch Vehicle Modernization and Sustainment of Assured Access to Space

This section would prohibit the Secretary of Defense from obligating or expending funds authorized by this Act or otherwise made available for fiscal year 2018 for research, development, test, and evaluation, Air Force, for the evolved expendable launch vehicle (EELV) program for any use other than the activities

specified by this Act. This section would not affect or prohibit the Secretary from procuring launch services of EELV launch systems.

This section would require the Secretary to notify the congressional defense committees, and, in some circumstances, the congressional intelligence committees, not later than 30 days before the Secretary publishes a draft or final request for proposals, or obligates funds, for the development activities specified by this section. This section would further direct the Secretary, in coordination with the Director of Cost Assessment and Program Evaluation, to submit a report to the congressional defense committees within 120 days after the date of the enactment of this Act, that contains an assessment of the cost-effective method to meet the assured access to space requirements pursuant to section 2273 of title 10, United States Code, with respect to several specified time periods.

Lastly, this section would define the circumstances for what the Government would pay for as unique to national security space missions.

Section 1617—Demonstration of Backup and Complementary Positioning, Navigation, and Timing Capabilities of Global Positioning System

This section would require, during fiscal year 2018, the Secretary of Defense, the Secretary of Transportation, and the Secretary of Homeland Security to jointly develop a plan for carrying out a backup capability demonstration for the Global Positioning System (GPS). The plan would be required to be based on the results of the study conducted under section 1618 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328) and include the activities that the Secretaries determine necessary to carry out such demonstration. The Secretaries would be required to provide a briefing on this plan to the appropriate congressional committees within 120 days of the date of the enactment of this Act.

This section would further state that, subject to the availability of appropriations, the Secretaries would be required to jointly initiate the backup GPS capability demonstration and that the demonstration would terminate 18 months after the date of the enactment of this Act. At this date of termination, the Secretaries would be required to submit a report on the demonstration.

Finally, this section would authorize for this demonstration, for fiscal year 2018, \$10.0 million as specified in the funding tables.

Section 1618—Enhancement of Positioning, Navigation, and Timing Capacity

This section would require the Secretary of Defense to develop and implement a plan to increase resilience for the positioning, navigation, and timing (PNT) capacity for the Department of Defense. This section would require the plan to ensure that military Global Positioning System (GPS) user equipment (MGUE) terminals have the capability to receive signals from the Galileo satellites of the European Union and the QZSS satellites of Japan, beginning with increment 2 of the acquisition of such terminals.

This plan would also include an assessment of the feasibility, benefits, and risks of military GPS MGUE terminals having the capability to receive foreign PNT signals, beginning with increment 2 of the acquisition of such terminals. Such plan would also include an assessment of options to use hosted payloads to provide redundancy for the GPS signal; ensure that the Secretary of Defense, with the concurrence of the Secretary of State, engages with relevant U.S. allies to enable MGUE terminals to receive allied signals and negotiates other potential agreements relating to PNT enhancement; and include any other options the Secretary of Defense determines appropriate.

Finally, this section would require the Secretary of Defense to submit the plan along with certain evaluations to specified congressional committees not later than 180 days after the date of the enactment of this Act.

Section 1620—Report on Operational and Contingency Plans for Loss or Degradation of Space Capabilities

This section would require the Secretary of Defense and the Chairman of the Joint Chiefs of Staff, in coordination with each commander of a combatant command, to assess the implications of a loss or degradation of U.S. space capabilities on operational and contingency plans. The Secretary and Chairman, in coordination with the combatant commanders, would then be required to submit a report of their assessment to the appropriate congressional committees within 180 days after the date of the enactment of this Act.

SUBTITLE C—DEFENSE INTELLIGENCE AND INTELLIGENCE-RELATED ACTIVITIES

Section 1631—Security Clearances for Facilities of Certain Contractors

This section would provide the Department of Defense with the authority to approve facility clearances for a company in the event its senior management official does not have a security clearance at the level of the facility clearance, if a company designates an official with the appropriate clearance to act as the senior management official for the purposes of the facility clearance.

Section 1635—Review of Support Provided by Defense Intelligence Elements to Acquisition Activities of the Department

This section would require the Secretary of Defense to review the support provided by the defense intelligence enterprise to Department of Defense acquisition activities, and to develop a specific budget structure for intelligence support to acquisition that would be implemented beginning with the budget submission for fiscal year 2020. It also would require the Secretary to provide a briefing to the congressional defense committees and congressional intelligence

committees not later than May 1, 2018, on the results of the review and the plan for the budget structure.

Section 1636—Limitation on Availability of Funds for Certain Offensive Counterintelligence Activities

This section would limit the availability of funds for certain offensive counterintelligence operation (OFCO) activities until specified certification and briefing requirements are fulfilled not later than March 1, 2018. It would require the Secretary of Defense to certify that elements of the Department of Defense with OFCO authorities have appropriate oversight procedures. It would require the Director of the Defense Intelligence Agency (DIA) to provide the congressional defense committees and congressional intelligence committees with an accounting of certain resources transferred from the Defense Counterintelligence Field Activity. It also would require a briefing to the same committees from the Under Secretary of Defense for Intelligence and the Director of DIA on improvement of OFCO management. The committee has serious concerns about the lack of rigorous internal oversight of the Department's OFCO program. Recent briefings have shown several elements of the OFCO community are exposing the Department to unacceptable risk by failing to adhere to Department policies. The committee expects the Under Secretary of Defense for Intelligence to conduct rigorous, proactive oversight of all aspects of counterintelligence across the Department to ensure compliance with applicable regulations.

Section 1637—Prohibition on Availability of Funds for Certain Relocation Activities for NATO Intelligence Fusion Center

This section would prohibit certain funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2018 from being used to support the relocation of the NATO Intelligence Fusion Center from Royal Air Force Molesworth, United Kingdom, to Royal Air Force Croughton, United Kingdom.

Section 1638—Establishment of Chairman's Controlled Activity within Joint Staff for Intelligence, Surveillance, and Reconnaissance

This section would require continuation of a current Department of Defense plan to transition the roles, missions, and responsibilities of Joint Functional Component Command for Intelligence, Surveillance, and Reconnaissance from U.S. Strategic Command to the Chairman of the Joint Chiefs of Staff (CJCS) as a CJCS controlled activity, and designate the Department of the Air Force as the controlled activity's funding sponsor.

SUBTITLE E—NUCLEAR FORCES

Section 1653—Establishment of Nuclear Command and Control Intelligence Fusion Center

This section would direct the Secretary of Defense and the Director of National Intelligence to jointly establish an intelligence fusion center, not later than 180 days after the date of the enactment of this Act, for the purpose of enhancing the protection of nuclear command, control, and communications programs, systems, and processes and continuity of government programs, systems, and processes. In establishing the fusion center, the Secretary and Director would be required to develop a charter that includes the following:

(1) the roles and responsibilities of officials and elements of the Federal Government that are key stakeholders;

(2) the organization reporting chain of the fusion center;

(3) the staffing of the fusion center;

(4) the processes of the fusion center;

(5) how the fusion center integrates with other elements of the Federal Government;

(6) the management and administrative processes required to carry out the fusion center; and

(7) procedures to ensure that the appropriate number of staff of the fusion center have the security clearance necessary, including with respect to programs that are designated special access programs.

This section would further require the Secretary and the Director to submit an initial report to the congressional defense committees and the congressional intelligence committees, not later than 120 days after the date of the enactment of this Act, on the development of the charter and the plan for budget and staffing of the fusion center.

Lastly, this section would require the Secretary and Director to submit an annual report to the congressional defense committees and the congressional intelligence committees at the same time as the President's budget request is submitted to Congress, beginning in fiscal year 2019 and each fiscal year thereafter, on any updates to the plan on the budget and staffing of the fusion center; any updates to the charter; and a summary of the activities and accomplishments of the fusion center. This reporting requirement would expire on December 31, 2021.

SUBTITLE F—MISSILE DEFENSE PROGRAMS

Section 1675—Defense of Hawaii from North Korean Ballistic Missile Attack

This section would state findings of Congress concerning the North Korean ballistic missile threat, and the sense of Congress concerning the improvement of the missile defense of Hawaii. This section also would direct the Secretary of Defense to ensure existing ballistic missile defense assets are used to provide additional, interim but increasingly capable, ballistic missile defense capability for

Hawaii and concepts of operation are developed to mitigate any impact on the test functions of the U.S. Navy's Pacific Missile Range Facility.

This section would further authorize \$42.0 million for such purposes for fiscal year 2018 for Research, Development, Test, and Evaluation, Defense-Wide, for discrimination radar for homeland defense. This section would limit the expenditure of such funds for issuing a request for proposals or for entering into any contract until the Commander of the United States Pacific Command and the Director of the Missile Defense Agency jointly submit to the congressional defense committees both a certification and a plan concerning the use of existing ballistic defense assets for the defense of Hawaii.

This section would also prohibit the expenditure of more than 90 percent of such funds until the following conditions are met:

(1) the Director of the Missile Defense Agency certifies to the congressional defense committees the demonstrated capability to defeat a simple intercontinental ballistic missile (ICBM) using the standard missile 3 (SM-3) block IIA interceptor, and the Director develops a plan, as part of the integrated master test plan for the ballistic missile defense system, to defeat a complex ICBM threat, including a complex threat posed by North Korean ICBMs; and

(2) the Secretary of Defense submits a report to the congressional defense committees that indicates whether the nuclear deterrence capabilities of any adversary of the United States would be undermined by a capability to defend against North Korean ICBMs using SM-3 block IIA interceptors and whether the Secretary has developed a strategy to address any such effect upon an adversary's nuclear deterrent capabilities.

Section 1677—Iron Dome Short-Range Rocket Defense System, Israeli Cooperative Missile Defense Program Codevelopment and Coproduction, and Arrow 3 Testing

This section would make available \$92.0 million of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2018 for procurement, defense-wide, and for the Missile Defense Agency, for the Government of the State of Israel for the procurement of Tamir interceptors for the Iron Dome short-range rocket defense system.

This section would condition those funds subject to the terms, conditions, and coproduction targets specified for fiscal year 2018 in a bilateral international agreement amending the "Agreement Between the Department of Defense of the United States of America and the Ministry of Defense of the State of Israel Concerning Iron Dome Defense System Procurement."

This section would also require that not less than 30 days prior to the initial obligation of these funds, the Director of the Missile Defense Agency and the Under Secretary of Defense for Acquisition, Technology, and Logistics shall jointly submit to the congressional defense committees, the Committee on Foreign Affairs of the House of Representatives, and the Committee on Foreign Relations of the Senate, a certification that such agreement is being implemented as provided in the

agreement and an assessment detailing any risks relating to the implementation of such agreement.

This section would authorize \$221.5 million and \$287.3 million out of such funds as are authorized to be appropriated by this Act or otherwise made available for fiscal year 2018 for procurement, defense-wide, and for the Missile Defense Agency, for procurement and coproduction of the David's Sling Weapon System and the Arrow 3 Upper Tier missile defense system, respectively.

This section would further specify the terms and conditions that shall be achieved by the Director of the Missile Defense Agency and the Under Secretary of Defense for Acquisition, Technology, and Logistics prior to the disbursement of the authorized funds for David's Sling and Arrow 3. These terms and conditions would include achievement of the knowledge points and production readiness agreements within the current bilateral research, development, test, and evaluation agreements; matched funding by the Government of the State of Israel; the successful negotiation of a bilateral international agreement between the United States and the Government of Israel; agreed coproduction targets based on the teaming agreements for the codevelopment programs; and certain other matters, including apportionment of the costs of any delays for coproduction.

This section would also require the Under Secretary of Defense for Acquisition, Technology, and Logistics to provide a briefing to the congressional defense committees, the Committee on Foreign Affairs of the House of Representatives, and the Committee on Foreign Relations of the Senate, on the plans for improving the affordability of the David's Sling Weapon system and the Arrow 3 Upper Tier Interceptor Program not later than 30 days after such plans are approved.

Lastly, this section would limit the funds to be authorized by this Act or otherwise made available during fiscal year 2018 for the Missile Defense Agency for the testing of the Arrow 3 Upper Tier Development Program in ranges located in the United States and expenses related to such testing to not more than \$105.0 million.

The committee recommends the authorization of these funds for procurement of missile defense system batteries and interceptors for the Government of Israel; however, it is not establishing specific production goals or commitments.

SUBTITLE G—OTHER MATTERS

Section 1681—Protection of Certain Facilities and Assets from Unmanned Aircraft

This section would amend section 130i of title 10, United States Code, to provide the authority to protect against a threat posed by unmanned aircraft against certain military ranges.

Section 1682—Use of Commercial Items in Distributed Common Ground Systems

This section would require that procurement for each Distributed Common Ground System (DCGS) be carried out in accordance with section 2377 of title 10, United States Code, and that the service acquisition executive responsible for each DCGS provide a certification to the congressional defense committees and congressional intelligence committees that such processes have been followed within 30 days after the date of the enactment of this Act.

Section 1683—Independent Assessment of Costs Relating to Ammonium Perchlorate

This section would require the Secretary of Defense to seek to enter into a contract with a federally funded research and development center (FFRDC) for an assessment of the costs to the Department of Defense associated with Department contractors and subcontractors utilizing a new supplier for ammonium perchlorate in Department weapon systems that utilize such materials. The Secretary would be required to provide a report to the congressional defense committees containing the FFRDC's assessment, unchanged, along with any comments or views of the Secretary by not later than 120 days after the date of the enactment of this Act.

Section 1684—Industrial Base for Large Solid Rocket Motors and Related Technologies

This section would require the Secretary of Defense, in consultation with the Administrator of the National Aeronautics and Space Administration, to develop a plan to ensure a robust domestic industrial base for large solid rocket motors and critical technologies, subsystems, components, and materials related to such rocket motors. The Secretary would be required to ensure the plan sustains not less than two domestic suppliers of:

- (1) large solid rocket motors;
- (2) small liquid-fueled rocket engines;
- (3) aeroshells for reentry vehicles or reentry bodies;
- (4) strategic radiation-hardened microelectronics; and
- (5) any other critical technologies, subsystems, components, and materials

within and relating to large solid rocket motors that the Secretary determines appropriate.

The Secretary would be required to submit a report that contains this plan and the views of the Secretary on various related matters to pertinent congressional committees by February 1, 2018.

Section 1685—Pilot Program on Enhancing Information Sharing for Security of Supply Chain

This section would direct the Secretary of Defense to establish a pilot program by June 1, 2019, to enhance information sharing with cleared defense contractors for the purpose of ensuring supply chain security. This section would

require the Secretary to select 10 acquisition or sustainment programs to participate in the pilot program and would further provide criteria that the Secretary would be required to satisfy when selecting the 10 programs.

This section would also require the Secretary to submit a report to the congressional defense committees by March 1, 2018, that includes details on how the Secretary will establish the pilot program and the identification of any legislative action or administrative action required to provide the Secretary with specific additional authorities required to fully implement the pilot program.

Section 1686—Commission to Assess the Threat to the United States from Electromagnetic Pulse Attacks and Events

This section would establish a "Commission to Assess the Threat to the United States from Electromagnetic Pulse Attacks and Events." Members of the Commission would be appointed by the chairmen and ranking members of the House Committee on Armed Services and the Senate Committee on Armed Services.

This section would state that the duties of the Commission would be to review and assess various matters related to electromagnetic pulse attacks and events, both natural and man-made, that could be directed at or affect the United States within the next 20 years. The Commission would be required to submit a final report and interim briefing on its findings, conclusions, and recommendations, and the Secretary of Defense would be required to submit any views of the Secretary on the Commission's final report. This section would authorize \$3.0 million for the activities of the Commission, would terminate the Commission 3 months after the Secretary submits views on the Commission's report, and would state that the Federal Advisory Committee Act (5 U.S.C. App.) applies to the Commission.

Finally, this section would repeal title XIV of the Floyd D. Spence National Defense Authorization Act for Fiscal Year 2001 (Public Law 106-398).

TITLE XVII—MATTERS RELATING TO SMALL BUSINESSES

LEGISLATIVE PROVISIONS

SUBTITLE A—IMPROVING TRANSPARENCY AND CLARITY FOR SMALL BUSINESSES

Section 1701—Improving Reporting on Small Business Goals

This section would amend section 15(h) of the Small Business Act (15 U.S.C. 644(h)) to require the Small Business Administration, using data already required to be collected from contractors, to track companies that outgrow or no longer qualify for a small business program, as well as identify how prime contracting goals are met. The Small Business Administration would provide this

information in its annual report, but only after relevant data systems have been modified to facilitate data collection and reporting. The committee expects the Office of Small Business Programs at the Department of Defense to take a leadership role in ensuring that the systems are appropriately modified.

Section 1702—Uniformity in Procurement Terminology

This section would amend section 3(m) of the Small Business Act (15 U.S.C. 632(m)) and section 15(j) of the Small Business Act (15 U.S.C. 644(j)) to update procurement terminology consistent with the Federal Acquisition Regulation and with terminology used in titles 10 and 41, United States Code.

Section 1703—Responsibilities of Commercial Market Representatives

This section would amend section 4(h) of the Small Business Act (15 U.S.C. 633(h)) to provide a clear definition of the duties and responsibilities of the commercial market representatives employed by the Small Business Administration. Responsibilities would include providing assistance to small business concerns seeking subcontracting opportunities on Federal contracts and assisting prime contractors with meeting the subcontracting obligations found in section 8(d) of the Small Business Act (15 U.S.C. 637(d)).

Section 1704—Responsibilities of Business Opportunity Specialists

This section would amend section 4(g) of the Small Business Act (15 U.S.C. 633(g)) to add a job description and reporting hierarchy for business opportunity specialists of the Small Business Administration.

SUBTITLE B—WOMEN’S BUSINESS PROGRAMS

Section 1711—Office of Women’s Business Ownership

This section would amend section 29(g) of the Small Business Act (15 U.S.C. 656(g)) to clarify the duties of the Small Business Administration’s Office of Women’s Business Ownership and require that the office establish an accreditation program for its grant recipients.

Section 1712—Women’s Business Center Program

This section would amend section 29 of the Small Business Act (15 U.S.C. 656), relating to the Women’s Business Center Program, to provide definitions of key terms relating to eligibility; adjust the statutory cap on grants and requirement for matching funds by \$0.035 million; establish a mechanism for use of unobligated grant funds at the end of the fiscal year; and improve oversight of grant recipients.

This section also would require longer term planning, provide for continued authorization levels, and improve the application process.

Section 1713—Matching Requirements under Women’s Business Center Program

This section would amend section 29 of the Small Business Act (15 U.S.C. 656), relating to the Women’s Business Center Program, to limit the ability of the Administrator of the Small Business Administration to waive the requirement for matching funds by grant recipients. It also would provide that excess non-Federal dollars obtained by a grant recipient will not be subject to part 200 of title 2, Code of Federal Regulations, or any successor regulations.

SUBTITLE C—SCORE PROGRAM

Section 1721—SCORE Reauthorization

This section would amend section 20 of the Small Business Act (15 U.S.C. 631 note) to authorize the SCORE program through fiscal year 2019, and to permit the current level of appropriations to extend through that period.

Section 1722—SCORE Program

This section would amend sections 8(b) and 8(c) of the Small Business Act (15 U.S.C. 637(b)–(c)) to rename the Service Corps of Retired Executives program as the “SCORE” program. This section would provide definitions for terms used in the SCORE program, require an annual report on the effectiveness of the program, and direct the Small Business Administration to establish standards protecting the information of entrepreneurs counseled by SCORE. Finally, this section would direct SCORE to utilize webinars and electronic mentoring as a way to increase SCORE’s presence, and to engage in longer term strategic planning.

Section 1723—Online Component

This section would amend section 8(c) of the Small Business Act (15 U.S.C. 637(c)) to require SCORE to utilize webinars and electronic mentoring as a way to increase SCORE’s presence. It would further require SCORE to provide a report to the Senate Committee on Small Business and Entrepreneurship and the House Committee on Small Business regarding the results of the online component requirement.

Section 1724—Study and Report on the Future Role of the SCORE Program

This section would require SCORE to engage in long-term strategic planning for how the program will evolve to meet the needs of America’s entrepreneurs over the next 5 years.

Section 1725—Technical and Conforming Amendments

This section makes technical and conforming amendments to the Small Business Act (15 U.S.C. 631) reflective of other changes made in this title, such as the changing of name of program from Services Corps of Retired Executives to SCORE.

SUBTITLE D—SMALL BUSINESS DEVELOPMENT CENTERS IMPROVEMENTS

Section 1731—Use of Authorized Entrepreneurial Development Programs

This section would amend the Small Business Act (15 U.S.C. 631) by creating a new section to prohibit the Administrator of the Small Business Administration (SBA) from using unauthorized programs to deliver entrepreneurial development assistance. It would further require the Administrator to issue a report to the Committee on Small Business of the House of Representatives and the Committee on Small Business and Entrepreneurship of the Senate detailing all entrepreneurial development activities to ensure taxpayer dollars are being spent wisely and efficiently.

Section 1732—Marketing of Services

This section would amend section 21 of the Small Business Act (15 U.S.C. 648) by creating a new subsection to provide more flexibility to Small Business Development Centers to market and advertise their products and services.

Section 1733—Data Collection

This section would amend section 21(a)(3)(A) of the Small Business Act (15 U.S.C. 648(a)(3)(A)) to require the Administrator of the Small Business Administration to collaborate with the Association of Small Business Development Centers, which acts as a resource partner, on the development of data collection documents. It further creates a new subsection that requires an annual report to the Committee on Small Business of the House of Representatives and the Committee on Small Business and Entrepreneurship of the Senate on data collection activities and establishes a working group on data collection.

Section 1734—Fees from Private Partnerships and Cosponsorships

This section would further amend Section 21(a)(3) of the Small Business Act (15 U.S.C. 648(a)(3)(C)), as amended by section 104, to allow Small Business Development Centers to collect fees for the operation of partnerships and cosponsorships, which is currently not permissible.

Section 1735—Equity for Small Business Development Centers

This section would amend section 21(a)(4)(C)(v) of the Small Business Act (15 U.S.C. 648(a)(4)(C)(v)) to increase by \$100,000 the authorized funding level that could be used by the Administrator of the Small Business Administration to pay the Association of Small Business Development Centers for accreditation services, which would help to ensure enhanced Small Business Development Centers across the United States.

Section 1736—Confidentiality Requirements

This section would amend Section 21(a)(7)(A) of the Small Business Act (15 U.S.C. 648(a)(7)(A)) to prohibit the Small Business Administration from sharing Small Business Development Center client information with third parties. While the collection of certain information enhances the ability to track performance metrics, sharing sensitive information, such as the name of a business, is not necessary.

Section 1737—Limitations on Award of Grants to Small Business Development Centers

This section would amend Section 21 of the Small Business Act (15 U.S.C. 648) by creating a new subsection that prohibits entities other than higher education institutions from becoming a Small Business Development Center grantee. It also would provide an exception to those non-higher education entities that are currently operating in the program. It would clarify that Women's Business Centers may receive funds from Small Business Development Center lead centers to act as subgrantees.

SUBTITLE E—MISCELLANEOUS PROVISIONS

Section 1741—Modification of Past Performance Pilot Program to Include Consideration of Past Performance with Allies of the United States

This section would amend section 8(d)(17) of the Small Business Act (15 U.S.C. 637(d)(17)) to require that the past performance pilot program authorized in section 8(d) of the Small Business Act allow small businesses to submit performance of a contract for a sale of defense items to the Government of a North Atlantic Treaty Organization (NATO) ally, the Government of a major non-NATO ally, or the government of a country with which the United States has a defense cooperation agreement for consideration for a past performance rating. The committee believes that this provision would improve the ability of small businesses to compete for contracts with Federal agencies.

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

**TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY
PROGRAMS**

LEGISLATIVE PROVISIONS

SUBTITLE A—NATIONAL SECURITY PROGRAM AUTHORIZATIONS

Section 3101—National Nuclear Security Administration

This section would authorize appropriations for the National Nuclear Security Administration for fiscal year 2018, including funds for weapons activities, defense nuclear nonproliferation programs, naval reactor programs, and Federal Salaries and Expenses (formerly known as the "Office of the Administrator"), at the levels specified in the funding table in division D of this Act.

This section would also authorize several new plant projects for the National Nuclear Security Administration.

Section 3102—Defense Environmental Cleanup

This section would authorize appropriations for defense environmental cleanup activities for fiscal year 2018 at the levels specified in the funding table in division D of this Act.

This section would also authorize several new plant projects for the defense environmental cleanup program.

Section 3103—Other Defense Activities

This section would authorize appropriations for Other Defense Activities for the Department of Energy for fiscal year 2018 at the levels specified in the funding table in division D of this Act.

Section 3104—Nuclear Energy

This section would authorize appropriations for certain nuclear energy programs for the Department of Energy for fiscal year 2018 at the levels specified in the funding table in division D of this Act.

SUBTITLE B—PROGRAM AUTHORIZATIONS, RESTRICTIONS, AND LIMITATIONS

Section 3111—Nuclear Security Enterprise Infrastructure Recapitalization and Repair

This section would make a series of findings regarding the need to address infrastructure problems within the nuclear security enterprise.

This section would also require the Administrator for Nuclear Security to establish, within 30 days after the date of the enactment of this Act, a program known as the Facilities and Infrastructure Recapitalization and Repair Program (FIRRP) with a goal of reducing the nuclear security enterprise backlog of deferred maintenance and repair needs by at least 50 percent within 5 years.

Furthermore, this section would require the Secretary of Energy to provide the Administrator a process that will enhance and streamline the ability of the Administrator to carry out this program efficiently and effectively, including with respect to:

- (1) demolition or construction of non-nuclear facilities where the total project cost is estimated to be less than \$100.0 million; and
- (2) authority to decontaminate, decommission, and demolish (to be performed in accordance with applicable health and safety standards used by the defense environmental cleanup program) process-contaminated facilities if the total project cost is estimated to be less than \$50.0 million.

This section would authorize the Administrator to carry out this program without regard to certain requirements laid out in Office of Management and Budget Management Procedures Memorandum 2015-01. The Secretary and the Administrator would be required to provide, alongside the President's budget request for fiscal year 2019, a plan for achieving this goal. The program would terminate 5 years after the date of the enactment of this Act.

In addition, this section would require, within the annual Stockpile Stewardship, Management, and Responsiveness Plan mandated by section 2523 of title 50, United States Code, the Administrator to report metrics related to infrastructure deferred maintenance and repair needs based on industry best practices.

Furthermore, this section would provide mechanisms such that, for any line item plant projects authorized by Congress, the Administrator ensures that all requirements that increase scope, schedule, or budgets for such projects do not change after certain steps in the design and construction process.

Finally, this section would also express the sense of Congress regarding the program authorized by this section and infrastructure needs within the nuclear security enterprise.

Section 3113—Cost Estimates for Life Extension Program and Major Alteration Projects

This section would amend section 4217(b) of the Atomic Energy Defense Act (50 U.S.C. 2537(b)) to require the Secretary of Energy, acting through the Administrator for Nuclear Security, to conduct an independent cost estimate or

independent cost review at various phases of warhead life extension programs. The Administrator would be required to submit the independent cost estimate or independent cost review to the congressional defense committees not later than 30 days after approval of the pertinent acquisition phase. Not later than 30 days after that, the Administrator would be required to submit any views of the Administrator regarding the cost estimate or the program and whether the Administrator has changed the baseline cost estimate and the future years nuclear security program budget for the program.

Section 3116—Research and Development of Advanced Naval Reactor Fuel Based on Low-Enriched Uranium

This section would provide that none of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2018 for the Department of Energy or the Department of Defense may be obligated or expended to plan or carry out research and development of an advanced naval nuclear fuel system based on low-enriched uranium. However, the section would authorize for these purposes, from within amounts made available for fiscal year 2018 for defense nuclear nonproliferation, \$5.0 million for the Deputy Administrator for Naval Reactors of the National Nuclear Security Administration. This section would also authorize an additional \$30.0 million for these purposes from the amounts made available for defense nuclear nonproliferation if the Secretary of Energy and Secretary of the Navy determine under section 3118(c)(1) of the National Defense Authorization Act for Fiscal Year 2016 (P.L. 114-92) that such research and development should continue.

This section would also create a new section, section 7319, in title 10, United States Code, to provide that activities related to planning or carrying out research and development of an advanced naval nuclear fuel system based on low-enriched uranium, and procuring of ships that use low-enriched uranium in naval nuclear propulsion reactors, may only be carried out using funding from the defense nuclear nonproliferation account of the Department of Energy. This section would state that this prohibition may not be superseded except by a provision of law that specifically supersedes, repeals, or modifies this section, section 7319.

Finally, this section would require two reports related to this program.

Section 3118—National Nuclear Security Administration Pay and Performance System

This section would require the Administrator for Nuclear Security to continue to carry out the National Nuclear Security Administration's (NNSA) Pay Banding and Performance-Based Pay Adjustment Demonstration Project authorized under section 4703 of title 5, United States Code, for 5 years after the date of the enactment of this Act. As part of this project, the Administrator for Nuclear Security would be required to enable and incentivize NNSA employees to undertake rotational assignments and ensure that employees complete certain

requirements (as determined by the Administrator) related to rotational assignments, professional training, and continuing education before they may be considered for appointment to senior-level positions.

This section would further require the Administrator to take actions (as determined by the Administrator) to strengthen and increase the use of rotational assignments through intergovernmental personnel agreements or similar programs by NNSA employees and the employees of its management and operating contractors.

This section would also require the Director of the NNSA Office of Cost Estimating and Program Evaluation to carry out a red-team analysis of NNSA's Federal staffing structure.

Finally, the Administrator and the Director would be required to provide briefings to the appropriate congressional committees within 180 days after the date of the enactment of this Act on the matters contained in this section.

Section 3119—Disposition of Weapons-Usable Plutonium

This section would require the Secretary of Energy to carry out construction and project support activities for the Mixed Oxide Fuel Fabrication Facility with any funds authorized to be appropriated or otherwise made available for such purposes for fiscal year 2018. The Secretary would be allowed to waive this requirement if the Secretary submits certain matters, notifications, and certifications to the Committees on Armed Services of the Senate and the House of Representatives.

DIVISION D—FUNDING TABLES

Section 4001—Authorization of Amounts in Funding Tables

This section would provide for the allocation of funds among programs, projects, and activities in accordance with the tables in division D of this Act, subject to reprogramming guidance in accordance with established procedures.

Consistent with the previously expressed views of the committee, this section would also require that a decision by an agency head to commit, obligate, or expend funds to a specific entity on the basis of such funding tables be based on merit-based selection procedures in accordance with the requirements of section 2304(k) and section 2374 of title 10, United States Code, and other applicable provisions of law.

BILL LANGUAGE

1 **Subtitle A—Authorization Of**
2 **Appropriations**

3 **SEC. 101 [Log 65142]. AUTHORIZATION OF APPROPRIA-**
4 **TIONS.**

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

1 **SEC. 113 [Log 65718]. LIMITATION ON AVAILABILITY OF**
2 **FUNDS FOR PROCUREMENT OF ICEBREAKER**
3 **VESSELS.**

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

9 (b) **EXCEPTION.**—Notwithstanding the limitation in
10 subsection (a), the Secretary of the Navy may use funds
11 described in such subsection to act as general agent for
12 the Department in which the Coast Guard is operating
13 pursuant to a contract or other agreement entered into
14 under section [112].

1 **Subtitle C—Air Force Programs**

2 **SEC. 121 [Log 65496]. STREAMLINING ACQUISITION OF** 3 **INTERCONTINENTAL BALLISTIC MISSILE SE-** 4 **CURITY CAPABILITY.**

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

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

11 (A) On the age of the airframe: “The UH–
12 1N is a versatile utility helicopter that was ac-
13 cepted into service from 1968-1969.”.

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

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

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

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

9 (iii) two RAND corporation studies
10 funded in 2013; and

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

14 (2) On February 24, 2016, at a hearing before
15 the Committee on Armed Services of the House of
16 Representatives, in response to concerns related to
17 lift, capacity, and hover time of the UH-1N, then
18 Commander of the United States Strategic Com-
19 mand, Admiral Cecil Haney stated: “Congressman,
20 absolutely, in terms of thinking very crisply associ-
21 ated with what we need to do to improve security of
22 our missile fields. . . the attributes you listed are
23 the attributes that concern me in terms of the capa-
24 bility, not just now, but into the future.”.

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

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

20 (b) SENSE OF CONGRESS.—It is the sense of Con-
21 gress that, based on the findings under subsection (a), the
22 Secretary of Defense should have the authority to expedite
23 the procurement of a replacement aircraft for the UH-
24 1N helicopter.

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

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

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

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

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

14 (2) a certification that—

15 (A) the Secretary has reviewed—

16 (i) the threshold requirements for the
17 UH–1N replacement aircraft program; and

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

22 (B) after conducting such review, the Sec-
23 retary has determined that entering into a con-
24 tract on a sole-source basis under subsection
25 (c)—

1 (i) is in the national security interests
2 of the United States; and

3 (ii) is necessary to ensure that a UH-
4 1N replacement aircraft enters service by
5 not later than September 30, 2020.

1 **SEC. 122 [Log 65528]. LIMITATION ON SELECTION OF SIN-**
2 **GLE CONTRACTOR FOR C-130H AVIONICS**
3 **MODERNIZATION PROGRAM INCREMENT 2.**

4 (a) **LIMITATION.**—The Secretary of the Air Force
5 may not select only a single prime contractor to carry out
6 increment 2 of the C-130H avionics modernization pro-
7 gram until the Secretary submits to the congressional de-
8 fense committees a written certification that, in selecting
9 such a single prime contractor—

10 (1) the Secretary will ensure, to the extent
11 practicable, that commercially available off-the-shelf
12 items are used under the program, including tech-
13 nology solutions and nondevelopmental items; and

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

17 (b) **DEFINITIONS.**—In this section, the terms “com-
18 mercially available off-the-shelf item”, “full and open com-
19 petition”, and “nondevelopmental item” have the mean-
20 ings given the terms in chapter 1 of title 41, United States
21 Code.

1 **SEC. 132 [Log 65583]. LIMITATION ON DEMILITARIZATION**
2 **OF CERTAIN CLUSTER MUNITIONS.**

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

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

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

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

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

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

24 (1) **CLUSTER MUNITION.**—The term “cluster
25 munition” means a munition that is composed of a
26 nonreusable canister or delivery body that contains

1 multiple, conventional submunitions, without regard
2 to the mode by which the munition is delivered. The
3 term does not include—

4 (A) nuclear, chemical, or biological weap-
5 ons;

6 (B) obscurants;

7 (C) pyrotechnics;

8 (D) non-lethal systems;

9 (E) non-explosive kinetic effect submuni-
10 tions;

11 (F) electronic effects; or

12 (G) landmines.

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

20 (3) DEMILITARIZE.—The term “demilitarize”,
21 when used with respect to a cluster munition or
22 components of a cluster munition—

23 (A) means to destroy the military offensive
24 or defensive advantages inherent in the muni-
25 tion or its components; and

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

1 **Subtitle A—Authorization Of**
2 **Appropriations**

3 **SEC. 201 [Log 65147]. AUTHORIZATION OF APPROPRIA-**
4 **TIONS.**

5 Funds are hereby authorized to be appropriated for
6 fiscal year 2018 for the use of the Department of Defense
7 for research, development, test, and evaluation, as speci-
8 fied in the funding table in section 4201.

1 **Subtitle B—Program Requirements, Restrictions, And Limitations**
2 **ments, Restrictions, And Limitations**
3 **tions**

4 **SEC. 211 [Log 64869]. COST CONTROLS FOR PRESIDENTIAL**
5 **AIRCRAFT RECAPITALIZATION PROGRAM.**

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

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

19 (1) to resolve an ambiguity relating to the capa-
20 bility requirement;

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

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

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

4 (5) to address a safety issue; or

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

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

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

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

18 (d) FORM OF CONTRACTS.—

19 (1) REQUIREMENT FOR FIXED-PRICE TYPE
20 CONTRACTS.—Of the total amount of funds obli-
21 gated or expended for contracts for engineering and
22 manufacturing development under the PAR pro-
23 gram, not less than 50 percent shall be for fixed-
24 price type contracts.

1 (2) OTHER CONTRACT TYPES.—Except as pro-
2 vided in paragraph (1), a contract other than a
3 fixed-price type contract may be entered into under
4 the PAR Program only if the service acquisition ex-
5 ecutive of the Air Force, on a nondelegable basis,
6 approves the contract.

7 (e) QUARTERLY BRIEFINGS.—

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

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

18 (A) An overview of the program schedule.

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

23 (C) An assessment of the status of the
24 program with respect to—

25 (i) modification;

1 (ii) testing;

2 (iii) delivery; and

3 (iv) sustainment.

4 (f) SERVICE ACQUISITION EXECUTIVE DEFINED.—

5 In this section, the term “service acquisition executive”

6 has the meaning given that term in section 101(a)(10) of

7 title 10, United States Code.

1 **SEC. 217 [Log 65897]. LIMITATION ON AVAILABILITY OF**
2 **FUNDS FOR MQ-25 UNMANNED AIR SYSTEM.**

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

12 (b) CERTIFICATION AND REPORT.—

13 (1) CERTIFICATION.—The Secretary of the
14 Navy shall submit to the congressional defense com-
15 mittees a written certification that—

16 (A) the MQ-25 unmanned air system is
17 required to fill a validated capability gap of the
18 Department of the Navy;

19 (B) the Chief of Naval Operations has re-
20 viewed and approved the initial capability docu-
21 ment and the capability development document
22 relating to such system; and

23 (C) the initial capability document and the
24 capability development document have been pro-
25 vided to the congressional defense committees.

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

5 (A) an identification of threshold and ob-
6 jective key performance parameters for the
7 MQ-25 unmanned air system;

8 (B) a certification that the threshold and
9 objective key performance parameters for such
10 system have been established and are achiev-
11 able; and

12 (C) a description of the requirements of
13 such system with respect to—

14 (i) fuel transfer;

15 (ii) equipment for intelligence, surveil-
16 lance, and reconnaissance;

17 (iii) equipment for electronic attack
18 and electronic protection;

19 (iv) communications equipment;

20 (v) weapons payload;

21 (vi) range;

22 (vii) mission endurance for unrefueled
23 and aerial refueled operations;

24 (viii) affordability;

25 (ix) survivability; and

- 1 (x) interoperability with other Navy
- 2 and joint-service unmanned aerial systems
- 3 and mission control stations.

1 **SEC. 218 [Log 65807]. LIMITATION ON AVAILABILITY OF**
2 **FUNDS FOR CONTRACT WRITING SYSTEMS.**

3 (a) **LIMITATION.**—Of the funds specified in sub-
4 section (c), not more than 75 percent may be obligated
5 or expended until the date on which the Secretary of De-
6 fense submits to the congressional defense committees the
7 assessment required under subsection (b).

8 (b) **ASSESSMENT REQUIRED.**—The Secretary of De-
9 fense, in coordination with the Secretaries of the military
10 departments, shall submit to the congressional defense
11 committees a written assessment of the requirements for
12 each contract writing information technology system of the
13 Department of Defense and the military departments.
14 Such assessment shall include the following:

15 (1) Analysis of the requirements for each such
16 contract writing system, including identification of
17 common requirements and any requirements unique
18 to each military department.

19 (2) Identification of legacy systems that provide
20 data to, or receive data from, such contract writing
21 systems.

22 (3) Projected timelines showing when each con-
23 tract writing system is expected to become fully
24 operationally capable and when each legacy system
25 is expected to terminate, based on budget projections
26 included in the most recent future-years defense pro-

1 gram submitted to Congress under section 221 of
2 title 10, United States Code.

3 (4) Assessment of how a shared services model
4 might be applied to replace specific contract writing
5 systems, including analysis of the business process
6 reengineering necessary to move to a shared services
7 model and how shared services can be integrated
8 into the business enterprise architecture of the De-
9 partment.

10 (5) Identification of available shared services
11 for contract writing systems, such as those offered
12 by the General Services Administration or by other
13 sources, that might provide viable alternatives to
14 current contract writing systems.

15 (6) Identification of any gaps in the capabilities
16 of available shared services for contract writing sys-
17 tems, and recommendations for addressing such
18 gaps.

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

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

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

5 (2) Funds authorized to be appropriated by this
6 Act or otherwise made available for fiscal year 2018
7 for procurement for each system described in sub-
8 section (d).

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

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

12 (2) The Electronic Procurement System of the
13 Navy.

14 (3) The Automated Contract Preparation Sys-
15 tem of the Air Force.

16 (4) The Contract Writing and Administration
17 System of the Defense Contract Management Agen-
18 cy.

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

1 **Subtitle A—Authorization of**
2 **Appropriations**

3 **SEC. 301 [Log 65148]. AUTHORIZATION OF APPROPRIA-**
4 **TIONS.**

5 Funds are here by 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 expenses, not otherwise provided for, for operation and
9 maintenance, as specified in the funding table in section
10 4301.

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

3 **SEC. 311 [Log 65668]. CODIFICATION OF AND IMPROVE-**
4 **MENTS TO DEPARTMENT OF DEFENSE**
5 **CLEARINGHOUSE TO COORDINATE DEPART-**
6 **MENT REVIEW OF APPLICATIONS FOR CER-**
7 **TAIN PROJECTS THAT MAY HAVE ADVERSE**
8 **IMPACT ON MILITARY OPERATIONS AND**
9 **READINESS.**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

9 “(i) DEFINITIONS.—In this section:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1 **SEC. 322 [Log 65347]. ANNUAL REPORT ON PERSONNEL,**
2 **TRAINING, AND EQUIPMENT NEEDS OF NON-**
3 **FEDERALIZED NATIONAL GUARD.**

4 (a) ANNUAL REPORT REQUIRED.—Section 10504 of
5 title 10, United States Code, as amended by section ____
6 [Log 64854-report elimination section], is further amend-
7 ed—

8 (1) in subsection (a)—

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

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

14 “(2) The annual report required by paragraph (1)”;
15 and

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

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

1 “(A) to support civilian authorities in connec-
2 tion with natural and man-made disasters during the
3 covered period; and

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

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

9 “(A) consult with the chief executive of each
10 State, the Council of Governors, and other appro-
11 priate civilian authorities;

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

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

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

19 “(ii) each of the Federal Emergency Man-
20 agement Agency regions;

21 “(D) assess core civilian capability gaps relating
22 to natural and man-made disasters, as identified by
23 States in submissions to the Department of Home-
24 land Security; and

1 “(E) take into account threat and hazard iden-
2 tifications and risk assessments of the Department
3 of Defense, the Department of Homeland Security,
4 and the States.

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

7 “(A) The congressional defense committees, the
8 Committee on Homeland Security of the House of
9 Representatives, and the Committee on Homeland
10 Security and Governmental Affairs of the Senate.

11 “(B) The Secretary of Defense.

12 “(C) The Secretary of Homeland Security.

13 “(D) The Council of Governors.

14 “(E) The Secretary of the Army.

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

16 “(G) The Commander of the United States
17 Northern Command.

18 “(H) The Commander of the United States Pa-
19 cific Command.

20 “(I) The Commander of the United States
21 Cyber Command.

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

25 (b) CLERICAL AMENDMENTS.—

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

3 **“§ 10504. Chief of National Guard Bureau: annual re-**
4 **ports”.**

5 (2) TABLE OF CONTENTS.—The table of sec-
6 tions at the beginning of chapter 1011 of title 10,
7 United States Code, is amended by striking the item
8 relating to section 10504 and inserting the fol-
9 lowing:

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

1 **SEC. 332 [Log 65771]. SECURITY CLEARANCE INVESTIGA-**
2 **TIONS.**

3 (a) AUTHORITIES OF THE SECRETARY OF DE-
4 FENSE.—Section 1564 of title 10, United States Code, is
5 amended—

6 (1) by redesignating subsections (a) through (f)
7 as subsections (c) through (h), respectively;

8 (2) by inserting before subsection (c), as reded-
9 igned by paragraph (1), the following new sub-
10 sections:

11 “(a) AUTHORITY TO CONDUCT BACKGROUND INVES-
12 TIGATIONS.—(1) The Secretary of Defense, acting
13 through the Defense Security Service, is authorized to
14 conduct security, suitability, and credentialing background
15 investigations of Department of Defense personnel and
16 Department of Defense contractor personnel, as the Sec-
17 retary determines appropriate.

18 “(2) The Secretary may delegate the responsibility
19 under subsection (a) to conduct background investigations
20 to another entity, in circumscribed situations. In defining
21 those situations, the Secretary shall propose the extent
22 and scope of investigations to be conducted to reduce secu-
23 rity backlogs, which shall be approved by the Director of
24 the National Background Investigations Bureau.

25 “(3)(A) In carrying out this section, the Secretary,
26 acting through the Defense Security Service, shall leverage

1 Department of Defense capital investments and the Na-
2 tional Background Investigations System.

3 “(B) The Secretary, in consultation with the National
4 Background Investigations Bureau, shall enhance or mod-
5 ify the National Background Investigations System to di-
6 rectly support the authority of the Secretary under this
7 section.

8 “(b) INVESTIGATIVE STANDARDS, CONTINUOUS
9 EVALUATION, AND CONTINUOUS VETTING.—(1) The Sec-
10 retary, in consultation with the Security Executive Agent,
11 may implement enhanced requirements for continuous
12 evaluation, including the expansion of continuous evalua-
13 tion processes to be used instead of secret periodic reinves-
14 tigation processes.

15 “(2) The Secretary, in consultation with the Security,
16 Suitability, and Credentialing Executive Agents, may tai-
17 lor investigative requirements to support risk in person
18 and risk in position at all investigative tiers and levels of
19 access.

20 “(3) The Secretary may establish a continuous vet-
21 ting capability for the lowest levels of physical and logical
22 access to Department of Defense facilities, installations,
23 and systems.

24 “(4) The Secretary may adopt guidelines to prioritize
25 initial security clearance investigations for an clearance

1 level over the periodic reinvestigations for secret clearance
2 holders in order to reduce investigation backlogs. These
3 modified guidelines shall be determined in consultation
4 with the Director of the National Background Investiga-
5 tions Bureau.”;

6 (3) in subsection (d), as redesignated by para-
7 graph (1), by striking “subsection (a)” and inserting
8 “subsection (e)”;

9 (4) in subsection (e), as so redesignated, by
10 striking “subsection (a)” and inserting “subsection
11 (e)”;

12 (5) in subsection (h), as so redesignated, by
13 striking “subsection (a)(2)” and inserting “sub-
14 section (c)(2)”.

15 (b) QUARTERLY STATUS REPORTS.—

16 (1) IN GENERAL.—Not later than 30 days after
17 the last day of the first fiscal quarter beginning
18 after the date of the enactment of this Act, the Sec-
19 retary of Defense shall submit to the appropriate
20 congressional committees quarterly status reports on
21 the status of the implementation of the amendments
22 made by this section. Each such report shall include,
23 for the quarter covered by the report—

1 (A) a description of the extent of the back-
2 log in background investigations initiated by the
3 Department of Defense;

4 (B) the anticipated timeline for the reduc-
5 tion of such backlog to a manageable level, as
6 determined by the Secretary; and

7 (C) a description of the mission impact of
8 such backlog on the Department, including such
9 impact on the defense industrial base.

10 (2) TERMINATION.—The requirement to submit
11 a report under this subsection shall terminate on the
12 date on which the Secretary determines the backlog
13 of background investigations initiated by the Depart-
14 ment of Defense has been eliminated.

15 (3) APPROPRIATE CONGRESSIONAL COMMIT-
16 TEES.—In this subsection, the term “appropriate
17 congressional committees” means—

18 (A) the congressional defense committees;

19 (B) the Permanent Select Committee on
20 Intelligence of the House of Representatives;

21 (C) the Select Committee on Intelligence of
22 the Senate;

23 (D) the Committee on Oversight and Gov-
24 ernment Reform of the House of Representa-
25 tives; and

- 1 (E) the Committee on Homeland Security
- 2 and Governmental Affairs of the Senate.

1 **Subtitle C—Authorization of**
2 **Appropriations**

3 **SEC. 421 [Log 65194]. MILITARY PERSONNEL.**

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

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

1 **SEC. 503 [Log 65915]. EQUAL TREATMENT OF ORDERS TO**
2 **SERVE ON ACTIVE DUTY UNDER SECTION**
3 **12304A AND 12304B OF TITLE 10, UNITED**
4 **STATES CODE.**

5 (a) **ELIGIBILITY OF RESERVE COMPONENT MEM-**
6 **BERS FOR PRE-MOBILIZATION HEALTH CARE.**—Section
7 1074(d)(2) of title 10, United States Code, is amended
8 by striking “in support of a contingency operation under”
9 and inserting “under section 12304b of this title or”.

10 (b) **ELIGIBILITY OF RESERVE COMPONENT MEM-**
11 **BERS FOR TRANSITIONAL HEALTH CARE.**—Section
12 1145(a)(2)(B) of title 10, United States Code, is amended
13 by striking “in support of a contingency operation” and
14 inserting “under section 12304b of this title or a provision
15 of law referred to in section 101(a)(13)(B) of this title”.

1 **Subtitle A—Pay and Allowances**

2 **SECTION 601 [log 65765]. ANNUAL ADJUSTMENT OF BASIC**
3 **MONTHLY PAY.**

4 The adjustment in the rates of monthly basic pay re-
5 quired by subsection (a) of section 1009 of title 37, United
6 States Code, to be made on January 1, 2018, shall take
7 effect, notwithstanding any determination made by the
8 President under subsection (e) of such section with respect
9 to an alternative pay adjustment to be made on such date.

1 **SEC. 602 [log 65900]. LIMITATION ON BASIC ALLOWANCE**
2 **FOR HOUSING MODIFICATION AUTHORITY**
3 **FOR MEMBERS OF THE UNIFORMED SERV-**
4 **ICES RESIDING IN MILITARY HOUSING PRI-**
5 **VATIZATION INITIATIVE HOUSING.**

6 (a) IN GENERAL.—Paragraph (3) of section 403(b)
7 of title 37, United States Code, is amended by adding at
8 the end the following new subparagraph:

9 “(C) The Secretary of Defense may not reduce the
10 rate of basic allowance for housing in effect on December
11 31, 2017, for a member of a uniformed service who resides
12 in a housing unit acquired or constructed under the alter-
13 native authority of subchapter IV of chapter 169 of title
14 10 (known as the Military Housing Privatization Initia-
15 tive) until January 1, 2019.”.

16 (b) CONFORMING AMENDMENT.—Subparagraph (B)
17 of such paragraph is amended in clause (iv) by striking
18 “Four” and inserting “Subject to subparagraph (C),
19 four”.

20 (c) GAO REVIEW.—Not later than March 1, 2018,
21 the Comptroller General of the United States shall submit
22 to the Committees on Armed Services of the House of
23 Representatives and the Senate a review of the following:

24 (1) The management of the Military Housing
25 Privatization Initiative to date.

1 (2) Plans for the Military Housing Privatization
2 Initiative after March 1, 2018.

3 (3) The viability of the Military Housing Pri-
4 vatization Initiative after March 1, 2018.

5 (4) Alternatives to the Military Housing Privat-
6 ization Initiative.

1 **Subtitle C—Disability Pay, Retired**
2 **Pay, and Survivor Benefits**

3 **SEC. 621.[Log 65431]. FINDINGS AND SENSE OF CONGRESS**
4 **REGARDING THE SPECIAL SURVIVOR INDEM-**
5 **NITY ALLOWANCE.**

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

7 (1) Dependency and indemnity compensation
8 administered by the Department of Veterans Affairs
9 provides financial support to the surviving spouses,
10 children, and dependent parents of deceased vet-
11 erans.

12 (2) The survivor benefit plan administered by
13 the Department of Defense provides an inflation-ad-
14 justed annuity to the eligible survivors of certain de-
15 ceased military personnel.

16 (3) The amount of compensation a surviving
17 spouse may receive under the survivor benefit plan
18 is offset on a dollar-for-dollar basis by any amount
19 of dependency and indemnity compensation the sur-
20 viving spouse receives.

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

23 (1) the special survivor indemnity allowance
24 was created to assist surviving spouses and begin to
25 repay the offset described in subsection (a)(3); and

1 (2) such offset should be repealed as soon as
2 possible.

1 **Subtitle A—Defense Acquisition**
2 **Streamlining and Transparency**

3 **PART I—ACQUISITION SYSTEM STREAMLINING**

4 **SEC. 801 [Log 64842]. PROCUREMENT THROUGH ONLINE**
5 **MARKETPLACES.**

6 (a) **ESTABLISHMENT OF PROGRAM.**—The Adminis-
7 trator of General Services shall establish a program to
8 procure commercial products through online marketplaces
9 for purposes of expediting procurement and ensuring rea-
10 sonable pricing of commercial products. The Adminis-
11 trator shall carry out the program in accordance with this
12 section, through more than one contract with more than
13 one online marketplace provider, and shall design the pro-
14 gram to enable Government-wide use of such market-
15 places.

16 (b) **USE OF PROGRAM BY SECRETARY OF DE-**
17 **FENSE.**—The Secretary of Defense shall purchase, as ap-
18 propriate, commercial products for the Department of De-
19 fense using the program established pursuant to sub-
20 section (a).

21 (c) **CRITERIA FOR ONLINE MARKETPLACES.**—The
22 Administrator shall ensure that an online marketplace
23 used under the program established pursuant to sub-
24 section (a)—

1 (1) is used widely in the private sector, includ-
2 ing in business-to-business e-commerce;

3 (2) provides dynamic selection, in which sup-
4 pliers and products may be frequently updated, and
5 dynamic pricing, in which product prices may be fre-
6 quently updated;

7 (3) enables offers from multiple suppliers on
8 the same or similar products to be sorted or filtered
9 based on product and shipping price, delivery date,
10 and reviews of suppliers or products;

11 (4) does not feature or prioritize a product of
12 a supplier based on any compensation or fee paid to
13 the online marketplace by the supplier that is exclu-
14 sively for such featuring or prioritization on the on-
15 line marketplace;

16 (5) provides the capability for procurement
17 oversight controls, including spending limits, order
18 approval, and order tracking;

19 (6) provides consolidated invoicing, payment,
20 and customer service functions for all transactions;

21 (7) satisfies requirements for supplier and prod-
22 uct screening in subsection (d); and

23 (8) collects information necessary to fulfill the
24 information requirements in subsection (h).

1 (d) SUPPLIER AND PRODUCT SCREENING.—The Ad-
2 ministrator shall—

3 (1) provide or ensure electronic availability to
4 an online marketplace provider awarded a contract
5 pursuant to subsection (a), no less frequently than
6 the first day of each month—

7 (A) the list of suspended and debarred
8 contractors contained in the System of Award
9 Management maintained by the General Serv-
10 ices Administration, or any successor system;

11 (B) a list of suppliers, by product, that
12 certify compliance with the requirements of sec-
13 tion 2533a or 2533b of title 10, United States
14 Code;

15 (C) a list of suppliers, by product, that
16 comply with the requirements of, or are subject
17 to an exception under, chapter 83 of title 41,
18 United States Code;

19 (D) a list of suppliers, by product, with re-
20 spect to which the President has issued a waiv-
21 er under section 301 of the Trade Agreements
22 Act of 1979 (19 U.S.C. 2511);

23 (E) a list of products, by supplier, that are
24 suitable for the Federal Government to procure

1 pursuant to section 8503 of title 41, United
2 States Code; and

3 (F) a list of suppliers, by product, that are
4 small business concerns;

5 (2) conduct reviews of suppliers to establish the
6 lists required under paragraph (1);

7 (3) ensure that an online marketplace used
8 under the program established pursuant to sub-
9 section (a) provides the ability to search suppliers
10 and products and identify such suppliers and prod-
11 ucts as authorized or not authorized for purchase
12 during the procurement and order approval process
13 based on the most recent lists provided pursuant to
14 paragraph (1).

15 (e) RELATIONSHIP TO OTHER PROVISIONS OF
16 LAW.—(1) Notwithstanding any other provision of law, a
17 procurement of a product made through an online market-
18 place under the program established pursuant to sub-
19 section (a)—

20 (A) is deemed to satisfy requirements for full
21 and open competition pursuant to section 2304 of
22 title 10, United States Code, and section 3301 of
23 title 41, United States Code, if there are offers from
24 two or more suppliers of such a product or similar
25 product with substantially the same physical, func-

1 tional, or performance characteristics on the online
2 marketplace; and

3 (B) is deemed to be an award of a prime con-
4 tract for purposes of the goals established under sec-
5 tion 15(g) of the Small Business Act (15 U.S.C.
6 644(g)), if the purchase is from a supplier that is
7 a small business concern.

8 (2) Nothing in this subsection shall be construed as
9 limiting the authority of a department or agency to re-
10 strict competition to small business concerns.

11 (f) REQUIREMENT TO USE STANDARD TERMS AND
12 CONDITIONS OF ONLINE MARKETPLACES.—Notwith-
13 standing any other provision of law, a procurement of a
14 product through a commercial online marketplace used
15 under the program established pursuant to subsection (a)
16 shall be made under the standard terms and conditions
17 of the marketplace relating to purchasing on the market-
18 place, and the Administrator shall not require an online
19 marketplace to modify its standard terms and conditions
20 as a condition of receiving a contract pursuant to sub-
21 section (a).

22 (g) PROCEDURES FOR AWARD OF CONTRACT.—Not-
23 withstanding section 2304 of title 10, United States Code,
24 or any other provision of law, the award of a contract to

1 an online marketplace provider pursuant to subsection (a)
2 may be made without the use of full and open competition.

3 (h) ORDER INFORMATION.—

4 (1) IN GENERAL.—The Administrator shall re-
5 quire each online marketplace provider awarded a
6 contract pursuant to subsection (a) to provide to the
7 General Services Administration, not less frequently
8 than the first day of each month, the ability to elec-
9 tronically access the following information with re-
10 spect to each product ordered during the preceding
11 month:

12 (A) The product name and description.

13 (B) The date and time of the order.

14 (C) The product price.

15 (D) The person or entity within the de-
16 partment or agency that purchased the product
17 and, if appropriate, the official who authorized
18 the purchase.

19 (E) The delivery address specified in the
20 order for the product.

21 (F) The number of suppliers that offered
22 the same product or a similar product with sub-
23 stantially the same physical, functional, or per-
24 formance characteristics on the same date and
25 time that the product was ordered.

1 (2) DATA SYSTEM.—The Administrator shall
2 ensure that order information listed in paragraph
3 (1) is entered into the Federal Procurement Data
4 System described in section 1122 of title 41, United
5 States Code.

6 (i) LIMITATION ON INFORMATION DISCLOSURE.—In
7 any contract awarded to an online marketplace provider
8 pursuant to subsection (a), the Administrator shall require
9 that the provider agree not to sell or otherwise make avail-
10 able to any third party any of the information listed in
11 subsection (h)(1) in a manner that identifies the Federal
12 Government, or any of its departments or agencies, as the
13 purchaser, except with written consent of the Adminis-
14 trator.

15 (j) COMPTROLLER GENERAL REVIEW OF SMALL
16 BUSINESS PARTICIPATION.—

17 (1) REPORT REQUIREMENT.—Not later than
18 three years after a contract with an online market-
19 place provider is awarded pursuant to subsection
20 (a), the Comptroller General of the United States
21 shall submit to the committees listed in paragraph
22 (2) a report on small business participation in the
23 program established pursuant to subsection (a). The
24 report shall include—

1 (A) the number of small business concerns
2 that have registered or that have sold goods
3 with at least one online marketplace provider;

4 (B) trends in small business participation;

5 (C) the effect, if any, of the program on
6 the ability of agencies to meet goals established
7 under section 15(g) of the Small Business Act
8 (15 U.S.C. 644(g)); and

9 (D) a discussion of the limitations, if any,
10 to small business participation in the program.

11 (2) COMMITTEES.—The committees listed in
12 this paragraph are the following:

13 (A) The Committees on Armed Services of
14 the Senate and House of Representatives.

15 (B) The Committee on Homeland Security
16 and Governmental Affairs of the Senate and the
17 Committee on Oversight and Government Re-
18 form of the House of Representatives.

19 (C) The Committee on Small Business and
20 Entrepreneurship of the Senate and the Com-
21 mittee on Small Business of the House of Rep-
22 resentatives.

23 (k) DEFINITIONS.—In this section:

24 (1) ONLINE MARKETPLACE PROVIDER.—The
25 term “online marketplace provider” means a com-

1 mercial, non-Government entity providing an online
2 portal for the purchase of commercial products ag-
3 gregated, distributed, sold, or manufactured by such
4 entity. The term does not include an online portal
5 managed by the Government for, or predominantly
6 for use by, Government agencies.

7 (2) COMMERCIAL PRODUCT.—The term “com-
8 mercial product” means a commercially available off-
9 the-shelf item, as defined in section 104 of title 41,
10 United States Code, except the term does not in-
11 clude services.

12 (3) SMALL BUSINESS CONCERN.—The term
13 “small business concern” has the meaning given
14 such term under section 3 of the Small Business Act
15 (15 U.S.C. 632).

1 **SEC. 802 [Log 65245]. PERFORMANCE OF INCURRED COST**
2 **AUDITS.**

3 (a) PERFORMANCE OF INCURRED COST AUDITS.—
4 Chapter 137 of title 10, United States Code, is amended
5 by inserting after section 2313a the following new section:

6 **“§ 2313b. Performance of incurred cost audits**

7 “(a) COMPLIANCE WITH STANDARDS OF RISK AND
8 MATERIALITY.—For purposes of performing an incurred
9 cost audit of costs associated with a contract of the De-
10 partment of Defense, the Secretary of Defense shall com-
11 ply with commercially accepted standards of risk and ma-
12 teriality.

13 “(b) SELECTION OF AUDITING ENTITY TO PERFORM
14 INCURRED COST AUDITS.—(1) For an incurred cost audit
15 of a contract of the Department of Defense, the Defense
16 Contract Management Agency or a contract administra-
17 tion office of a military department shall have the author-
18 ity to select the Defense Contract Audit Agency or a quali-
19 fied private auditor to perform an incurred cost audit,
20 based upon guidelines that—

21 “(A) are issued by an audit planning committee
22 that is comprised of one representative from each of
23 the office of the Under Secretary of Defense for Ac-
24 quisition and Sustainment, the Defense Contract
25 Management Agency, a contract administration of-

1 fice of a military department, and the Defense Con-
2 tract Audit Agency;

3 “(B) ensure that, after September 1, 2020, not
4 less than 25 percent of incurred costs on flexibly
5 priced contracts are audited by qualified private
6 auditors; and

7 “(C) ensure that multi-year auditing is con-
8 ducted only to address outstanding incurred cost au-
9 dits for which a qualified incurred cost submission
10 was submitted to the Defense Contract Audit Agen-
11 cy more than 12 months before the date of the en-
12 actment of this section.

13 “(2)(A) Not later than September 1, 2020, the Sec-
14 retary of Defense shall award an indefinite delivery-indefi-
15 nite quantity task order contract to two or more qualified
16 private auditors to perform incurred cost audits of costs
17 associated with contracts of the Department of Defense.

18 “(B) The Defense Contract Management Agency, a
19 contract administration office of a military department, or
20 an authorized entity outside the Department of the De-
21 fense may issue a task order to perform an incurred cost
22 audit to a qualified private auditor under a task order con-
23 tract awarded under subparagraph (A). Such task order
24 may be issued only to a qualified private auditor that cer-

1 tifies that the qualified private auditor possesses the nec-
2 essary independence to perform such an audit.

3 “(C) The Defense Contract Audit Agency may not
4 conduct further audit or review of an incurred cost audit
5 performed by a qualified private auditor pursuant to this
6 section, unless requested to do so as part of conducting
7 contract quality assurance functions in accordance with
8 the Federal Acquisition Regulation.

9 “(3)(A) Effective September 1, 2022, the Defense
10 Contract Audit Agency may issue unqualified audit find-
11 ings for an incurred cost audit only if the Defense Con-
12 tract Audit Agency is peer reviewed by a commercial audi-
13 tor and passes such peer review. Such peer review shall
14 be conducted in accordance with the peer review require-
15 ments of the generally accepted government auditing
16 standards of the Comptroller General of the United States
17 and shall be deemed to meet the requirements of the De-
18 fense Contract Audit Agency for a peer review under such
19 standards.

20 “(B) The peer review referred to in subparagraph (A)
21 shall occur not less frequently than once every three years.

22 “(C) Not later than September 1, 2019, the Sec-
23 retary of Defense shall provide to the Committee on
24 Armed Services of the House of Representatives an update

1 on the process of securing a commercial auditor to per-
2 form the peer review referred to in subparagraph (A).

3 “(4) The Secretary of Defense shall consider the re-
4 sults of an incurred cost audit performed under this sec-
5 tion without regard to whether the Defense Contract
6 Audit Agency or a qualified private auditor performed the
7 audit.

8 “(5) The contracting officer for a contract that is the
9 subject of an incurred cost audit shall have the sole discre-
10 tion to accept or reject an audit finding on direct costs
11 of the contract.

12 “(c) MATERIALITY STANDARDS FOR INCURRED COST
13 AUDITS.—(1) Not later than September 1, 2020, and ex-
14 cept as provided in paragraph (2), the minimum materi-
15 ality standard used by an auditor shall—

16 “(A) for a incurred cost audit of costs in
17 an amount less than or equal to \$100,000, be
18 4 percent of such costs;

19 “(B) for a incurred cost audit of costs in
20 an amount greater than \$100,000 but less than
21 \$500,000, be \$2,000 plus 2 percent of such
22 costs;

23 “(C) for a incurred cost audit of costs in
24 an amount greater than \$500,000 but less than

1 \$1,000,000, be \$5,000 plus 1 percent of such
2 costs;

3 “(D) for a incurred cost audit of costs in
4 an amount greater than \$1,000,000 but less
5 than \$5,000,000, be \$8,000 plus 0.9 percent of
6 such costs;

7 “(E) for a incurred cost audit of costs in
8 an amount greater than \$5,000,000 but less
9 than \$10,000,000, be \$13,000 plus 0.8 percent
10 of such costs;

11 “(F) for a incurred cost audit of costs in
12 an amount greater than \$10,000,000 but less
13 than \$50,000,000, be \$23,000 plus 0.7 percent
14 of such costs;

15 “(G) for a incurred cost audit of costs in
16 an amount greater than \$50,000,000 but less
17 than \$100,000,000, be \$73,000 plus 0.6 per-
18 cent of such costs;

19 “(H) for a incurred cost audit of costs in
20 an amount greater than \$100,000,000 but less
21 than \$500,000,000, be \$153,000 plus 0.52 per-
22 cent of such costs; and

23 “(I) for a incurred cost audit of costs in an
24 amount greater than \$500,000,000, be
25 \$503,000 plus 0.45 percent of such costs.

1 “(2) An auditor that performs an incurred cost audit
2 under this section may use a materiality standard of a
3 lesser amount than the materiality standard described
4 under paragraph (1) with respect to a particular qualified
5 incurred cost submission from a contractor based on an
6 assessment of risk presented by such qualified incurred
7 cost submission. The risk shall be assessed by the auditor
8 in accordance with generally accepted government audit-
9 ing standards and guidance issued by the Secretary of De-
10 fense.

11 “(3) Not later than March 1, 2019, the Comptroller
12 General of the United States shall submit to the congres-
13 sional defense committees a report on practices for assess-
14 ing risk and materiality in auditing, which shall include—

15 “(A) a summary of commercially accepted
16 standards of risk and materiality and Government
17 standards for risk and materiality as related to in-
18 curred cost audits;

19 “(B) examples of how commercial auditing
20 firms apply such standards in developing methodolo-
21 gies for conducting incurred cost audits; and

22 “(C) recommendations, if appropriate, to mod-
23 ify the minimum materiality standards under para-
24 graph (1) to be consistent with commercially accept-
25 ed standards of risk and materiality.

1 “(4) Not later than September 1, 2019, and every
2 5 years thereafter, the Secretary of Defense shall submit
3 to the congressional defense committees a report on com-
4 mercially accepted standards of risk and materiality as re-
5 lated to incurred cost audits. The report may contain rec-
6 ommendations to modify the materiality standards under
7 paragraph (1) to be consistent with such commercially ac-
8 cepted standards of risk and materiality.

9 “(d) TIMELINESS OF INCURRED COST AUDITS.—(1)
10 The Secretary of Defense shall ensure that all incurred
11 cost audits performed pursuant to subsection (b) are per-
12 formed in a timely manner.

13 “(2) The Secretary of Defense shall notify a con-
14 tractor within 60 days after receipt of an incurred cost
15 submission from the contractor whether the submission is
16 a qualified incurred cost submission.

17 “(3) With respect to qualified incurred cost submis-
18 sions received on or after the date of the enactment of
19 this section, audit findings shall be issued for an incurred
20 cost audit not later than one year after the date of receipt
21 of such qualified incurred cost submission.

22 “(4) If audit findings are not issued within one year
23 after the date of receipt of a qualified incurred cost sub-
24 mission, such qualified incurred cost submission shall be
25 considered accepted in its entirety unless the Secretary of

1 Defense can demonstrate that the contractor unreasonably
2 withheld information necessary to perform the incurred
3 cost audit.

4 “(e) REVIEW OF AUDIT PERFORMANCE.—Not later
5 than April 1, 2025, the Comptroller General of the United
6 States shall provide a report to the congressional defense
7 committees that evaluates for the period beginning on
8 September 1, 2020, and ending on August 31, 2023—

9 “(1) the timeliness, individual cost, and quality
10 of incurred cost audits, set forth separately by in-
11 curred cost audits performed by the Defense Con-
12 tract Audit Agency and by qualified private auditors;

13 “(2) the cost to contractors of the Department
14 of Defense for incurred cost audits, set forth sepa-
15 rately by incurred cost audits performed by the De-
16 fense Contract Audit Agency and by qualified pri-
17 vate auditors;

18 “(3) the effect, if any, on other types of audits
19 conducted by the Defense Contract Audit Agency
20 that results from incurred cost audits conducted by
21 qualified private auditors; and

22 “(4) the capability and capacity of commercial
23 auditors to conduct incurred cost audits for the De-
24 partment of Defense.

25 “(f) DEFINITIONS.—In this section:

1 “(1) The term ‘commercial auditor’ means a
2 private entity engaged in the business of performing
3 audits.

4 “(2) The term ‘flexibly priced contract’
5 means—

6 “(A) a cost-type contract, fixed-price in-
7 centive fee contract, or price-redeterminable
8 contract, or a task order issued under an indefi-
9 nite delivery-indefinite quantity task order con-
10 tract, for which final payment is based on ac-
11 tual costs incurred; or

12 “(B) the materials portion of a time-and-
13 materials contract or labor-hour contract of the
14 Department of Defense.

15 “(3) The term ‘incurred cost audit’ means an
16 audit of charges to the Government by a contractor
17 under a flexibly priced contract.

18 “(4) The term ‘materiality standard’ means a
19 dollar amount of misstatements, including omissions,
20 contained in an incurred cost audit that would be
21 material if the misstatements, individually or in the
22 aggregate, could reasonably be expected to influence
23 the economic decisions of the Government made on
24 the basis of the incurred cost audit.

1 “(5) The term ‘qualified incurred cost submis-
2 sion’ means a submission by a contractor of costs in-
3 curred under a flexibly priced contract that has been
4 qualified by the Department of Defense as sufficient
5 to conduct an incurred cost audit.

6 “(6) The term ‘qualified private auditor’ means
7 a commercial auditor—

8 “(A) that performs audits in accordance
9 with generally accepted government auditing
10 standards of the Comptroller General of the
11 United States; and

12 “(B) that has received a passing peer re-
13 view rating, as defined under the generally ac-
14 cepted government auditing standards.”.

15 (b) CLERICAL AMENDMENT.—The table of sections
16 at the beginning of such chapter is amended by inserting
17 after the item relating to section 2313a the following new
18 item:

 “2313b. Performance of incurred cost audits.”.

1 **SEC. 803 [Log 64852]. MODIFICATIONS TO COST OR PRICING**
2 **DATA AND REPORTING REQUIREMENTS.**

3 (a) MODIFICATIONS TO SUBMISSIONS OF COST OR
4 PRICING DATA.—

5 (1) TITLE 10.—Subsection (a) of section 2306a
6 of title 10, United States Code, is amended—

7 (A) by striking “December 5, 1990” each
8 place it appears and inserting “June 30, 2018”;

9 (B) by striking “December 5, 1991” each
10 place it appears and inserting “July 1, 2018”;

11 (C) by striking “\$100,000” each place it
12 appears and inserting “\$750,000”;

13 (D) in paragraph (1)—

14 (i) in subparagraphs (A)(i), (B)(i),
15 (C)(i), (C)(ii), and (D)(i), by striking
16 “\$500,000” and inserting “\$2,500,000”;
17 and

18 (ii) in subparagraph (B)(ii), by strik-
19 ing “\$500,000” and inserting “\$750,000”;

20 (E) in paragraph (6), by striking “Decem-
21 ber 5, 1990” and inserting “June 30, 2018”;
22 and

23 (F) in paragraph (7), by striking “to the
24 amount” and all that follows through “higher
25 multiple of \$50,000.” and inserting “in accord-
26 ance with section 1908 of title 41.”.

1 (2) TITLE 41.—Section 3502 of title 41, United
2 States Code, is amended—

3 (A) in subsection (a)—

4 (i) by striking “October 13, 1994”
5 each place it appears and inserting “June
6 30, 2018”;

7 (ii) by striking “\$100,000” each place
8 it appears and inserting “\$750,000”;

9 (iii) in paragraphs (1)(A), (2)(A),
10 (3)(A), (3)(B), and (4)(A), by striking
11 “\$500,000” and inserting “\$2,500,000”;
12 and

13 (iv) in paragraph (2)(B), by striking
14 “\$500,000” and inserting “\$750,000”;

15 (B) in subsection (f), by striking “October
16 13, 1994” and inserting “June 30, 2018”; and

17 (C) in subsection (g), by striking “to the
18 amount” and all that follows through “higher
19 multiple of \$50,000.” and inserting “in accord-
20 ance with section 1908.”.

21 (b) MODIFICATION TO AUTHORITY TO REQUIRE SUB-
22 MISSION.—Paragraph (1) of section 2306a(d) of title 10,
23 United States Code, is amended by striking “the con-
24 tracting officer shall require submission of” and all the
25 follows through “to the extent necessary” and inserting

1 “the offeror shall be required to submit to the contracting
2 officer data other than certified cost or pricing data (if
3 requested by the contracting officer), to the extent nec-
4 essary”.

5 (c) COMPTROLLER GENERAL REVIEW OF MODIFICA-
6 TIONS TO COST OR PRICING DATA SUBMISSION REQUIRE-
7 MENTS.—Not later than March 1, 2022, the Comptroller
8 General of the United States shall submit to the congres-
9 sional defense committees a report on the implementation
10 and effect of the amendments made by subsections (a) and
11 (b).

12 (d) REQUIREMENTS FOR DEFENSE CONTRACT
13 AUDIT AGENCY REPORT.—

14 (1) IN GENERAL.—Section 2313a of title 10,
15 United States Code, is amended—

16 (A) in subsection (a)(2)—

17 (i) in subparagraph (A)—

18 (I) by inserting “and dollar
19 value” after “number”; and

20 (II) by inserting “, set forth sep-
21 arately by type of audit” after “pend-
22 ing”;

23 (ii) in subparagraph (C), by inserting
24 “, both from the date of receipt of a quali-

1 fied incurred cost submission and from the
2 date the audit begins” after “audit”;

3 (iii) by amending subparagraph (D) to
4 read as follows:

5 “(D) the sustained questioned costs, set
6 forth separately by type of audit, both as a
7 total value and as a percentage of the total
8 questioned costs for the audit;”;

9 (iv) by striking subparagraph (E);
10 and

11 (v) by inserting after subparagraph
12 (D) the following new subparagraphs:

13 “(E) the total number and dollar value of
14 incurred cost audits completed, and the method
15 by which such incurred cost audits were com-
16 pleted;

17 “(F) the aggregate cost of performing au-
18 dits, set forth separately by type of audit;

19 “(G) the ratio of sustained questioned
20 costs to the aggregate costs of performing au-
21 dits, set forth separately by type of audit; and

22 “(H) the total number and dollar value of
23 audits that are pending for a period longer than
24 one year as of the end of the fiscal year covered
25 by the report, and the fiscal year in which the

1 qualified submission was received, set forth sep-
2 arately by type of audit;” and

3 (B) by adding at the end the following new
4 subsection:

5 “(d) DEFINITIONS.—

6 “(1) The terms ‘incurred cost audit’ and ‘quali-
7 fied incurred cost submission’ have the meaning
8 given those terms in section 2313b of this title.

9 “(2) The term ‘sustained questioned costs’
10 means questioned costs that were recovered by the
11 Federal Government as a result of contract negotia-
12 tions related to such questioned costs.”.

13 (2) EXEMPTION TO REPORT TERMINATION RE-
14 QUIREMENTS.—Section 1080 of the National De-
15 fense Authorization Act for Fiscal Year 2016 (Pub-
16 lic Law 114–92; 129 Stat. 1000; 10 U.S.C. 111
17 note), as amended by section 1061(j) of the National
18 Defense Authorization Act for Fiscal Year 2017
19 (Public Law 114–328), does not apply to the report
20 required to be submitted to Congress under section
21 2313a of title 10, United States Code.

22 (e) ADJUSTMENT TO VALUE OF COVERED CON-
23 TRACTS FOR REQUIREMENTS RELATING TO ALLOWABLE
24 COSTS.—Subparagraph (B) of section 2324(l)(1) of title
25 10, United States Code, is amended by striking “to the

1 equivalent” and all that follows through “higher multiple
2 of \$50,000.” and inserting “in accordance with section
3 1908 of title 41.”.

1 **PART II—EARLY INVESTMENTS IN ACQUISITION**
2 **PROGRAMS**

3 **SEC. 811 [Log 64819]. REQUIREMENT TO EMPHASIZE RELI-**
4 **ABILITY AND MAINTAINABILITY IN WEAPON**
5 **SYSTEM DESIGN.**

6 (a) SUSTAINMENT FACTORS IN WEAPON SYSTEM
7 DESIGN.—

8 (1) IN GENERAL.—Chapter 144 of title 10,
9 United States Code, is amended by adding at the
10 end the following new section:

11 **“§ 2442. Sustainment factors in weapon system design**

12 “(a) IN GENERAL.—The Secretary of Defense shall
13 ensure that the defense acquisition system gives ample em-
14 phasis to sustainment factors, particularly those factors
15 that are affected principally by the design of a weapon
16 system, in the development of a weapon system.

17 “(b) REQUIREMENTS PROCESS.—The Secretary shall
18 ensure that reliability and maintainability are included in
19 the performance attributes of the key performance param-
20 eter on sustainment during the development of capabilities
21 requirements.

22 “(c) SOLICITATION AND AWARD OF CONTRACTS.—

23 “(1) REQUIREMENT.—The program manager of
24 a weapon system shall include in the solicitation for
25 and terms of a covered contract for the weapon sys-
26 tem clearly defined and measurable requirements for

1 engineering activities and design specifications for
2 reliability and maintainability.

3 “(2) EXCEPTION.—If the program manager de-
4 termines that engineering activities and design speci-
5 fications for reliability or maintainability should not
6 be a requirement in a covered contract, the program
7 manager shall document in writing the justification
8 for the decision.

9 “(3) SOURCE SELECTION CRITERIA.—The Sec-
10 retary shall ensure that sustainment factors, includ-
11 ing reliability and maintainability, are given ample
12 emphasis in the process for source selection. The
13 Secretary shall encourage the use of objective reli-
14 ability and maintainability criteria in the evaluation
15 of competitive proposals.

16 “(d) CONTRACT PERFORMANCE.—

17 “(1) IN GENERAL.—The Secretary shall ensure
18 that the Department of Defense uses best practices
19 for responding to the positive or negative perform-
20 ance of a contractor in meeting the sustainment re-
21 quirements of a covered contract for a weapon sys-
22 tem. The Secretary shall encourage the use of incen-
23 tive fees authorized in paragraph (2) in all covered
24 contracts for weapons systems. The Secretary shall
25 take the necessary actions to enable program offices

1 to execute the recovery options required for each
2 covered contract under paragraph (3).

3 “(2) AUTHORITY FOR INCENTIVE FEES.—The
4 Secretary of Defense is authorized to pay an incen-
5 tive fee to a contractor that exceeds the design speci-
6 fication requirements for reliability or maintain-
7 ability for a covered contract. In exercising the au-
8 thority provided in this paragraph, the Secretary
9 may provide in the terms of the contract for the
10 payment of an incentive fee to a contractor not later
11 than the date of acceptance of the last item under
12 the contract.

13 “(3) RECOVERY OPTIONS.—(A) Any covered
14 contract for a weapon system shall include terms for
15 amounts to be paid by the contractor to the Govern-
16 ment for failure to meet the design specification re-
17 quirements for reliability and maintainability of the
18 contract by the date of acceptance of the last item
19 under the contract. Terms for such amounts shall be
20 included in the solicitation for the contract. Such
21 terms shall include provisions providing that—

22 “(i) the contractor, at no or minimal cost
23 to the Government as determined by the Sec-
24 retary and included in the contract, identifies
25 the cause of the failure in the system design,

1 develops an engineering change, and, in the
2 case of a production contract, modifies all end
3 items to be delivered or already delivered under
4 the contract; or

5 “(ii) the contractor provides the Govern-
6 ment—

7 “(I) a refund in the amount required
8 to identify the cause of the failure in the
9 system design, develop an engineering
10 change, and modify all end items delivered
11 under the contract; and

12 “(II) associated technical data re-
13 quired to make the necessary modifica-
14 tions.

15 “(B) The Secretary may waive the requirement
16 in subparagraph (A) with respect to a covered con-
17 tract if the Secretary determines that such require-
18 ment is not in the national security interests of the
19 United States.

20 “(4) MEASUREMENT OF RELIABILITY AND
21 MAINTAINABILITY.—In carrying out paragraphs (2)
22 and (3), the program manager shall base determina-
23 tions of a contractor’s performance on reliability and
24 maintainability data collected during developmental
25 testing and operational testing.

1 “(e) COVERED CONTRACT DEFINED.—In this sec-
2 tion, the term ‘covered contract’, with respect to a weapon
3 system, means a contract—

4 “(1) for the engineering and manufacturing de-
5 velopment of a weapon system; or

6 “(2) for the production of a weapon system.”.

7 (2) CLERICAL AMENDMENT.—The table of sec-
8 tions at the beginning of subchapter I of such chap-
9 ter is amended by adding at the end the following
10 new item:

“2442. Sustainment factors in weapon system design.”.

11 (b) EFFECTIVE DATE FOR CERTAIN PROVISIONS.—
12 Subsections (c) and (d) of section 2442 of title 10, United
13 States Code, as added by subsection (a), shall apply with
14 respect to any covered contract (as defined in that section)
15 for which the contract solicitation is issued on or after
16 the date occurring one year after the date of the enact-
17 ment of this Act.

18 (c) INVESTMENT PROGRAM AUTHORIZED.—

19 (1) IN GENERAL.—The Secretary of Defense
20 shall establish an investment program for funding
21 engineering changes to the design of a weapon sys-
22 tem in the engineering and manufacturing develop-
23 ment phase or in the production phase of an acquisi-
24 tion program to improve reliability or maintain-
25 ability of the weapon system and reduce projected

1 operating and support costs. The program may be
2 funded from the Defense Modernization Account au-
3 thorized in section 2216 of title 10, United States
4 Code. A program manager may apply for available
5 funds by presenting a business case analysis of the
6 anticipated return on investment of such funds.

7 (2) BRIEFING REQUIRED.—Not later than 180
8 days after the date of the enactment of this Act, the
9 Secretary of Defense, in consultation with the Secre-
10 taries of the military departments, shall provide a
11 briefing to the Committees on Armed Services in the
12 Senate and the House of Representatives on an im-
13 plementation plan for the program authorized under
14 paragraph (1). The implementation plan shall set
15 forth the process by which program managers apply
16 for available funds, including information on the val-
17 idation of business case analyses and the evaluation
18 of applications. The briefing shall also include the
19 results of a review of past or existing programs to
20 improve reliability and maintainability and reduce
21 operating and support costs of weapon systems, an
22 assessment of best practices and lessons learned
23 from these programs, and an assessment of the op-
24 portunities for consolidation of existing similar pro-
25 grams.

1 **SEC. 812 [Log 64829]. LICENSING OF APPROPRIATE INTEL-**
2 **LECTUAL PROPERTY TO SUPPORT MAJOR**
3 **WEAPON SYSTEMS.**

4 (a) NEGOTIATION OF PRICE FOR TECHNICAL DATA
5 BEFORE DEVELOPMENT OR PRODUCTION OF MAJOR
6 WEAPON SYSTEM.—

7 (1) REQUIREMENT.—Chapter 144 of title 10,
8 United States Code, is amended by inserting after
9 section 2438 the following new section:

10 **“§ 2439. Negotiation of price for technical data before**
11 **development or production of major**
12 **weapon systems**

13 “The Secretary of Defense shall ensure that the De-
14 partment of Defense, before selecting a contractor for the
15 engineering and manufacturing development of a major
16 weapon system, or for the production of a major weapon
17 system, negotiates a price for technical data to be deliv-
18 ered under a contract for such development or produc-
19 tion.”.

20 (2) CLERICAL AMENDMENT.—The table of sec-
21 tions at the beginning of such chapter is amended
22 by inserting after the item relating to section 2438
23 the following new item:

“2439. Negotiation of price for technical data before development or production
of major weapon systems.”.

1 (3) EFFECTIVE DATE.—Section 2439 of title
2 10, United States Code, as added by paragraph (1),
3 shall apply with respect to any contract for engineer-
4 ing and manufacturing development of a major
5 weapon system, or for the production of a major
6 weapon system, for which the contract solicitation is
7 issued on or after the date occurring one year after
8 the date of the enactment of this Act.

9 (b) WRITTEN DETERMINATION FOR MILESTONE B
10 APPROVAL.—

11 (1) IN GENERAL.—Subsection (a)(3) of section
12 2366b of title 10, United States Code, is amended—

13 (A) by striking “and” at the end of sub-
14 paragraph (M); and

15 (B) by inserting after subparagraph (N)
16 the following new subparagraph:

17 “(O) appropriate actions have been taken
18 to negotiate and enter into a contract or con-
19 tract options for the technical data required to
20 support the program; and”.

21 (2) EFFECTIVE DATE.—Section 2366b(a)(3)(O)
22 of title 10, United States Code, as added by para-
23 graph (1), shall apply with respect to any major de-
24 fense acquisition program receiving Milestone B ap-

1 proval on or after the date occurring one year after
2 the date of the enactment of this Act.

3 (c) PREFERENCE FOR NEGOTIATION OF CUS-
4 TOMIZED LICENSE AGREEMENTS.—Section 2320 of title
5 10, United States Code, is amended—

6 (1) by redesignating subsections (f) and (g) as
7 subsections (g) and (h), respectively; and

8 (2) by inserting after subsection (e) the fol-
9 lowing new subsection (f):

10 “(f) PREFERENCE FOR SPECIALLY NEGOTIATED LI-
11 CENSES.—The Secretary of Defense shall, to the max-
12 imum extent practicable, negotiate and enter into a con-
13 tract with a contractor for a specially negotiated license
14 for technical data to support the product support strategy
15 of a major weapon system or subsystem of a major weapon
16 system. In performing the assessment and developing the
17 corresponding strategy required under subsection (e) for
18 such a system or subsystem, a program manager shall
19 consider the use of specially negotiated licenses to acquire
20 customized technical data appropriate for the particular
21 elements of the product support strategy.”.

1 **SEC. 813 [Log 64831]. MANAGEMENT OF INTELLECTUAL**
2 **PROPERTY MATTERS WITHIN THE DEPART-**
3 **MENT OF DEFENSE.**

4 (a) MANAGEMENT OF INTELLECTUAL PROPERTY.—

5 (1) IN GENERAL.—Chapter 137 of title 10,
6 United States Code, is amended by inserting after
7 section 2321 the following new section:

8 **“§ 2322. Management of intellectual property matters**
9 **within the Department of Defense**

10 “(a) OFFICE AND DIRECTOR OF INTELLECTUAL
11 PROPERTY.—(1) There is an Office of Intellectual Prop-
12 erty within the Office of the Under Secretary of Defense
13 for Acquisition and Sustainment.

14 “(2) The Office shall be headed by a Director of In-
15 tellectual Property, who shall have the qualifications de-
16 scribed in paragraph (3). The Director is responsible in
17 the Department of Defense to the Under Secretary of De-
18 fense for Acquisition and Sustainment for policy and over-
19 sight of the acquisition and licensing of intellectual prop-
20 erty within the Department of Defense. The Director shall
21 report directly to the Under Secretary.

22 “(3) In order to qualify to be assigned to the position
23 of Director, an individual shall—

24 “(A) have management expertise in, and profes-
25 sional experience with, intellectual property matters,
26 including an understanding of intellectual property

1 law, regulations, and policies, especially with respect
2 to regulations and policies of the Federal Govern-
3 ment and the Department of Defense for acquiring
4 or licensing intellectual property, and best practices
5 for negotiating and executing business arrangements
6 with industry for the acquisition or licensing of intel-
7 lectual property;

8 “(B) have an understanding of Department of
9 Defense weapon system acquisition; and

10 “(C) have an understanding of the commercial
11 marketplace; commercial industry operations, includ-
12 ing supply chain operations; business strategies; and
13 private investment in research and development.

14 “(4) The Secretary of Defense shall designate the po-
15 sition of Director as a critical acquisition position under
16 section 1733(b)(1)(C) of this title.

17 “(b) DUTIES.—(1) The Director of Intellectual Prop-
18 erty (in this section referred to as the ‘Director’) shall
19 oversee and coordinate efforts throughout the Department
20 of Defense to acquire or license intellectual property with-
21 in the Department of Defense. The duties under this para-
22 graph shall include the duties specified in paragraphs (2)
23 through (8).

1 “(2) The Director shall develop and recommend any
2 policy guidance on the acquisition or licensing of intellec-
3 tual property to be issued by the Secretary of Defense.

4 “(3) The Director shall provide oversight and coordi-
5 nation of the efforts within the Department of Defense
6 to acquire or license intellectual property—

7 “(A) to ensure that program managers are
8 aware of the rights afforded the Federal Government
9 and contractors in intellectual property and that
10 program managers fully consider and use all avail-
11 able techniques and best practices for acquiring or
12 licensing intellectual property early in the acquisition
13 process;

14 “(B) to enable consistency across the military
15 departments and the Department of Defense in
16 strategies for obtaining intellectual property and
17 communicating with industry; and

18 “(C) to raise awareness within the acquisition,
19 science and technology, and logistics communities
20 within the Department of intellectual property
21 issues.

22 “(4) The Director shall assist program managers in
23 developing customized intellectual property strategies for
24 each weapon system based on, at a minimum, the unique
25 characteristics of the weapon system and its components,

1 the product support strategy for the weapon system, the
2 organic industrial base strategy of the military department
3 concerned, and the commercial market.

4 “(5) The Director shall develop resources, including
5 guidelines on intellectual property matters and, as appro-
6 priate, templates for specially negotiated licenses, and
7 make them available to the acquisition workforce.

8 “(6) The Director shall establish, maintain, super-
9 vise, and assign to program offices the cadre of intellectual
10 property experts established under subsection (c).

11 “(7) The Director, in coordination with the Defense
12 Acquisition University and in consultation with industry,
13 shall—

14 “(A) develop a career path, including develop-
15 ment opportunities, talent management programs,
16 and training, for the cadre of intellectual property
17 experts established under subsection (c); and

18 “(B) develop, update, and coordinate intellec-
19 tual property training provided to the acquisition
20 workforce.

21 “(8) The Director shall foster communications with
22 industry and serve as a central point of contact within
23 the Department of Defense for communications with con-
24 tractors on intellectual property matters. The Director
25 may interact directly with industry, trade associations,

1 other Government agencies, academic research and edu-
2 cational institutions, and scientific organizations engaged
3 in intellectual property matters.

4 “(c) CADRE OF INTELLECTUAL PROPERTY EX-
5 PERTS.—(1) The Director shall establish within the Office
6 of Intellectual Property a cadre of personnel who are ex-
7 perts in intellectual property matters. The purpose of the
8 cadre is to ensure a consistent, strategic, and highly
9 knowledgeable approach to acquiring or licensing intellec-
10 tual property by providing expert advice, assistance, and
11 resources to the acquisition workforce on intellectual prop-
12 erty matters, including acquiring or licensing intellectual
13 property.

14 “(2) The cadre of experts shall be assigned to a weap-
15 ons system program office or an acquisition command
16 within a military department to advise, assist, and provide
17 resources to a program manager or program executive of-
18 ficer on intellectual property matters at various stages of
19 the life cycle of a weapon system. In performing such du-
20 ties, the experts shall—

21 “(A) interpret and provide counsel on laws, reg-
22 ulations, and policies relating to intellectual prop-
23 erty;

1 “(B) advise and assist in the development of an
2 acquisition strategy, product support strategy, and
3 intellectual property strategy for a weapon system;

4 “(C) conduct or assist with financial analysis
5 and valuation of intellectual property;

6 “(D) assist in the drafting of a contract solici-
7 tation or contract;

8 “(E) interact with or assist in interactions with
9 contractors, including communications and negotia-
10 tions with contractors on contract solicitations and
11 contract awards; and

12 “(F) conduct or assist with mediation if tech-
13 nical data delivered pursuant to a contract is incom-
14 plete or does not comply with the terms of the con-
15 tract.

16 “(3)(A) In order to achieve the purpose set forth in
17 paragraph (1), the Director shall ensure the cadre has the
18 appropriate number of staff and such staff possesses the
19 necessary skills, knowledge, and experience to carry out
20 the duties under paragraph (2), including in relevant
21 areas of law, contracting, acquisition, logistics, engineer-
22 ing, financial analysis, and valuation. The Director may
23 use existing authorities to staff the cadre, including those
24 in subparagraphs (B), (C), (D), and (F).

1 “(B) Civilian personnel from within the Office of the
2 Secretary of Defense, Joint Staff, military departments,
3 Defense Agencies, and combatant commands may be as-
4 signed to serve as members of the cadre, upon request of
5 the Director.

6 “(C) The Director may use the authorities for highly
7 qualified experts under section 9903 of title 5, to hire ex-
8 perts as members of the cadre who are skilled profes-
9 sionals in intellectual property and related matters.

10 “(D) The Director may enter into a contract with a
11 private-sector entity for specialized expertise to support
12 the cadre. Such entity may be considered a covered Gov-
13 ernment support contractor, as defined in section 2320 of
14 this title.

15 “(E) In establishing the cadre, the Director shall give
16 preference to civilian employees of the Department of De-
17 fense, rather than members of the armed forces, to main-
18 tain continuity in the cadre.

19 “(F) The Director is authorized to use funding from
20 the Defense Acquisition Workforce Development Fund for
21 the purpose of recruitment, training, and retention of the
22 cadre, including paying salaries of newly hired members
23 of the cadre for up to three years.

24 “(G) Members of the cadre shall report to the Direc-
25 tor.”.

1 (2) CLERICAL AMENDMENT.—The table of sec-
2 tions at the beginning of such chapter is amended
3 by adding at the end the following new item:

 “2322. Management of intellectual property matters within the Department of
 Defense.”.

4 (b) PLACEMENT IN THE OFFICE OF THE SECRETARY
5 OF DEFENSE.—Subsection 131(b)(8) of title 10, United
6 States Code, is amended by adding at the end the fol-
7 lowing new subparagraph:

8 “(J) The Director of the Office of Intellec-
9 tual Property assigned pursuant to section
10 2322(a) of this title.”.

11 (c) ADDITIONAL ACQUISITION POSITION.—Sub-
12 section 1721(b) of title 10, United States Code, is amend-
13 ed by adding at the end the following new paragraph:

14 “(12) Intellectual property.”.

15 (d) REVIEW OF ACQUISITION WORKFORCE TRAIN-
16 ING.—Not later than one year after the date of the enact-
17 ment of this Act, the Secretary of Defense shall revise the
18 education and training programs provided to the acquisi-
19 tion workforce under chapter 87 of title 10, United States
20 Code—

21 (1) to ensure the acquisition workforce main-
22 tains a basic familiarity with the fundamental as-
23 pects of the acquisition and licensing of intellectual
24 property; and

1 (2) to establish and maintain advanced exper-
2 tise in the acquisition and licensing of intellectual
3 property to staff the cadre of intellectual property
4 experts required under section 2322 of title 10,
5 United States Code, as added by subsection (a).

1 **SEC. 814 [Log 64817]. IMPROVEMENT OF PLANNING FOR AC-**
2 **QUISITION OF SERVICES.**

3 (a) IN GENERAL.—

4 (1) IMPROVEMENT OF PLANNING FOR ACQUISITION OF SERVICES.—Chapter 137 of title 10, United
5 States Code, is amended by inserting after section
6 2328 the following new section:
7

8 **“§ 2329. Procurement of services: data analysis and**
9 **requirements validation**

10 “(a) IN GENERAL.—The Secretary of Defense shall
11 ensure that—

12 “(1) appropriate and sufficiently detailed data
13 are collected and analyzed to support the validation
14 of requirements for services contracts and inform
15 the planning, programming, budgeting, and execu-
16 tion process of the Department of Defense;

17 “(2) requirements for services contracts are
18 evaluated appropriately and in a timely manner to
19 inform decisions regarding the procurement of serv-
20 ices; and

21 “(3) decisions regarding the procurement of
22 services consider available resources and total force
23 management policies and procedures.

24 “(b) SPECIFICATION OF AMOUNTS REQUESTED IN
25 BUDGET.—Effective October 1, 2022, the Secretary of
26 Defense shall annually submit to Congress information on

1 services contracts that clearly and separately identifies the
2 amount requested for each category of services to be pro-
3 cured for each Defense Agency, Department of Defense
4 Field Activity, command, or military installation. Such in-
5 formation shall—

6 “(1) be submitted at or about the time of the
7 budget submission by the President under section
8 1105(a) of title 31;

9 “(2) cover the fiscal year covered by such budg-
10 et submission by the President;

11 “(3) be consistent with total amounts of esti-
12 mated expenditures and proposed appropriations
13 necessary to support the programs, projects, and ac-
14 tivities of the Department of Defense included in
15 such budget submission by the President for that
16 fiscal year; and

17 “(4) be organized using a common enterprise
18 data structure developed under section 2222 of this
19 title.

20 “(c) DATA ANALYSIS.—(1) Each Secretary of a mili-
21 tary department shall regularly analyze past spending pat-
22 terns and anticipated future requirements with respect to
23 the procurement of services within such military depart-
24 ment.

1 “(2)(A) The Secretary of Defense shall regularly ana-
2 lyze past spending patterns and anticipated future re-
3 quirements with respect to the procurement of services—

4 “(i) within each Defense Agency and Depart-
5 ment of Defense Field Activity; and

6 “(ii) across military departments, Defense
7 Agencies, and Department of Defense Field Activi-
8 ties.

9 “(B) The Secretaries of the military departments
10 shall make data on services contracts available to the Sec-
11 retary of Defense for purposes of conducting the analysis
12 required under subparagraph (A).

13 “(3) The analyses conducted under this subsection
14 shall—

15 “(A) identify contracts for similar services that
16 are procured for three or more consecutive years at
17 each Defense Agency, Department of Defense Field
18 Activity, command, or military installation;

19 “(B) evaluate patterns in the procurement of
20 services, to the extent practicable, at each Defense
21 Agency, Department of Defense Field Activity, com-
22 mand, or military installation and by category of
23 services procured;

1 “(C) be used to validate requirements for serv-
2 ices contracts entered into after the date of the en-
3 actment of this subsection; and

4 “(D) be used to inform decisions on the award
5 of and funding for such services contracts.

6 “(d) REQUIREMENTS EVALUATION.—Each Services
7 Requirements Review Board shall evaluate each require-
8 ment for a services contract, taking into consideration
9 total force management policies and procedures, available
10 resources, the analyses conducted under subsection (c),
11 and contracting efficacy and efficiency. An evaluation of
12 a services contract for compliance with contracting policies
13 and procedures may not be considered to be an evaluation
14 of a requirement for such services contract.

15 “(e) TIMELY PLANNING TO AVOID BRIDGE CON-
16 TRACTS.—(1) Effective October 1, 2018, the Secretary of
17 Defense shall ensure that a requirements owner shall, to
18 the extent practicable, plan appropriately before the date
19 of need of a service at a Defense Agency, Department of
20 Defense Field Activity, command, or military installation
21 to avoid the use of a bridge contract to provide for con-
22 tinuation of a service to be performed through a services
23 contract. Such planning shall include allowing time for a
24 requirement to be validated, a services contract to be en-

1 tered into, and funding for the services contract to be se-
2 cured.

3 “(2)(A) Upon the first use, due to inadequate plan-
4 ning (as determined by the Secretary of Defense), of a
5 bridge contract to provide for continuation of a service to
6 be performed through a services contract, the require-
7 ments owner, along with the contracting officer or a des-
8 ignee of the contracting officer for the contract, shall—

9 “(i) for a services contract in an amount less
10 than \$10,000,000, provide an update on the status
11 of the bridge contract (including the rationale for
12 using the bridge contract) to the commander or the
13 senior civilian official of the Defense Agency con-
14 cerned, Department of Defense Field Activity con-
15 cerned, command concerned, or military installation
16 concerned, as applicable; or

17 “(ii) for a services contract in an amount equal
18 to or greater than \$10,000,000, provide an update
19 on the status of the bridge contract (including the
20 rationale for using the bridge contract) to the service
21 acquisition executive for the military department
22 concerned, the head of the Defense Agency con-
23 cerned, the combatant commander concerned, or the
24 Under Secretary of Defense for Acquisition and
25 Sustainment, as applicable.

1 “(B) Upon the second use, due to inadequate plan-
2 ning (as determined by the Secretary of Defense), of a
3 bridge contract to provide for continuation of a service to
4 be performed through a services contract in an amount
5 less than \$10,000,000, the commander or senior civilian
6 official referred to in subparagraph (A)(i) shall provide no-
7 tification of such second use to the Vice Chief of Staff
8 of the armed force concerned and the service acquisition
9 executive of the military department concerned, the head
10 of the Defense Agency concerned, the combatant com-
11 mander concerned, or the Under Secretary of Defense for
12 Acquisition and Sustainment, as applicable.

13 “(f) EXCEPTION.—Except with respect to the anal-
14 yses required under subsection (c), this section shall not
15 apply to—

16 “(1) services contracts in support of contin-
17 gency operations, humanitarian assistance, disaster
18 relief, or national security emergencies; or

19 “(2) services contracts entered into pursuant to
20 an international agreement.

21 “(g) DEFINITIONS.—In this section:

22 “(1) The term ‘bridge contact’ means—

23 “(A) an extension to an existing contract
24 beyond the period of performance to avoid a

1 lapse in service caused by a delay in awarding
2 a subsequent contract; or

3 “(B) a new short-term contract awarded
4 on a sole-source basis to avoid a lapse in service
5 caused by a delay in awarding a subsequent
6 contract.

7 “(2) The term ‘requirements owner’ means a
8 member of the armed forces (other than the Coast
9 Guard) or a civilian employee of the Department of
10 Defense responsible for a requirement for a service
11 to be performed through a services contract.

12 “(3) The term ‘Services Requirements Review
13 Board’ has the meaning given in Department of De-
14 fense Instruction 5000.74, titled ‘Defense Acquisi-
15 tion of Services’ and dated January 5, 2016, or a
16 successor instruction.”

17 (2) CLERICAL AMENDMENT.—The table of sec-
18 tions at the beginning of such chapter is amended
19 by inserting after the item relating to section 2328
20 the following new item:

“2329. Procurement of services: data analysis and requirements validation.”.

21 (b) CONFORMING REPEAL.—Effective October 1,
22 2022—

23 (1) section 235 of title 10, United States Code,
24 is repealed; and

1 (2) the table of sections at the beginning of
2 chapter 9 of such title is amended by striking the
3 item relating to section 235.

1 **SEC. 815 [Log 64820]. IMPROVEMENTS TO TEST AND EVAL-**
2 **UATION PROCESSES AND TOOLS.**

3 (a) DEVELOPMENTAL TEST PLAN SUFFICIENCY AS-
4 SESSMENTS.—

5 (1) ADDITION TO MILESTONE B BRIEF SUM-
6 MARY REPORT.—Section 2366b(c)(1) of title 10,
7 United States Code, is amended—

8 (A) by redesignating subparagraph (G) as
9 subparagraph (H); and

10 (B) by inserting after subparagraph (F)
11 the following new subparagraph (G):

12 “(G) An assessment of the sufficiency of
13 developmental test and evaluation plans, includ-
14 ing the use of automated data analytics or mod-
15 eling and simulation tools.”.

16 (2) ADDITION TO MILESTONE C BRIEF SUM-
17 MARY REPORT.—Section 2366c(a) of such title is
18 amended by inserting after paragraph (3) the fol-
19 lowing new paragraph:

20 “(4) An assessment of the sufficiency of the de-
21 velopmental test and evaluation completed, including
22 the use of automated data analytics or modeling and
23 simulation tools.”.

24 (3) RESPONSIBILITY FOR CONDUCTING ASSESS-
25 MENTS.—For purposes of the sufficiency assess-
26 ments required by section 2366b(c)(1) and section

1 2366c(a)(4) of such title, as added by paragraphs
2 (1) and (2), with respect to a major defense acquisi-
3 tion program—

4 (A) if the milestone decision authority for
5 the program is the service acquisition executive
6 of the military department that is managing the
7 program, the sufficiency assessment shall be
8 conducted by the senior official within the mili-
9 tary department with responsibility for develop-
10 mental testing; and

11 (B) if the milestone decision authority for
12 the program is the Under Secretary of Defense
13 for Acquisition and Sustainment, the sufficiency
14 assessment shall be conducted by the senior De-
15 partment of Defense official with responsibility
16 for developmental testing.

17 (4) GUIDANCE REQUIRED.—Within one year
18 after the date of the enactment of this Act, the sen-
19 ior Department of Defense official with responsi-
20 bility for developmental testing shall develop guid-
21 ance for the sufficiency assessments required by sec-
22 tion 2366b(c)(1) and section 2366c(a)(4) of title 10,
23 United States Code, as added by paragraphs (1) and
24 (2). At a minimum, the guidance shall require—

1 (A) for the sufficiency assessment required
2 by section 2366b(c)(1) of such title, that the as-
3 sessment address the sufficiency of—

4 (i) the developmental test and evalua-
5 tion plan;

6 (ii) the developmental test and evalua-
7 tion schedule, including a comparison to
8 historic analogous systems;

9 (iii) the developmental test and eval-
10 uation resources (facilities, personnel, test
11 assets, data analytics tools, and modeling
12 and simulation capabilities);

13 (iv) the risks of developmental test
14 and production concurrency; and

15 (v) the developmental test criteria for
16 entering the production phase; and

17 (B) for the sufficiency assessment required
18 by section 2366e(a)(4) of such title, that the as-
19 sessment address—

20 (i) the sufficiency of the develop-
21 mental test and evaluation completed;

22 (ii) the sufficiency of the plans and
23 resources available for remaining develop-
24 mental test and evaluation;

1 (iii) the risks identified during devel-
2 opmental testing to the production and de-
3 ployment phase;

4 (iv) the sufficiency of the plans and
5 resources for remaining developmental test
6 and evaluation; and

7 (v) the readiness of the system to per-
8 form scheduled initial operational test and
9 evaluation.

10 (b) EVALUATION OF DEPARTMENT OF DEFENSE
11 NEED FOR CENTRALIZED TOOLS FOR DEVELOPMENTAL
12 TEST AND EVALUATION.—

13 (1) IN GENERAL.—The Secretary of Defense
14 shall evaluate the strategy of the Department of De-
15 fense for developing and expanding the use of tools
16 designed to facilitate the cost effectiveness and effi-
17 ciency of developmental testing, including automated
18 test methods and tools, modeling and simulation
19 tools, and big data analytics technologies. The eval-
20 uation shall include a determination of the appro-
21 priate role of the senior Department of Defense offi-
22 cial with responsibility for developmental testing in
23 developing enterprise level strategies related to such
24 types of testing tools.

1 (2) BRIEFING REQUIRED.—Not later than one
2 year after the date of the enactment of this Act, the
3 Secretary shall provide a briefing to the Committee
4 on Armed Services of the House of Representatives
5 on the results of the evaluation required by para-
6 graph (1).

1 **PART III—ACQUISITION WORKFORCE**
2 **IMPROVEMENTS**
3 **SEC. 821 [Log 64818]. ENHANCEMENTS TO THE CIVILIAN**
4 **PROGRAM MANAGEMENT WORKFORCE.**

5 (a) ESTABLISHMENT OF PROGRAM MANAGER DE-
6 VELOPMENT PROGRAM.—

7 (1) IN GENERAL.—The Secretary of Defense, in
8 consultation with the Secretaries of the military de-
9 partments, shall implement a program manager de-
10 velopment program to provide for the professional
11 development of high-potential, experienced civilian
12 personnel. Personnel shall be competitively selected
13 for the program based on their potential to become
14 a program manager of a major defense acquisition
15 program, as defined in section 2430 of title 10,
16 United States Code. The program shall be adminis-
17 tered and overseen by the Secretary of each military
18 department, acting through the service acquisition
19 executive for the department concerned.

20 (2) PLAN REQUIRED.—Not later than one year
21 after the date of the enactment of this Act, the Sec-
22 retary of Defense shall provide to the Committees on
23 Armed Services of the Senate and the House of Rep-
24 resentatives a comprehensive plan to implement the
25 program established under paragraph (1). In devel-
26 oping the plan, the Secretary of Defense shall seek

1 the input of relevant external parties, including pro-
2 fessional associations, other government entities, and
3 industry. The plan shall include the following ele-
4 ments:

5 (A) An assessment of the minimum level of
6 subject matter experience, education, years of
7 experience, certifications, and other qualifica-
8 tions required to be selected into the program,
9 set forth separately for current Department of
10 Defense employees and for personnel hired into
11 the program from outside the Department of
12 Defense.

13 (B) A description of hiring flexibilities to
14 be used to recruit qualified personnel from out-
15 side the Department of Defense.

16 (C) A description of the extent to which
17 mobility agreements will be required to be
18 signed by personnel selected for the program
19 during their participation in the program and
20 after their completion of the program. The use
21 of mobility agreements shall be applied to help
22 maximize the flexibility of the Department of
23 Defense in assigning personnel, while not inhib-
24 iting the participation of the most capable can-
25 didates.

1 (D) A description of the tenure obligation
2 required of personnel selected for the program.

3 (E) A plan for training during the course
4 of the program, including training in leader-
5 ship, program management, engineering, fi-
6 nance and budgeting, market research, business
7 acumen, contracting, supplier management, re-
8 quirement setting and tradeoffs, intellectual
9 property matters, and software.

10 (F) A description of career paths to be fol-
11 lowed by personnel in the program in order to
12 ensure that personnel in the program gain ex-
13 pertise in the program management functional
14 career field competencies identified by the De-
15 partment in existing guidance and the topics
16 listed in subparagraph (E), including—

17 (i) a determination of the types of ad-
18 vanced educational degrees that enhance
19 program management skills and the mech-
20 anisms available to the Department of De-
21 fense to facilitate the attainment of those
22 degrees by personnel in the program;

23 (ii) a determination of required as-
24 signments to positions within acquisition

1 programs, including position type and ac-
2 quisition category of the program office;

3 (iii) a determination of required or en-
4 couraged rotations to career broadening
5 positions outside of acquisition programs;
6 and

7 (iv) a determination of how the pro-
8 gram will ensure the opportunity for a re-
9 quired rotation to industry of at least six
10 months to develop an understanding of in-
11 dustry motivation and business acumen,
12 such as by developing an industry ex-
13 change program for civilian program man-
14 agers, similar to the Corporate Fellows
15 Program of the Secretary of Defense.

16 (G) A general description of the number of
17 personnel anticipated to be selected into the
18 program, how frequently selections will occur,
19 how long personnel selected into the program
20 will participate in the program, and how per-
21 sonnel will be placed into an assignment at the
22 completion of the program.

23 (H) A description of benefits that will be
24 offered under the program using existing

1 human capital flexibilities to retain qualified
2 employees, such as student loan repayments.

3 (I) An assessment of personnel flexibilities
4 needed to allow the military departments and
5 the Defense Agencies to reassign or remove pro-
6 gram managers that do not perform effectively.

7 (J) A description of how the program will
8 be administered and overseen by the Secretaries
9 of each military department, acting through the
10 service acquisition executive for the department
11 concerned.

12 (K) A description of how the program will
13 be integrated with existing program manager
14 development efforts at each military depart-
15 ment.

16 (3) USE OF DEFENSE ACQUISITION WORKFORCE
17 DEVELOPMENT FUND.—Amounts in the Department
18 of Defense Acquisition Workforce Development
19 Fund (established under section 1705 of title 10,
20 United States Code) may be used to pay the base
21 salary of personnel in the program established under
22 paragraph (1) during the period of time such per-
23 sonnel are temporarily assigned to a developmental
24 rotation or training program anticipated to last at
25 least six months.

1 (4) IMPLEMENTATION.—The program estab-
2 lished under paragraph (1) shall be implemented not
3 later than September 30, 2019.

4 (b) INDEPENDENT STUDY OF INCENTIVES FOR PRO-
5 GRAM MANAGERS.—

6 (1) REQUIREMENT FOR STUDY.—Not later than
7 30 days after the date of the enactment of this Act,
8 the Secretary of Defense shall enter into a contract
9 with an independent research entity described in
10 paragraph (2) to carry out a comprehensive study of
11 incentives for Department of Defense civilian and
12 military program managers for major defense acqui-
13 sition programs, including—

14 (A) additional pay options for program
15 managers to provide incentives to senior civilian
16 employees and military officers to accept and
17 remain in program manager roles;

18 (B) a financial incentive structure to re-
19 ward program managers for delivering capabili-
20 ties on budget and on time; and

21 (C) a comparison between financial and
22 non-financial incentive structures for program
23 managers in the Department of Defense and an
24 appropriate comparison group of private indus-
25 try companies.

1 (2) INDEPENDENT RESEARCH ENTITY.—The
2 entity described in this subsection is an independent
3 research entity that is a not-for-profit entity or a
4 federally funded research and development center
5 with appropriate expertise and analytical capability.

6 (3) REPORTS.—

7 (A) TO SECRETARY.—Not later than nine
8 months after the date of the enactment of this
9 Act, the independent research entity shall pro-
10 vide to the Secretary a report containing—

11 (i) the results of the study required by
12 paragraph (1); and

13 (ii) such recommendations to improve
14 the financial incentive structure of pro-
15 gram managers for major defense acquisi-
16 tion programs as the independent research
17 entity considers to be appropriate.

18 (B) TO CONGRESS.—Not later than 30
19 days after receipt of the report under subpara-
20 graph (A), the Secretary of Defense shall sub-
21 mit such report, together with any additional
22 views or recommendations of the Secretary, to
23 the congressional defense committees.

1 **SEC. 822 [Log 64825]. IMPROVEMENTS TO THE HIRING AND**
2 **TRAINING OF THE ACQUISITION WORK-**
3 **FORCE.**

4 (a) USE OF FUNDS FROM THE DEFENSE ACQUI-
5 SITION WORKFORCE DEVELOPMENT FUND TO PAY SALA-
6 RIES OF PERSONNEL TO MANAGE THE FUND.—

7 (1) IN GENERAL.—Subsection 1705(e) of title
8 10, United States Code, is amended—

9 (A) in paragraph (1)—

10 (i) by inserting “(A)” before “Subject
11 to the provisions of this subsection”; and

12 (ii) by adding at the end the following
13 new subparagraph:

14 “(B) Amounts in the Fund also may be used to
15 pay salaries of personnel at the Office of the Sec-
16 retary of Defense, military departments, and De-
17 fense Agencies to manage the Fund.”; and

18 (B) in paragraph (3)—

19 (i) by striking “and” at the end of
20 subparagraph (C);

21 (ii) by striking the period and insert-
22 ing “; and” at the end of subparagraph
23 (D); and

24 (iii) by adding at the end the fol-
25 lowing new subparagraph:

1 “(E) describing the amount from the Fund
2 that may be used to pay salaries of personnel
3 at the Office of the Secretary of Defense, mili-
4 tary departments, and Defense Agencies to
5 manage the Fund and the circumstances under
6 which such amounts may be used for such pur-
7 pose.”.

8 (2) GUIDANCE.—Not later than 180 days after
9 the date of the enactment of this Act, the Secretary
10 of Defense shall issue, and submit to the congress-
11 sional defense committees, the policy guidance re-
12 quired by subparagraph (E) of section 1705(e)(3) of
13 title 10, United States Code, as added by paragraph
14 (1).

15 (b) COMPTROLLER GENERAL REVIEW OF EFFEC-
16 TIVENESS OF HIRING AND RETENTION FLEXIBILITIES
17 FOR ACQUISITION WORKFORCE PERSONNEL.—

18 (1) IN GENERAL.—Not later than June 30,
19 2019, the Comptroller General of the United States
20 shall submit to the congressional defense committees
21 a report on the effectiveness of hiring and retention
22 flexibilities for the acquisition workforce.

23 (2) ELEMENTS.—The report under this sub-
24 section shall include the following:

1 (A) A determination of the extent to which
2 the Department of Defense experiences chal-
3 lenges with recruitment and retention of the ac-
4 quisition workforce, such as post-employment
5 restrictions.

6 (B) A description of the hiring and reten-
7 tion flexibilities available to the Department to
8 fill civilian acquisition positions and the extent
9 to which the Department has used the flexibili-
10 ties available to it to target critical or under-
11 staffed career fields.

12 (C) A determination of the extent to which
13 the Department has the necessary data on its
14 use of hiring and retention flexibilities for the
15 civilian acquisition workforce to strategically
16 manage the use of such flexibilities.

17 (D) An identification of the factors that
18 affect the use of hiring and retention flexibili-
19 ties for the civilian acquisition workforce.

20 (E) Recommendations for any necessary
21 changes to the hiring and retention flexibilities
22 available to the Department to fill civilian ac-
23 quisition positions.

24 (F) A description of the flexibilities avail-
25 able to the Department to remove underper-

1 forming members of the acquisition workforce
2 and the extent to which any such flexibilities
3 are used.

4 (c) ASSESSMENT AND REPORT REQUIRED ON BUSI-
5 NESS-RELATED TRAINING FOR THE ACQUISITION WORK-
6 FORCE.—

7 (1) ASSESSMENT.—The Under Secretary of De-
8 fense for Acquisition and Sustainment shall conduct
9 an assessment of the following:

10 (A) The effectiveness of industry certifi-
11 cations and other industry training programs,
12 including fellowships, available to defense acqui-
13 sition workforce personnel.

14 (B) Gaps in knowledge of industry oper-
15 ations, industry motivation, and business acu-
16 men in the acquisition workforce.

17 (2) REPORT.—Not later than December 31,
18 2018, the Under Secretary shall submit to the Com-
19 mittees on Armed Services of the Senate and the
20 House of Representatives a report containing the re-
21 sults of the assessment conducted under this sub-
22 section.

23 (3) ELEMENTS.—The assessment and report
24 under paragraphs (1) and (2) shall address the fol-
25 lowing:

1 (A) Current sources of training and career
2 development opportunities, industry rotations,
3 and other career development opportunities re-
4 lated to knowledge of industry operations, in-
5 dustry motivation, and business acumen for
6 each acquisition position, as designated under
7 section 1721 of title 10, United States Code.

8 (B) Gaps in training, industry rotations,
9 and other career development opportunities re-
10 lated to knowledge of industry operations, in-
11 dustry motivation, and business acumen for
12 each such acquisition position.

13 (C) Plans to address those gaps for each
14 such acquisition position.

15 (D) Consideration of the role industry-
16 taught classes and classes taught at educational
17 institutions outside of the Defense Acquisition
18 University could play in addressing gaps.

19 (d) COMPTROLLER GENERAL REVIEW OF ACQUI-
20 SITION TRAINING FOR NON-ACQUISITION WORKFORCE PER-
21 SONNEL.—

22 (1) IN GENERAL.—Not later than June 30,
23 2019, the Comptroller General of the United States
24 shall submit to the congressional defense committees
25 a report on acquisition-related training for personnel

1 working on acquisitions but not considered to be
2 part of the acquisition workforce (as defined in sec-
3 tion 101(18) of title 10, United States Code) (here-
4 after in this subsection referred to as “non-acquisi-
5 tion workforce personnel”).

6 (2) ELEMENTS.—The report shall address the
7 following:

8 (A) The extent to which non-acquisition
9 workforce personnel play a significant role in
10 defining requirements, conducting market re-
11 search, participating in source selection and
12 contract negotiation efforts, and overseeing con-
13 tract performance.

14 (B) The extent to which the Department is
15 able to identify and track non-acquisition work-
16 force personnel performing the roles identified
17 in subparagraph (A).

18 (C) The extent to which non-acquisition
19 workforce personnel are taking acquisition
20 training.

21 (D) The extent to which the Defense Ac-
22 quisition Workforce Development Fund has
23 been used to provide acquisition training to
24 non-acquisition workforce personnel.

1 (E) A description of sources of funding
2 other than the Fund that are available to and
3 used by the Department to provide non-acquisi-
4 tion workforce personnel with acquisition train-
5 ing.

6 (F) The extent to which additional acquisi-
7 tion training is needed for non-acquisition
8 workforce personnel, including the types of
9 training needed, the positions that need the
10 training, and any challenges to delivering nec-
11 essary additional training.

12 (e) BRIEFING ON IMPROVEMENTS TO THE DEFENSE
13 CONTRACT AUDIT AGENCY WORKFORCE.—

14 (1) BRIEFING REQUIRED.—Not later than 180
15 days after the date of the enactment of this Act, the
16 Director of the Defense Contract Audit Agency, in
17 consultation with the Under Secretary of Defense
18 (Comptroller), shall provide a briefing to the Com-
19 mittees on Armed Services of the Senate and the
20 House of Representatives.

21 (2) ELEMENTS.—The briefing required by
22 paragraph (1) shall address the following:

23 (A) The current education, certifications,
24 and qualifications of the Defense Contract

1 Audit Agency workforce, by supervisory and
2 non-supervisory levels and type of position.

3 (B) Shortfalls (if any) in education, quali-
4 fication, or training in the Defense Contract
5 Audit Agency workforce, by supervisory and
6 non-supervisory levels and type of position, and
7 the reasons for those shortfalls.

8 (C) The link (if any) between Defense
9 Contract Audit Agency workforce skill and ex-
10 perience gaps and the Agency's backlog of au-
11 dits.

12 (D) The link (if any) between the effective-
13 ness of Defense Contract Audit Agency regional
14 directors and their education, certifications, and
15 qualifications.

16 (E) The number of Defense Contract
17 Audit Agency auditors who have relevant pri-
18 vate sector experience, including from industry
19 exchanges while at the Defense Contract Audit
20 Agency and from prior employment experiences,
21 and the perspective of the Defense Contract
22 Audit Agency on the benefits of those experi-
23 ences.

24 (F) Ongoing efforts and future plans by
25 the Defense Contract Audit Agency to improve

1 the professionalization of its audit workforce,
2 including changes in hiring, training, required
3 certifications or qualifications, compensation
4 structure, and increased opportunities for in-
5 dustry exchanges or rotations.

1 **SEC. 823 [Log 64824]. EXTENSION AND MODIFICATIONS TO**
2 **ACQUISITION DEMONSTRATION PROJECT.**

3 (a) EXTENSION.—Section 1762(g) of title 10, United
4 States Code, is amended by striking “December 31, 2020”
5 and inserting “December 31, 2023”.

6 (b) IMPLEMENTATION STRATEGY FOR IMPROVE-
7 MENTS IN ACQUISITION DEMONSTRATION PROJECT.—

8 (1) STRATEGY REQUIRED.—The Secretary of
9 Defense shall develop an implementation strategy to
10 address areas for improvement in the demonstration
11 project required by section 1762 of title 10, United
12 States Code, as identified in the second assessment
13 of such demonstration project required by section
14 1762(e) of such title.

15 (2) ELEMENTS.—The strategy shall include the
16 following elements:

17 (A) Actions that have been or will be taken
18 to assess whether the flexibility to set starting
19 salaries at different levels is being used appro-
20 priately by supervisors and managers to com-
21 pete effectively for highly skilled and motivated
22 employees.

23 (B) Actions that have been or will be taken
24 to assess reasons for any disparities in career
25 outcomes across race and gender for employees
26 in the demonstration project.

1 (C) Actions that have been or will be taken
2 to strengthen the link between employee con-
3 tribution and compensation for employees in the
4 demonstration project.

5 (D) Actions that have been or will be taken
6 to enhance the transparency of the pay system
7 for employees in the demonstration project.

8 (E) A time frame and individual respon-
9 sible for each action identified under subpara-
10 graphs (A) through (D).

11 (3) BRIEFING REQUIRED.—Not later than one
12 year after the date of the enactment of this Act, the
13 Secretary of Defense shall provide a briefing to the
14 Committees on Armed Services of the Senate and
15 House of Representatives and the Committee on
16 Oversight and Government Reform of the House of
17 Representatives on the implementation strategy re-
18 quired by paragraph (1).

1 **SEC. 824 [Log 64827]. ACQUISITION POSITIONS IN THE OF-**
2 **FICES OF THE SECRETARIES OF THE MILI-**
3 **TARY DEPARTMENTS.**

4 (a) OFFICE OF THE SECRETARY OF THE ARMY MAX-
5 IMUM NUMBER OF PERSONNEL.—Section 3014(f) of title
6 10, United States Code, is amended by adding at the end
7 the following new paragraph:

8 “(6) The limitation in paragraph (1) may be exceeded
9 if a civilian employee is assigned on permanent duty in
10 the Office of the Secretary of the Army or on the Army
11 Staff and—

12 “(A) the employee was employed immediately
13 preceding that assignment either—

14 “(i) in a position within the Office of the
15 Under Secretary of Defense for Acquisition,
16 Technology, and Logistics that had responsi-
17 bility for oversight of acquisition programs or
18 processes prior to February 1, 2018, and that
19 was determined to be no longer needed as a re-
20 sult of section 901 of the National Defense Au-
21 thorization Act for Fiscal Year 2017 (Public
22 Law 114-328; 130 Stat. 2339) and the amend-
23 ments made by that section; or

24 “(ii) in a Joint Staff position that sup-
25 ported the Joint Requirements Oversight Coun-
26 cil prior to December 23, 2016, and that was

1 determined to be no longer needed as a result
2 of section 925 of the National Defense Author-
3 ization Act for Fiscal Year 2017 (Public Law
4 114-328; 130 Stat. 2359) and the amendments
5 made by that section; and

6 “(B) the position described in subparagraph
7 (A) is not filled by the Office of the Under Secretary
8 of Defense for Acquisition and Sustainment or the
9 Joint Staff after the employee’s permanent duty as-
10 signment.”.

11 (b) OFFICE OF THE SECRETARY OF THE NAVY MAX-
12 IMUM NUMBER OF PERSONNEL.—Section 5014(f) of title
13 10, United States Code, is amended by adding at the end
14 the following new paragraph:

15 “(6) The limitation in paragraph (1) may be exceeded
16 if a civilian employee is assigned on permanent duty in
17 the Department of the Navy or assigned or detailed to
18 permanent duty in the Office of the Secretary of the Navy,
19 the Office of Chief of Naval Operations, or the Head-
20 quarters, Marine Corps, and—

21 “(A) the employee was employed immediately
22 preceding that assignment either—

23 “(i) in a position within the Office of the
24 Under Secretary of Defense for Acquisition,
25 Technology, and Logistics that had responsi-

1 bility for oversight of acquisition programs or
2 processes prior to February 1, 2018, and that
3 was determined to be no longer needed as a re-
4 sult of section 901 of the National Defense Au-
5 thorization Act for Fiscal Year 2017 (Public
6 Law 114-328; 130 Stat. 2339) and the amend-
7 ments made by that section; or

8 “(ii) in a Joint Staff position that sup-
9 ported the Joint Requirements Oversight Coun-
10 cil prior to December 23, 2016, and that was
11 determined to be no longer needed as a result
12 of section 925 of the National Defense Author-
13 ization Act for Fiscal Year 2017 (Public Law
14 114-328; 130 Stat. 2359) and the amendments
15 made by that section; and

16 “(B) the position described in subparagraph
17 (A) is not filled by the Office of the Under Secretary
18 of Defense for Acquisition and Sustainment or the
19 Joint Staff after the employee’s permanent duty as-
20 signment.”.

21 (c) OFFICE OF THE SECRETARY OF THE AIR FORCE
22 MAXIMUM NUMBER OF PERSONNEL.—Section 8014(f) of
23 title 10, United States Code, is amended by adding at the
24 end the following new paragraph:

1 “(6) The limitation in paragraph (1) may be exceeded
2 if a civilian employee is assigned on permanent duty in
3 the Office of the Secretary of the Air Force or on the Air
4 Staff and—

5 “(A) the employee was employed immediately
6 preceding that assignment either—

7 “(i) in a position within the Office of the
8 Under Secretary of Defense for Acquisition,
9 Technology, and Logistics that had responsi-
10 bility for oversight of acquisition programs or
11 processes prior to February 1, 2018, and that
12 was determined to be no longer needed as a re-
13 sult of section 901 of the National Defense Au-
14 thorization Act for Fiscal Year 2017 (Public
15 Law 114-328; 130 Stat. 2339) and the amend-
16 ments made by that section; or

17 “(ii) in a Joint Staff position that sup-
18 ported the Joint Requirements Oversight Coun-
19 cil prior to December 23, 2016, and that was
20 determined to be no longer needed as a result
21 of section 925 of the National Defense Author-
22 ization Act for Fiscal Year 2017 (Public Law
23 114-328; 130 Stat. 2359) and the amendments
24 made by that section; and

1 “(B) the position described in subparagraph
2 (A) is not filled by the Office of the Under Secretary
3 of Defense for Acquisition and Sustainment or the
4 Joint Staff after the employee’s permanent duty as-
5 signment.”.

1 **PART IV—TRANSPARENCY IMPROVEMENTS**

2 **SEC. 831 [Log 64823]. TRANSPARENCY OF DEFENSE BUSI-**
3 **NESS SYSTEM DATA.**

4 (a) ESTABLISHMENT OF COMMON ENTERPRISE
5 DATA STRUCTURES.—Section 2222 of title 10, United
6 States Code, is amended—

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

9 “(7) Policy requiring that any data contained in
10 a defense business system is an asset of the Depart-
11 ment of Defense, and that such data should be made
12 readily available to members of the Office of the
13 Secretary of Defense, the Joint Staff, and the mili-
14 tary departments (except as otherwise provided by
15 law or regulation).”;

16 (2) in subsection (e), by adding at the end the
17 following new paragraph:

18 “(5) COMMON ENTERPRISE DATA STRUC-
19 TURES.—(A) The defense business enterprise archi-
20 tecture shall include one or more common enterprise
21 data structures which can be used to code data that
22 are automatically extracted from the relevant de-
23 fense business systems to facilitate Department of
24 Defense-wide analysis and management of such
25 data.

1 “(B) The Deputy Chief Management Officer
2 shall—

3 “(i) in consultation with the Defense Busi-
4 ness Council established under subsection (f),
5 develop one or more common enterprise data
6 structures and an associated data governance
7 process; and

8 “(ii) have primary decision-making author-
9 ity with respect to the development of any such
10 common enterprise data structure.

11 “(C) The Director of Cost Assessment and Pro-
12 gram Evaluation shall—

13 “(i) in consultation with the Defense Busi-
14 ness Council established under subsection (f),
15 document and maintain any common enterprise
16 data structure developed under subparagraph
17 (B);

18 “(ii) extract data from defense business
19 systems using the appropriate common data en-
20 terprise structure on a specified schedule;

21 “(iii) provide access to such data to the
22 Office of the Secretary of Defense, the Joint
23 Staff, and the military departments (except as
24 otherwise provided by law or regulation) on a
25 specified schedule developed in consultation

1 with the Defense Business Council established
2 under subsection (f); and

3 “(iv) have primary decision-making author-
4 ity with respect to the maintenance of any such
5 common enterprise data structure.

6 “(D) Common enterprise data structures shall
7 be established and maintained for the following
8 types of data of the Department of Defense:

9 “(i) An accounting of expenditures of the
10 Department of Defense, set forth separately for
11 each type of expenditure.

12 “(ii) Data from the future-years defense
13 program established under section 221 and
14 budget data.

15 “(iii) Acquisition cost data and earned
16 value management data.

17 “(iv) Operating and support costs for
18 weapon systems, including data on maintenance
19 procedures conducted on each major weapon
20 system (as defined in section 2379 of this title).

21 “(v) Data on contracts and task orders of
22 the Department of Defense, including goods
23 and services acquired under such contracts or
24 task orders and associated obligations and ex-
25 penditures.

1 “(E) The Secretary of Defense, the Chairman
2 of the Joint Chiefs of Staff, the Secretaries of the
3 military departments, the Commanders of the com-
4 batant commands, the heads of the Defense Agen-
5 cies, the heads of the Department of Defense Field
6 Activities, and the heads of all other organizations of
7 the Department of Defense shall provide access to
8 the relevant defense business system of such depart-
9 ment, combatant command, Defense Agency, Field
10 Activity, or organization, as applicable, and data ex-
11 tracted from such system, for purposes of automati-
12 cally populating data sets coded with common enter-
13 prise data structures.”;

14 (3) in subsection (f)(2), by adding at the end
15 the following new clause:

16 “(iv) The Director of Cost Assessment
17 and Program Evaluation with respect to
18 common enterprise data structures.”; and

19 (4) in subsection (i), by adding at the end the
20 following new paragraphs:

21 “(10) COMMON ENTERPRISE DATA STRUC-
22 TURE.—The term ‘common enterprise data struc-
23 ture’ means a mapping and organization of data
24 from defense business systems into a common data
25 set.

1 “(11) DATA GOVERNANCE PROCESS.—The term
2 ‘data governance process’ means a system to manage
3 the timely Department of Defense-wide sharing of
4 data described under paragraph (5)(A).”.

5 (b) ADDITIONAL DUTIES OF THE DIRECTOR OF COST
6 ASSESSMENT AND PROGRAM EVALUATION.—Section
7 139a(d) of title 10, United States Code, is amended by
8 adding at the end the following new paragraph:

9 “(9) Maintenance of common enterprise data
10 structures established pursuant to section 2222 of
11 this title, including establishing and maintaining ac-
12 cess to any data contained in a defense business sys-
13 tem (as defined in such section) and used in a com-
14 mon enterprise data structure, as determined appro-
15 priate by the Secretary of Defense or the Director
16 of Cost Assessment and Program Evaluation.”.

17 (c) IMPLEMENTATION PLAN FOR COMMON ENTER-
18 PRISE DATA STRUCTURES.—

19 (1) PLAN REQUIRED.—Not later than six
20 months after the date of the enactment of this Act,
21 the Deputy Chief Management Officer and the Di-
22 rector of Cost Assessment and Program Evaluation
23 shall jointly develop a plan to implement the require-
24 ments of subsection (a).

1 (2) ELEMENTS.—At a minimum, the implemen-
2 tation plan required by paragraph (1) shall include
3 the following elements:

4 (A) The major tasks required to implement
5 the requirements of subsection (a) and the rec-
6 ommended time frames for each task.

7 (B) The estimated resources required to
8 complete each major task identified pursuant to
9 subparagraph (A).

10 (C) Any challenges associated with each
11 major task identified pursuant to subparagraph
12 (A) and related steps to mitigate such chal-
13 lenge.

14 (D) A description of how data security
15 issues will be appropriately addressed in the im-
16 plementation of the requirements of subsection
17 (a).

18 (3) SUBMISSION TO CONGRESS.—Upon comple-
19 tion of the plan required under paragraph (1), the
20 Deputy Chief Management Officer and the Director
21 of Cost Assessment and Program Evaluation shall
22 submit such plan to the congressional defense com-
23 mittees.

1 **SEC. 832 [Log 64879]. MAJOR DEFENSE ACQUISITION PRO-**
2 **GRAMS: DISPLAY OF BUDGET INFORMATION.**

3 (a) IN GENERAL.—Chapter 144 of title 10, United
4 States Code, is amended by inserting after section 2433a
5 the following new section:

6 **“§ 2434. Major defense acquisition programs: display**
7 **of budget information**

8 “(a) IN GENERAL.—In the defense budget materials
9 for fiscal year 2020 and each subsequent fiscal year, the
10 Secretary of Defense shall ensure that the funding re-
11 quirements listed in subsection (b) are displayed sepa-
12 rately for major defense acquisition programs, as defined
13 in section 2340 of title 10, United States Code.

14 “(b) REQUIREMENTS FOR BUDGET DISPLAY.—The
15 budget justification display for a fiscal year shall include
16 the funding requirement for each major defense acquisi-
17 tion program, including all sources of appropriations—

18 “(1) for developmental test and evaluation;

19 “(2) for operational test and evaluation;

20 “(3) for the purchase of cost data from contrac-
21 tors; and

22 “(4) for the purchase or license of technical
23 data.

24 “(c) DEFINITIONS.—In this section, the terms ‘budg-
25 et’ and ‘defense budget materials’ have the meaning given
26 those terms in section 234 of this title.”.

1 (b) CLERICAL AMENDMENT.—The table of sections
2 at the beginning of such chapter is amended by inserting
3 after the item relating to section 2433a following new
4 item:

“2434. Major defense acquisition programs: display of budget information.”.

1 **SEC. 833 [Log 64836]. ENHANCEMENTS TO TRANSPARENCY**
2 **IN TEST AND EVALUATION PROCESSES AND**
3 **DATA.**

4 (a) ADDITIONAL REQUIREMENTS RELATING TO DES-
5 IGNATION OF A MAJOR DEFENSE ACQUISITION PRO-
6 GRAM.—Section 139 of title 10, United States Code, is
7 amended—

8 (1) in subsection (a)(2)(B), by inserting before
9 the period at the end the following: “and in accord-
10 ance with subsection (l).”;

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

13 “(l) For purposes of subsection (a)(2)(B), before des-
14 ignating a program that is not a major defense acquisition
15 program for the purposes of section 2430 of this title as
16 a major defense acquisition program for the purposes of
17 this section, the Director shall provide in writing to the
18 Under Secretary of Defense for Acquisition and
19 Sustainment, and the test and evaluation executive of the
20 military department or departments executing the pro-
21 gram, the specific circumstances of the program that led
22 to the designation decision.”; and

23 (3) by adding at the end of subsection (h)(4)
24 the following: “The report shall also include a brief
25 statement of the rationale for placing on the over-
26 sight list of the Director each program that is not

1 a major defense acquisition program for the pur-
2 poses of section 2430 of this title but has been des-
3 ignated as a major defense acquisition program for
4 the purposes of this section.”.

5 (b) CONSIDERATION OF LEGACY ITEMS OR COMPO-
6 NENTS IN OPERATIONAL TEST AND EVALUATION RE-
7 PORTS.—Section 2399(b)(2) of title 10, United States
8 Code, is amended—

9 (1) by striking “and” at the end of subpara-
10 graph (A)(ii);

11 (2) by redesignating subparagraph (B) as sub-
12 paragraph (C); and

13 (3) by inserting after subparagraph (A) the fol-
14 lowing new subparagraph:

15 “(B) a description of the performance of the
16 items or components tested in relation to comparable
17 legacy items or components, if such items or compo-
18 nents exist and relevant data are available without
19 requiring additional testing; and”.

20 (c) OPPORTUNITY FOR MILITARY DEPARTMENT
21 COMMENTS ON ANNUAL REPORT ON OPERATIONAL TEST
22 AND EVALUATION.—Section 139(h) of title 10, United
23 States Code, is amended—

1 (1) by redesignating paragraph (5) as para-
2 graph (6), and in that paragraph by striking “and
3 the Secretaries of the military departments”; and

4 (2) by inserting after paragraph (4) the fol-
5 lowing new paragraph (5):

6 “(5) Within 45 days after the submission of an
7 annual report by the Director to Congress, the Sec-
8 retaries of the military departments may each sub-
9 mit a report to the congressional defense committees
10 addressing any concerns related to information in-
11 cluded in the annual report, or providing updated or
12 additional information as appropriate.”.

13 (d) GUIDELINES FOR COLLECTION OF COST DATA
14 ON TEST AND EVALUATION.—

15 (1) IN GENERAL.—Not later than one year
16 after the date of the enactment of this Act, the Di-
17 rector of Operational Test and Evaluation and the
18 senior Department of Defense official with responsi-
19 bility for developmental testing shall jointly develop
20 policies, procedures, guidance, and a collection meth-
21 od to ensure that consistent, high quality data are
22 collected on the full range of estimated and actual
23 developmental, live fire, and operational testing costs
24 for major defense acquisition programs. Data on es-
25 timated and actual developmental, live fire, and

1 operational testing costs shall be maintained in an
2 electronic database maintained by the Director for
3 Cost Assessment and Program Evaluation.

4 (2) CONCURRENCE AND COORDINATION.—In
5 carrying out paragraph (1), the Director of Oper-
6 ational Test and Evaluation and the senior Depart-
7 ment of Defense official with responsibility for devel-
8 opmental testing shall obtain the concurrence of the
9 Director for Cost Assessment and Program Evalua-
10 tion and shall coordinate with the Director of the
11 Test Resource Management Center and the Secre-
12 taries of the military departments.

13 (3) MAJOR DEFENSE ACQUISITION PROGRAM
14 DEFINED.—In this section, the term “major defense
15 acquisition program” has the meaning provided in
16 section 2430 of title 10, United States Code.

17 (e) REPORT ON ENTERPRISE APPROACH TO TEST
18 AND EVALUATION KNOWLEDGE MANAGEMENT.—

19 (1) REPORT REQUIRED.—Within one year after
20 the date of the enactment of this Act, the Director
21 of the Test Resource Management Center and the
22 senior Department of Defense official with responsi-
23 bility for developmental testing shall provide to the
24 congressional defense committees a report on the de-
25 velopment of an approach for managing test and

1 evaluation knowledge across the entire Department
2 of Defense.

3 (2) ELEMENTS.—The report required by para-
4 graph (1) shall include the following elements:

5 (A) The detailed concepts, requirements,
6 technologies, methodologies, and architecture
7 necessary for an enterprise approach to knowl-
8 edge management for test and evaluation, in-
9 cluding data, data analysis tools, and modeling
10 and simulation capabilities.

11 (B) Resources needed to develop and adopt
12 an enterprise approach to knowledge manage-
13 ment for test and evaluation.

14 (C) Roles and responsibilities of various
15 Department of Defense entities to develop and
16 adopt an enterprise approach to knowledge
17 management for test and evaluation.

18 (D) Time frames required to develop and
19 adopt an enterprise approach to knowledge
20 management for test and evaluation.

21 (E) A description of pilot studies ongoing
22 at the time of the date of the enactment of this
23 Act or previously conducted related to devel-
24 oping an enterprise approach to test and eval-
25 uation knowledge management, including re-

- 1 sults of the pilot studies (if available) and les-
- 2 sons learned.

1 **Subtitle B—Streamlining of De-**
2 **fense Acquisition Statutes and**
3 **Regulations**

4 **SEC. 841 [Log 65160]. MODIFICATIONS TO THE ADVISORY**
5 **PANEL ON STREAMLINING AND CODIFYING**
6 **ACQUISITION REGULATIONS.**

7 (a) EXTENSION OF DATE FOR FINAL REPORT.—

8 (1) TRANSMITTAL OF PANEL FINAL REPORT.—

9 Subsection (e)(1) of section 809 of the National De-
10 fense Authorization Act for Fiscal Year 2016 (Pub-
11 lic Law 114–92; 129 Stat. 889), as amended by sec-
12 tion 863(d) of the National Defense Authorization
13 Act for Fiscal Year 2017 (Public Law 114–328; 130
14 Stat. 2303), is amended—

15 (A) by striking “Not later than two years
16 after the date on which the Secretary of De-
17 fense establishes the advisory panel” and insert-
18 ing “Not later than January 15, 2019”; and

19 (B) by striking “the Secretary” and insert-
20 ing “the Secretary of Defense and the congress-
21 sional defense committees”.

22 (2) SECRETARY OF DEFENSE ACTION ON FINAL
23 REPORT.—Subsection (e)(4) of such section is
24 amended—

1 (A) by striking “Not later than 30 days”
2 and inserting “Not later than 60 days”; and

3 (B) by striking “the final report, together
4 with such comments as the Secretary deter-
5 mines appropriate,” and inserting “such com-
6 ments as the Secretary determines appro-
7 priate”.

8 (b) TERMINATION OF PANEL.—Such section is fur-
9 ther amended by adding at the end the following new sub-
10 section:

11 “(g) TERMINATION OF PANEL.—The advisory panel
12 shall terminate 180 days after the date on which the final
13 report of the panel is transmitted pursuant to subsection
14 (e)(1) or on such later date as may be specified by the
15 Secretary of Defense.”.

1 **SEC. 842 [Log 65880]. EXTENSION OF MAXIMUM DURATION**
2 **OF FUEL STORAGE CONTRACTS.**

3 (a) **EXTENSION.**—Section 2922(b) of title 10, United
4 States Code, is amended by striking “20 years” and in-
5 serting “30 years”.

6 (b) **EFFECTIVE DATE.**—The amendment made by
7 subsection (a) shall apply with respect to contracts entered
8 into on or after the date of the enactment of this Act and
9 may be applied to a contract entered into before that date
10 if the total contract period under the contract (including
11 options) has not expired as of the date of any extension
12 of such contract period by reason of such amendment.

1 **SEC. 843 [Log 65881]. EXCEPTION FOR BUSINESS OPER-**
2 **ATIONS FROM REQUIREMENT TO ACCEPT \$1**
3 **COINS.**

4 Paragraph (1) of section 5112(p) of title 31, United
5 States Code, is amended by adding at the end the fol-
6 lowing new flush sentence:

7 “This paragraph does not apply with respect to busi-
8 ness operations conducted by any entity under a
9 contract with an agency or instrumentality of the
10 United States, including any nonappropriated fund
11 instrumentality established under title 10, United
12 States Code.”.

1 **SEC. 844 [Log 65898]. REPEAL OF EXPIRED PILOT PROGRAM.**

2 Section 807(c) of Public Law 104–106 (10 U.S.C.

3 2401a note) is repealed.

1 **Subtitle C—Amendments to Gen-**
2 **eral Contracting Authorities,**
3 **Procedures, and Limitations**

4 **SEC. 851 [Log 65681]. LIMITATION ON UNILATERAL**
5 **DEFINITIZATION.**

6 (a) **LIMITATION.**—Section 2326 of title 10, United
7 States Code, is amended—

8 (1) by redesignating subsections (c), (d), (e),
9 (f), (g), (h), and (i) as subsections (d), (e), (f), (g),
10 (h), (i), and (j) respectively; and

11 (2) by inserting after subsection (b) the fol-
12 lowing new subsection (c):

13 “(c) **LIMITATION ON UNILATERAL DEFINITIZATION**
14 **BY CONTRACTING OFFICER.**—With respect to any
15 undefinitized contractual action with a value greater than
16 \$1,000,000,000, if agreement is not reached on contrac-
17 tual terms, specifications, and price within the period or
18 by the date provided in subsection (b)(1), the contracting
19 officer may not unilaterally definitize those terms, speci-
20 fications, or price over the objection of the contractor
21 until—

22 “(1) the head of the agency approves the
23 definitization in writing;

24 “(2) the contracting officer provides a copy of
25 the written approval to the contractor; and

1 “(3) a period of 30 calendar days has elapsed
2 after the written approval is provided to the con-
3 tractor.”.

4 (b) CONFORMING AMENDMENT.—Section 2326(b)(3)
5 of such title is amended by striking “subsection (g)” and
6 inserting “subsection (h)”.

7 (c) CONFORMING REGULATIONS.—Not later than
8 120 days after the date of the enactment of this Act, the
9 Secretary of Defense shall revise the Department of De-
10 fense Supplement to the Federal Acquisition Regulation
11 to implement section 2326 of title 10, United States Code,
12 as amended by this section.

1 **SEC. 852 [Log 64833]. CODIFICATION OF REQUIREMENTS**
2 **PERTAINING TO ASSESSMENT, MANAGEMENT,**
3 **AND CONTROL OF OPERATING AND SUPPORT**
4 **COSTS FOR MAJOR WEAPON SYSTEMS.**

5 (a) CODIFICATION AND AMENDMENT.—

6 (1) IN GENERAL.—Chapter 137 of title 10,
7 United States Code, is amended by inserting after
8 section 2337 the following new section:

9 **“§ 2337a. Assessment, management, and control of op-**
10 **erating and support costs for major**
11 **weapon systems**

12 “(a) GUIDANCE REQUIRED.—The Secretary of De-
13 fense shall issue and maintain guidance on actions to be
14 taken to assess, manage, and control Department of De-
15 fense costs for the operation and support of major weapon
16 systems.

17 “(b) ELEMENTS.—The guidance required by sub-
18 section (a) shall, at a minimum—

19 “(1) be issued in conjunction with the com-
20 prehensive guidance on life-cycle management and
21 the development and implementation of product sup-
22 port strategies for major weapon systems required
23 by section 2337 of this title;

24 “(2) require the military departments to retain
25 each estimate of operating and support costs that is
26 developed at any time during the life cycle of a

1 major weapon system, together with supporting doc-
2 umentation used to develop the estimate;

3 “(3) require the military departments to update
4 estimates of operating and support costs periodically
5 throughout the life cycle of a major weapon system,
6 to determine whether preliminary information and
7 assumptions remain relevant and accurate, and iden-
8 tify and record reasons for variances;

9 “(4) establish policies and procedures for the
10 collection, organization, maintenance, and avail-
11 ability of standardized data on operating and sup-
12 port costs for major weapon systems in accordance
13 with section 2222 of this title;

14 “(5) establish standard requirements for the
15 collection and reporting of data on operating and
16 support costs for major weapon systems by contrac-
17 tors performing weapon system sustainment func-
18 tions in an appropriate format, and develop contract
19 clauses to ensure that contractors comply with such
20 requirements;

21 “(6) require the military departments—

22 “(A) to collect and retain data from oper-
23 ational and developmental testing and evalua-
24 tion on the reliability and maintainability of
25 major weapon systems; and

1 “(B) to use such data to inform system de-
2 sign decisions, provide insight into sustainment
3 costs, and inform estimates of operating and
4 support costs for such systems;

5 “(7) require the military departments to ensure
6 that sustainment factors are fully considered at key
7 life cycle management decision points and that ap-
8 propriate measures are taken to reduce operating
9 and support costs by influencing system design early
10 in development, developing sound sustainment strat-
11 egies, and addressing key drivers of costs;

12 “(8) require the military departments to con-
13 duct an independent logistics assessment of each
14 major weapon system prior to key acquisition deci-
15 sion points (including milestone decisions) to identify
16 features that are likely to drive future operating and
17 support costs, changes to system design that could
18 reduce such costs, and effective strategies for man-
19 aging such costs;

20 “(9) include—

21 “(A) reliability metrics for major weapon
22 systems; and

23 “(B) requirements on the use of metrics
24 under subparagraph (A) as triggers—

1 “(i) to conduct further investigation
2 and analysis into drivers of those metrics;
3 and

4 “(ii) to develop strategies for improv-
5 ing reliability, availability, and maintain-
6 ability of such systems at an affordable
7 cost; and

8 “(10) require the military departments to con-
9 duct periodic reviews of operating and support costs
10 of major weapon systems after such systems achieve
11 initial operational capability to identify and address
12 factors resulting in growth in operating and support
13 costs and adapt support strategies to reduce such
14 costs.

15 “(c) RETENTION OF DATA ON OPERATING AND SUP-
16 PORT COSTS.—

17 “(1) IN GENERAL.—The Director of Cost As-
18 sessment and Program Evaluation shall be respon-
19 sible for developing and maintaining a database on
20 operating and support estimates, supporting docu-
21 mentation, and actual operating and support costs
22 for major weapon systems.

23 “(2) SUPPORT.—The Secretary of Defense shall
24 ensure that the Director, in carrying out such re-
25 sponsibility—

1 “(A) promptly receives the results of all
2 cost estimates and cost analyses conducted by
3 the military departments with regard to oper-
4 ating and support costs of major weapon sys-
5 tems;

6 “(B) has timely access to any records and
7 data of the military departments (including
8 classified and proprietary information) that the
9 Director considers necessary to carry out such
10 responsibility; and

11 “(C) with the concurrence of the Under
12 Secretary of Defense for Acquisition and
13 Sustainment, may direct the military depart-
14 ments to collect and retain information nec-
15 essary to support the database.

16 “(d) MAJOR WEAPON SYSTEM DEFINED.—In this
17 section, the term ‘major weapon system’ has the meaning
18 given that term in section 2379(f) of title 10, United
19 States Code.”.

20 (2) CLERICAL AMENDMENT.—The table of sec-
21 tions at the beginning of chapter 137 of such title
22 is amended by adding after the item relating to sec-
23 tion 2337 the following new item:

 “2337a. Assessment, management, and control of operating and support costs
 for major weapon systems.”.

24 (b) REPEAL OF SUPERSEDED SECTION.—

1 (1) REPEAL.—Section 832 of the National De-
2 fense Authorization Act for Fiscal Year 2012 (Pub-
3 lic Law 112–81; 10 U.S.C. 2430 note) is repealed.

4 (2) CONFORMING AMENDMENT.—Section
5 2441(e) of title 10, United States Code, is amended
6 by striking “section 2337 of this title” and all that
7 follows through the period and inserting “sections
8 2337 and 2337a of this title.”.

1 **SEC. 853 [Log 65579]. USE OF PROGRAM INCOME BY ELIGI-**
2 **BLE ENTITIES THAT CARRY OUT PROCURE-**
3 **MENT TECHNICAL ASSISTANCE PROGRAMS.**

4 Section 2414 of title 10, United States Code, is
5 amended—

6 (1) in the section heading, by striking “**LIMI-**
7 **TATION**” and inserting “**FUNDING**”; and

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

10 “(d) USE OF PROGRAM INCOME.—

11 “(1) An eligible entity that earned income in a
12 specified fiscal year from activities carried out pur-
13 suant to a procurement technical assistance program
14 funded under this chapter may expend an amount of
15 such income not to exceed 25 percent of the cost of
16 furnishing procurement technical assistance in such
17 specified fiscal year, during the fiscal year following
18 the specified fiscal year, to carry out a procurement
19 technical assistance program funded under this
20 chapter.

21 “(2) An eligible entity that does not enter into
22 a cooperative agreement with the Secretary for a fis-
23 cal year—

24 “(A) shall notify the Secretary of the
25 amount of any income the eligible entity carried
26 over from the previous fiscal year; and

1 “(B) may retain an amount of such income
2 equal to 10 percent of the value of assistance
3 furnished by the Secretary under this section
4 during the previous fiscal year.

5 “(3) In determining the value of assistance fur-
6 nished by the Secretary under this section for any
7 fiscal year, the Secretary shall account for the
8 amount of any income the eligible entity carried over
9 from the previous fiscal year.”.

1 **SEC. 854 [Log 65124]. AMENDMENT TO SUSTAINMENT RE-**
2 **VIEWS.**

3 Section 2441(a) of title 10, United States Code, is
4 amended by adding at the end the following: “The Sec-
5 retary concerned shall make the memorandum and sup-
6 porting documentation for each sustainment review avail-
7 able to the Under Secretary of Defense for Acquisition and
8 Sustainment within 30 days after the review is com-
9 pleted.”.

1 **SEC. 856 [Log 65271]. AMENDMENT TO NONTRADITIONAL**
2 **AND SMALL CONTRACTOR INNOVATION**
3 **PROTOTYPING PROGRAM.**

4 Section 884(d) of the National Defense Authorization
5 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
6 2318; 10 U.S.C.2301 note) is amended—

7 (1) by redesignating paragraph (9) as para-
8 graph (10); and

9 (2) by inserting after paragraph (8) the fol-
10 lowing new paragraph (9):

11 “(9) Unmanned ground logistics and unmanned air
12 logistics capabilities enhancement.”.

1 **SEC. 857 [Log 65114]. MODIFICATION TO ANNUAL MEETING**
2 **REQUIREMENT OF CONFIGURATION STEER-**
3 **ING BOARDS.**

4 Section 814(e)(4) of the Duncan Hunter National
5 Defense Authorization Act for Fiscal Year 2009 (Public
6 Law 110–417; 122 Stat. 4529; 10 U.S.C. 2430 note) is
7 amended by striking “year.” and inserting “year, unless
8 the senior acquisition executive of the military department
9 concerned determines in writing that there have been no
10 changes to the program requirements of a major defense
11 acquisition program during the preceding year.”.

1 **SEC. 858 [Log 65678]. CHANGE TO DEFINITION OF SUB-**
2 **CONTRACT IN CERTAIN CIRCUMSTANCES.**

3 Section 1906(c)(1) of title 41, United States Code,
4 is amended by adding at the end the following: “The term
5 does not include agreements entered into by a contractor
6 for the supply of commodities that are intended for use
7 in the performance of multiple contracts with the Govern-
8 ment and other parties and are not identifiable to any par-
9 ticular contract.”.

1 **SEC. 859 [Log 65680]. AMENDMENT RELATING TO APPLICA-**
2 **BILITY OF INFLATION ADJUSTMENTS.**

3 Subsection 1908(d) of title 41, United States Code,
4 is amended by inserting before the period at the end the
5 following: “, and shall apply, in the case of the procure-
6 ment of property or services by contract, to a contract,
7 and any subcontract at any tier under the contract, in ef-
8 fect on that date without regard to the date of award of
9 the contract or subcontract.”.

1 **SEC. 863 [Log 64982]. PROCUREMENT OF AVIATION CRIT-**
2 **ICAL SAFETY ITEMS.**

3 Section 814(a) of the National Defense Authorization
4 Act for Fiscal Year 2017 (Public Law 114-328; 130 Stat.
5 2271; 10 U.S.C. 2302 note) is amended—

6 (1) in paragraph (1)—

7 (A) by inserting “or an aviation critical
8 safety item (as defined in section 2319(g) of
9 this title)” after “personal protective equip-
10 ment”; and

11 (B) by inserting “equipment or” after
12 “failure of the”; and

13 (2) in paragraph (2), by inserting “or item”
14 after “equipment”.

1 **SEC. 864 [Log 64830]. MILESTONES AND TIMELINES FOR**
2 **CONTRACTS FOR FOREIGN MILITARY SALES.**

3 (a) ESTABLISHMENT OF STANDARD TIMELINES FOR
4 FOREIGN MILITARY SALES.—The Secretary of Defense
5 shall establish specific milestones and standard timelines
6 to achieve such milestones for a foreign military sale (as
7 authorized under chapter 2 of the Arms Export Control
8 Act (22 U.S.C. 2761 et seq.)), including milestones and
9 timelines for actions that occur after a letter of offer and
10 acceptance (as described in chapter 5 of the Security As-
11 sistance Management Manual of the Defense Security Co-
12 operation Agency) for such foreign military sale is com-
13 pleted. Such milestones and timelines—

14 (1) may vary depending on the complexity of
15 the foreign military sale; and

16 (2) shall cover the period beginning on the date
17 of receipt of a complete letter of request (as de-
18 scribed in such chapter 5) from a foreign country
19 and ending on the date of the final delivery of a de-
20 fense article or defense service sold through the for-
21 eign military sale.

22 (b) SUBMISSIONS TO CONGRESS.—

23 (1) QUARTERLY NOTIFICATION.—During the
24 period beginning on the date of the enactment of
25 this Act and ending on December 31, 2021, the Sec-
26 retary shall submit to the congressional defense com-

1 mittees, the Committee on Foreign Affairs of the
2 House of Representatives, and the Committee on
3 Foreign Relations of the Senate, on a quarterly
4 basis, a report that includes a list of each foreign
5 military sale with a value greater than or equal to
6 the dollar threshold for congressional notification
7 under section 36 of the Arms Export Control Act
8 (22 U.S.C. 2776)—

9 (A) for which the final delivery of a de-
10 fense article or defense service has not been
11 completed; and

12 (B) that failed to meet a standard timeline
13 to achieve a milestone as established under sub-
14 section (a).

15 (2) ANNUAL REPORT.—Not later than Novem-
16 ber 1, 2019, and annually thereafter until December
17 31, 2021, the Secretary shall submit to the commit-
18 tees described in paragraph (1) a report that sum-
19 marizes—

20 (A) the number, set forth separately by
21 dollar value and milestone, of foreign military
22 sales that met the standard timeline to achieve
23 a milestone established under subsection (a)
24 during the preceding fiscal year; and

1 (B) the number, set forth separately by
2 dollar value, milestone, and case development
3 extenuating factor, of foreign military sales that
4 failed to meet the standard timeline to achieve
5 a milestone established under subsection (a).

6 (c) DEFINITIONS.—In this section:

7 (1) DEFENSE ARTICLE; DEFENSE SERVICE.—
8 The terms “defense article” and “defense service”
9 have the meanings given those terms, respectively, in
10 section 47 of the Arms Export Control Act (22
11 U.S.C. 2794).

12 (2) CASE DEVELOPMENT EXTENUATING FAC-
13 TOR.—The term “case development extenuating fac-
14 tor” means a reason from a list of reasons developed
15 by the Secretary (such as a change in requirements,
16 delay in performance, or failure to receive funding)
17 for the failure of a foreign military sale to meet a
18 standard timeline to achieve a milestone established
19 under subsection (a).

1 **SEC. 865 [Log 65113]. NOTIFICATION REQUIREMENT FOR**
2 **CERTAIN CONTRACTS FOR AUDIT SERVICES.**

3 (a) NOTIFICATION TO CONGRESS.—If the Under Sec-
4 retary of Defense (Comptroller) makes a written finding
5 that a delay in performance of a covered contract while
6 a protest is pending would hinder the annual preparation
7 of audited financial statements for the Department of De-
8 fense, and the head of the procuring activity responsible
9 for the award of the covered contract does not authorize
10 the award of the contract (pursuant to section 3553(e)(2)
11 of title 31, United States Code) or the performance of the
12 contract (pursuant to section 3553(d)(3)(C) of such title),
13 the Secretary of Defense shall—

14 (1) notify the congressional defense committees
15 within 10 days after such finding is made; and

16 (2) describe any steps the Department of De-
17 fense plans to take to mitigate any hindrance identi-
18 fied in such finding to the annual preparation of au-
19 dited financial statements for the Department.

20 (b) COVERED CONTRACT DEFINED.—In this section,
21 the term “covered contract” means a contract for services
22 to perform an audit to comply with the requirements of
23 section 3515 of title 31, United States Code.

1 **SEC. 866 [Log 65654]. TRAINING IN ACQUISITION OF COM-**
2 **MERCIAL ITEMS.**

3 (a) TRAINING.—Not later than 180 days after the
4 date of the enactment of this Act, the President of the
5 Defense Acquisition University shall establish a com-
6 prehensive training program on the acquisition of commer-
7 cial items, including part 12 of the Federal Acquisition
8 Regulation. The curriculum shall include, at a minimum,
9 the following:

10 (1) The reasons for and appropriate uses of
11 part 12 of the Federal Acquisition Regulation, in-
12 cluding the preference for the acquisition of commer-
13 cial items under section 2377 of title 10, United
14 States Code.

15 (2) The definition of a commercial item, includ-
16 ing the interpretation of the phrase “of a type”.

17 (3) Price analysis and negotiations.

18 (4) Market research and analysis.

19 (5) Independent cost estimates.

20 (6) Parametric estimating methods.

21 (7) Value analysis.

22 (8) Other topics on the acquisition of commer-
23 cial items necessary to ensure a well-educated acqui-
24 sition workforce.

25 (b) STUDENT ENROLLMENT.—The President of the
26 Defense Acquisition University shall set goals for student

- 1 enrollment for the training program established under
- 2 subsection (a).

1 **SEC. 902 [Log 65912]. REPEAL OF OFFICE OF CORROSION**
2 **POLICY AND OVERSIGHT.**

3 (a) REPEAL.—Section 2228 of title 10, United States
4 Code, is repealed.

5 (b) CLERICAL AMENDMENT.—The table of sections
6 at the beginning of chapter 131 of title 10, United States
7 Code, is amended by striking the item relating to section
8 2228.

1 **Subtitle B—Other Matters**

2 **SEC. 921 [Log 64861]. TRANSITION OF THE OFFICE OF THE**
3 **SECRETARY OF DEFENSE TO REFLECT ES-**
4 **TABLISHMENT OF POSITIONS OF UNDER SEC-**
5 **RETARY OF DEFENSE FOR RESEARCH AND**
6 **ENGINEERING, UNDER SECRETARY OF DE-**
7 **FENSE FOR ACQUISITION AND SUSTAINMENT,**
8 **AND CHIEF MANAGEMENT OFFICER.**

9 (a) REFERENCES TO POSITIONS PENDING EXECU-
10 TION OF AMENDMENTS.—Until February 1, 2018, any
11 reference in this Act, or an amendment made by this
12 Act—

13 (1) to the position of Under Secretary of De-
14 fense for Research and Engineering, to be estab-
15 lished by the amendment made by section 901(a) of
16 the National Defense Authorization Act for Fiscal
17 Year 2017 (Public Law 114–328; 130 Stat. 2339),
18 shall be deemed to be a reference to the Under Sec-
19 retary of Defense for Acquisition, Technology, and
20 Logistics under section 133 of title 10, United
21 States Code;

22 (2) to the position of Under Secretary of De-
23 fense for Acquisition and Sustainment, to be estab-
24 lished by the amendment made by section 901(b) of
25 the National Defense Authorization Act for Fiscal

1 Year 2017 (Public Law 114–328; 130 Stat. 2340),
2 shall be deemed to be a reference to the Under Sec-
3 retary of Defense for Acquisition, Technology, and
4 Logistics under section 133 of title 10, United
5 States Code; and

6 (3) to the position of Chief Management Officer
7 of the Department of Defense, to be established by
8 section 901(c) of the National Defense Authorization
9 Act for Fiscal Year 2017 (Public Law 114–328; 130
10 Stat. 2341; 10 U.S.C. 131 note), shall be deemed to
11 be a reference to the Deputy Secretary of Defense
12 under section 132 of title 10, United States Code.

13 (b) SERVICE OF INCUMBENTS.—

14 (1) PRINCIPAL DEPUTY UNDER SECRETARY OF
15 DEFENSE FOR ACQUISITION, TECHNOLOGY, AND LO-
16 GISTICS.—The individual serving as Principal Dep-
17 uty Under Secretary of Defense for Acquisition,
18 Technology, and Logistics under section 137a(c)(1)
19 of title 10, United States Code, as of February 1,
20 2018, may continue to serve as Under Secretary of
21 Defense for Acquisition and Sustainment com-
22 mencing as of that date, without further appoint-
23 ment under section 133b of such title, as added by
24 section 901(b) of the National Defense Authoriza-

1 tion Act for Fiscal Year 2017 (Public Law 114–328;
2 130 Stat. 2340).

3 (2) DEPUTY CHIEF MANAGEMENT OFFICER.—

4 The individual serving as Deputy Chief Management
5 Officer of the Department of Defense under section
6 132a of title 10, United States Code, as of February
7 1, 2018, may continue to serve as Chief Manage-
8 ment Officer commencing as of that date, without
9 further appointment under section 901(c) of the Na-
10 tional Defense Authorization Act for Fiscal Year
11 2017 (Public Law 114–328; 130 Stat. 2341; 10
12 U.S.C. 131 note).

1 **SEC. 922 [Log 65735]. EXTENSION OF DEADLINES FOR RE-**
2 **PORTING AND BRIEFING REQUIREMENTS**
3 **FOR COMMISSION ON THE NATIONAL DE-**
4 **FENSE STRATEGY FOR THE UNITED STATES.**

5 Section 942(e) of the National Defense Authorization
6 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
7 2368) is amended—

8 (1) in paragraph (1), by striking “December 1,
9 2017” and inserting “January 31, 2018”; and

10 (2) in paragraph (2), by striking “June 1,
11 2017” and inserting “September 1, 2017”.

1 **Subtitle A—Financial Matters**

2 **SEC. 1001 [Log 65149]. GENERAL TRANSFER AUTHORITY.**

3 (a) **AUTHORITY TO TRANSFER AUTHORIZATIONS.—**

4 (1) **AUTHORITY.**—Upon determination by the
5 Secretary of Defense that such action is necessary in
6 the national interest, the Secretary may transfer
7 amounts of authorizations made available to the De-
8 partment of Defense in this division for fiscal year
9 2018 between any such authorizations for that fiscal
10 year (or any subdivisions thereof). Amounts of au-
11 thorizations so transferred shall be merged with and
12 be available for the same purposes as the authoriza-
13 tion to which transferred.

14 (2) **LIMITATION.**—Except as provided in para-
15 graph (3), the total amount of authorizations that
16 the Secretary may transfer under the authority of
17 this section may not exceed \$5,000,000,000.

18 (3) **EXCEPTION FOR TRANSFERS BETWEEN**
19 **MILITARY PERSONNEL AUTHORIZATIONS.**—A trans-
20 fer of funds between military personnel authoriza-
21 tions under title IV shall not be counted toward the
22 dollar limitation in paragraph (2).

23 (b) **LIMITATIONS.**—The authority provided by sub-
24 section (a) to transfer authorizations—

1 (1) may only be used to provide authority for
2 items that have a higher priority than the items
3 from which authority is transferred; and

4 (2) may not be used to provide authority for an
5 item that has been denied authorization by Con-
6 gress.

7 (c) EFFECT ON AUTHORIZATION AMOUNTS.—A
8 transfer made from one account to another under the au-
9 thority of this section shall be deemed to increase the
10 amount authorized for the account to which the amount
11 is transferred by an amount equal to the amount trans-
12 ferred.

13 (d) NOTICE TO CONGRESS.—The Secretary shall
14 promptly notify Congress of each transfer made under
15 subsection (a).

1 **SEC. 1002 [Log 65257]. PREPARATION OF CONSOLIDATED**
2 **CORRECTIVE ACTION PLAN AND IMPLEMEN-**
3 **TATION OF CENTRALIZED REPORTING SYS-**
4 **TEM.**

5 (a) ESTABLISHMENT.—In accordance with the rec-
6 ommendations included in the Government Accountability
7 Office report numbered GAO-17-85 and entitled “DOD
8 Financial Management: Significant Efforts Still Needed
9 for Remediating Audit Readiness Deficiencies”, the Under
10 Secretary of Defense (Comptroller) of the Department of
11 Defense shall—

12 (1) on a bimonthly basis, prepare a consolidated
13 corrective action plan management summary on the
14 status of all corrective actions plans related to crit-
15 ical capabilities for the military services and for the
16 service providers and other defense organizations;
17 and

18 (2) develop and implement a centralized moni-
19 toring and reporting process that captures and
20 maintains up-to-date information, including the
21 standard data elements recommended in the imple-
22 mentation guide for Office of Management and
23 Budget Circular A-123, for all corrective action
24 plans and findings and recommendations Depart-
25 ment-wide that pertain to critical capabilities.

1 (b) EFFECTIVE DATE.—Subsection (a) shall take ef-
2 fect on October 1, 2017.

1 **Subtitle B—Naval Vessels and**
2 **Shipyards**

3 **SEC. 1011 [Log 65045]. NATIONAL DEFENSE SEALIFT FUND.**

4 (a) FUND PURPOSES; DEPOSITS.—Section 2218 of
5 title 10, United States Code, is amended—

6 (1) in subsection (c)—

7 (A) in paragraph (1)—

8 (i) by striking subparagraph (D); and

9 (ii) by redesignating subparagraph

10 (E) as subparagraph (D);

11 (B) in paragraph (3), by striking “or (D)”;

12 and

13 (2) in subsection (d)—

14 (A) in paragraph (1)—

15 (i) in subparagraph (B), by inserting

16 “and” after the semicolon;

17 (ii) in subparagraph (C), by striking

18 “; and” and inserting a period; and

19 (iii) by striking subparagraph (D);

20 (B) by striking paragraph (2);

21 (C) by redesignating paragraph (3) as

22 paragraph (2); and

23 (D) by adding at the end the following new

24 paragraph (3):

1 “(3) Any other funds made available to the De-
2 partment of Defense to carry out any of the pur-
3 poses described in subsection (c).”.

4 (b) **AUTHORITY TO PURCHASE USED VESSELS.**—
5 Subsection (f) of such section is amended by adding at
6 the end the following new paragraph:

7 “(3)(A) Notwithstanding the limitations under sub-
8 section (c)(1)(E) and paragraph (1), the Secretary of De-
9 fense may, as part of a program to recapitalize the Ready
10 Reserve Force component of the national defense reserve
11 fleet and the Military Sealift Command surge fleet, pur-
12 chase any used vessel, regardless of where such vessel was
13 constructed if such vessel—

14 “(i) participated in the Maritime Security Fleet;
15 and

16 “(ii) is available for purchase at a reasonable
17 cost, as determined by the Secretary.

18 “(B) If the Secretary determines that no used vessel
19 meeting the requirements under clauses (i) and (ii) of sub-
20 paragraph (A) is available, the Secretary may purchase
21 a used vessel comparable to a vessel described in clause
22 (i) of subparagraph (A), regardless of the source of the
23 vessel or where the vessel was constructed, if such vessel
24 is available for purchase at a reasonable cost, as deter-
25 mined by the Secretary.

1 “(C) The Secretary may not use the authority under
2 this paragraph to purchase more than five additional for-
3 eign constructed ships. Any such ships may not be pur-
4 chased at a rate that exceeds one vessel constructed out-
5 side the United States for every new Department of De-
6 fense sealift vessel authorized by law to be constructed.”;
7 and

8 (c) DEFINITION OF MARITIME SECURITY FLEET.—
9 Subsection (k) of such section is amended by adding at
10 the end the following new paragraph:

11 “(5) The term ‘Maritime Security Fleet’ means
12 the fleet established under section 53102(a) of title
13 46.”.

14 (d) TECHNICAL AMENDMENT.—Such section is fur-
15 ther amended by striking “(50 U.S.C. App. 1744)” each
16 place it appears and inserting “(50 U.S.C. 4405)”.

1 **SEC. 1022 [Log 64894]. PROHIBITION ON USE OF FUNDS FOR**
2 **TRANSFER OR RELEASE OF INDIVIDUALS DE-**
3 **TAINED AT UNITED STATES NAVAL STATION,**
4 **GUANTANAMO BAY, CUBA TO THE UNITED**
5 **STATES.**

6 No amounts authorized to be appropriated or other-
7 wise made available for the Department of Defense may
8 be used during the period beginning on the date of the
9 enactment of this Act and ending on December 31, 2018,
10 to transfer, release, or assist in the transfer or release to
11 or within the United States, its territories, or possessions
12 of Khalid Sheikh Mohammed or any other detainee who—

13 (1) is not a United States citizen or a member
14 of the Armed Forces of the United States; and

15 (2) is or was held on or after January 20,
16 2009, at United States Naval Station, Guantanamo
17 Bay, Cuba, by the Department of Defense.

1 **SEC. 1023 [Log 64895]. PROHIBITION ON USE OF FUNDS TO**
2 **CONSTRUCT OR MODIFY FACILITIES IN THE**
3 **UNITED STATES TO HOUSE DETAINEES**
4 **TRANSFERRED FROM UNITED STATES NAVAL**
5 **STATION, GUANTANAMO BAY, CUBA.**

6 (a) IN GENERAL.—No amounts authorized to be ap-
7 propriated or otherwise made available for the Depart-
8 ment of Defense may be used during the period beginning
9 on the date of the enactment of this Act and ending on
10 December 31, 2018, to construct or modify any facility
11 in the United States, its territories, or possessions to
12 house any individual detained at Guantanamo for the pur-
13 poses of detention or imprisonment in the custody or
14 under the control of the Department of Defense.

15 (b) EXCEPTION.—The prohibition in subsection (a)
16 shall not apply to any modification of facilities at United
17 States Naval Station, Guantanamo Bay, Cuba.

18 (c) INDIVIDUAL DETAINED AT GUANTANAMO DE-
19 FINED.—In this section, the term “individual detained at
20 Guantanamo” has the meaning given that term in section
21 1034(f)(2) of the National Defense Authorization Act for
22 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 971; 10
23 U.S.C. 801 note).

1 **SEC. 1024 [Log 64896]. PROHIBITION ON USE OF FUNDS FOR**
2 **TRANSFER OR RELEASE OF INDIVIDUALS DE-**
3 **TAINED AT UNITED STATES NAVAL STATION,**
4 **GUANTANAMO BAY, CUBA, TO CERTAIN**
5 **COUNTRIES.**

6 No amounts authorized to be appropriated or other-
7 wise made available for the Department of Defense may
8 be used during the period beginning on the date of the
9 enactment of this Act and ending on December 31, 2018,
10 to transfer, release, or assist in the transfer or release of
11 any individual detained in the custody or under the control
12 of the Department of Defense at United States Naval Sta-
13 tion, Guantanamo Bay, Cuba, to the custody or control
14 of any country, or any entity within such country, as fol-
15 lows:

- 16 (1) Libya.
17 (2) Somalia.
18 (3) Syria.
19 (4) Yemen.

1 **SEC. 1032 [Log 65120]. MODIFICATIONS TO HUMANITARIAN**
2 **DEMINE ASSISTANCE AUTHORITIES.**

3 (a) MODIFICATION TO THE ROLE OF ARMED FORCES
4 IN PROVIDING HUMANITARIAN DEMINE ASSISTANCE.—
5 Subsection (a)(3) of section 407 of title 10, United States
6 Code, is amended—

7 (1) in the matter preceding subparagraph (A),
8 by striking “or stockpiled conventional munitions as-
9 sistance”; and

10 (2) in subparagraph (A)—

11 (A) by inserting “, unexploded explosive
12 ordnance,” after “landmines”; and

13 (B) by striking “, or stockpiled conven-
14 tional munitions, as applicable”.

15 (b) MODIFICATION TO DEFINITION OF HUMANI-
16 TARIAN DEMINE ASSISTANCE.—Subsection (e)(1) of
17 such section is amended—

18 (1) by inserting “, unexploded explosive ord-
19 nance,” after “landmines” in each place it appears;
20 and

21 (2) by striking “, and the disposal” and all that
22 follows and inserting a period.

23 (c) MODIFICATION TO DEFINITION OF STOCKPILED
24 CONVENTIONAL MUNITIONS ASSISTANCE.—Subsection
25 (e)(2) of such section is amended, in the second sentence,

- 1 by striking “, the detection and clearance of landmines
- 2 and other explosive remnants of war,”.

1 **SEC. 1034 [Log 64962]. LIMITATION ON DIVESTMENT OF U-2**
2 **OR RQ-4 AIRCRAFT.**

3 (a) LIMITATION.—

4 (1) IN GENERAL.—Except as provided in para-
5 graph (2), none of the funds authorized to be appro-
6 priated by this Act or otherwise made available for
7 the Department of Defense for any fiscal year before
8 fiscal year 2024 may be obligated or expended to
9 prepare to divest, divest, place in storage, or place
10 in a status awaiting further disposition of the pos-
11 sessing commander any U-2 or RQ-4 aircraft of the
12 Department of Defense.

13 (2) EXCEPTION.—Paragraph (1) shall not
14 apply to an individual U-2 or RQ-4 aircraft that the
15 Secretary of the Air Force determines, on a case-by-
16 case basis, to be non-returnable to flying service due
17 to any mishap, other damage, or being uneconomical
18 to repair.

19 (b) CONFORMING REPEAL.—Section 133 of the Na-
20 tional Defense Authorization Act for Fiscal Year 2012
21 (Public Law 112–81) is hereby repealed.

1 **Subtitle E—Studies and Reports**

2 **SEC. 1041 [Log 64854]. ELIMINATION OF REPORTING RE-**
3 **QUIREMENTS TERMINATED AFTER NOVEM-**
4 **BER 25, 2017, PURSUANT TO SECTION 1080 OF**
5 **THE NATIONAL DEFENSE AUTHORIZATION**
6 **ACT FOR FISCAL YEAR 2016.**

7 (a) TITLE 10, UNITED STATES CODE.—Title 10,
8 United States Code, is amended as follows:

9 (1) SECTION 113 REPORTS.—

10 (A) RESERVE FORCES POLICY BOARD RE-
11 PORT.—Section 113(c) is amended—

12 (i) by striking paragraph (2);

13 (ii) by striking “(1)” after “(c)”; and

14 (iii) by redesignating subparagraphs
15 (A), (B), and (C) as paragraphs (1), (2),
16 and (3), respectively.

17 (B) TOTAL FORCE MANAGEMENT RE-
18 PORT.—Section 113 is amended by striking
19 subsection (l).

20 (2) ANNUAL DEFENSE MANPOWER REQUIRE-
21 MENTS REPORT.—

22 (A) ELIMINATION.—Section 115a is re-
23 pealed.

1 (B) CLERICAL AMENDMENT.—The table of
2 sections at the beginning of chapter 2 is amend-
3 ed by striking the item relating to section 115a.

4 (3) INFORMATION ON PROCUREMENT OF CON-
5 TRACT SERVICES.—

6 (A) ELIMINATION.—Section 235 is re-
7 pealed.

8 (B) CLERICAL AMENDMENT.—The table of
9 sections at the beginning of chapter 9 is amend-
10 ed by striking the item relating to section 235.

11 (4) DEFENSE INDUSTRIAL SECURITY RE-
12 PORT.—Section 428 is amended by striking sub-
13 section (f).

14 (5) MILITARY MUSICAL UNITS GIFT REPORT.—
15 Section 974(d) is amended by striking paragraph
16 (3).

17 (6) HEALTH PROTECTION QUALITY REPORT.—
18 Section 1073b is amended—

19 (A) by striking subsection (a); and

20 (B) by redesignating subsections (b) and
21 (c) as subsections (a) and (b), respectively.

22 (7) MASTER PLANS FOR REDUCTIONS IN CIVIL-
23 IAN POSITIONS.—

24 (A) IN GENERAL.—Section 1597 is amend-
25 ed—

- 1 (i) by striking subsection (e);
2 (ii) by striking subsections (d), (e),
3 and (f) as subsections (c), (d), and (e), re-
4 spectively; and
5 (iii) in subsection (c), as redesignated,
6 by striking “or a master plan prepared
7 under subsection (c)”.

8 (B) CONFORMING AMENDMENTS.—Section
9 129a(d) is amended—

- 10 (i) by striking paragraphs (1) and (2);
11 and
12 (ii) by redesignating paragraphs (3)
13 and (4) as paragraphs (1) and (2), respec-
14 tively.

15 (8) ACQUISITION WORKFORCE DEVELOPMENT
16 FUND REPORT.—Section 1705 is amended—

17 (A) in subsection (e)(1), by striking “sub-
18 section (h)(2)” and inserting “subsection
19 (g)(2)”;

20 (B) by striking subsection (f); and

21 (C) by redesignating subsections (g) and
22 (h) as subsections (f) and (g), respectively.

23 (9) ACQUISITION CORPS REPORT.—Section
24 1722b is amended by striking subsection (e).

1 (10) MILITARY FAMILY READINESS REPORT.—
2 Section 1781b is amended by striking subsection (d).

3 (11) PROFESSIONAL MILITARY EDUCATION RE-
4 PORT.—

5 (A) ELIMINATION.—Section 2157 is re-
6 pealed.

7 (B) CLERICAL AMENDMENT.—The table of
8 sections at the beginning of chapter 107 is
9 amended by striking the item relating to section
10 2157.

11 (12) STARBASE PROGRAM REPORT.—Section
12 2193b is amended—

13 (A) by striking subsection (g); and

14 (B) by redesignating subsection (h) as sub-
15 section (g).

16 (13) DEPARTMENT OF DEFENSE CONFERENCES
17 FEE-COLLECTION REPORT.—Section 2262 is amend-
18 ed by striking subsection (d).

19 (14) UNITED STATES CONTRIBUTIONS TO NATO
20 COMMON-FUNDED BUDGETS REPORT.—Section 2263
21 is amended—

22 (A) by striking subsection (b); and

23 (B) by redesignating subsection (c) as sub-
24 section (b).

1 (15) FOREIGN COUNTER-SPACE PROGRAMS RE-
2 PORT.—

3 (A) ELIMINATION.—Section 2277 is re-
4 pealed.

5 (B) CLERICAL AMENDMENT.—The table of
6 sections at the beginning of chapter 135 is
7 amended by striking the item relating to section
8 2277.

9 (16) USE OF MULTIYEAR CONTRACTS RE-
10 PORT.—Section 2306b(1)(4) is amended by striking
11 “Not later than” and all that follows through the
12 colon and inserting the following: “Each report re-
13 quired by paragraph (5) with respect to a contract
14 (or contract extension) shall contain the following:”.

15 (17) BURDEN SHARING CONTRIBUTIONS RE-
16 PORT.—Section 2350j is amended by striking sub-
17 section (f).

18 (18) CONTRACT PROHIBITION WAIVER RE-
19 PORT.—Section 2410i(c) is amended by striking the
20 second sentence.

21 (19) STRATEGIC SOURCING PLAN OF ACTION
22 REPORT.—Subsection (a) of section 2475 is amend-
23 ed to read as follows:

24 “(a) STRATEGIC SOURCING PLAN OF ACTION DE-
25 FINED.—In this section, the term ‘Strategic Sourcing

1 Plan of Action’ means a Strategic Sourcing Plan of Action
2 for the Department of Defense (as identified in the De-
3 partment of Defense Interim Guidance dated February
4 29, 2000, or any successor Department of Defense guid-
5 ance or directive) in effect for a fiscal year.”.

6 (20) TECHNOLOGY AND INDUSTRIAL BASE POL-
7 ICY GUIDANCE REPORT.—Section 2506 is amend-
8 ed—

9 (A) by striking subsection (b); and

10 (B) in subsection (a), by striking “Such
11 guidance” and inserting the following:

12 “(b) PURPOSE OF GUIDANCE.—The guidance pre-
13 scribed pursuant to subsection (a)”.

14 (21) FOREIGN-CONTROLLED CONTRACTORS RE-
15 PORT.—Section 2537 is amended—

16 (A) by striking subsection (b); and

17 (B) by redesignating subsection (c).

18 (22) SUPPORT FOR SPORTING EVENTS RE-
19 PORT.—Section 2564 is amended—

20 (A) by striking subsection (e); and

21 (B) by redesignating subsections (f) and
22 (g) as subsections (e) and (f), respectively.

23 (23) GENERAL AND FLAG OFFICER QUARTERS
24 REPORT.—Section 2831 is amended by striking sub-
25 section (e).

1 (24) MILITARY INSTALLATIONS VULNERABILITY
2 ASSESSMENT REPORTS.—Section 2859 is amended—

3 (A) by striking subsection (e); and

4 (B) by designating subsection (d) as sub-
5 section (e).

6 (25) INDUSTRIAL FACILITY INVESTMENT PRO-
7 GRAM CONSTRUCTION REPORT.—Section 2861 is
8 amended by striking subsection (d).

9 (26) STATEMENT OF AMOUNTS AVAILABLE FOR
10 WATER CONSERVATION AT MILITARY INSTALLA-
11 TIONS.—Section 2866(b) is amended by striking
12 paragraph (3).

13 (27) ACQUISITION OR CONSTRUCTION OF MILI-
14 TARY UNACCOMPANIED HOUSING PILOT PROJECTS
15 REPORT.—Section 2881a is amended by striking
16 subsection (e).

17 (28) STATEMENT OF AMOUNTS AVAILABLE
18 FROM ENERGY COST SAVINGS.—Section 2912 is
19 amended by striking subsection (d).

20 (29) ARMY TRAINING REPORT.—

21 (A) ELIMINATION.—Section 4316 is re-
22 pealed.

23 (B) CLERICAL AMENDMENT.—The table of
24 sections at the beginning of chapter 401 is

1 amended by striking the item relating to section
2 4316.

3 (30) STATE OF THE ARMY RESERVE REPORT.—
4 Section 3038(f) is amended—

5 (A) by striking “(1)” before “The”; and

6 (B) by striking paragraph (2).

7 (31) STATE OF THE MARINE CORPS RESERVE
8 REPORT.—Section 5144(d) is amended—

9 (A) by striking “(1)” before “The”; and

10 (B) by striking paragraph (2).

11 (32) STATE OF THE AIR FORCE RESERVE RE-
12 PORT.—Section 8038(f) is amended—

13 (A) by striking “(1)” before “The”; and

14 (B) by striking paragraph (2).

15 (33) NATIONAL GUARD BUREAU REPORT.—Sec-
16 tion 10504 is amended by striking subsection (b).

17 (b) TITLE 32, UNITED STATES CODE.—Section 509
18 of title 32, United States Code, relating to an annual re-
19 port on the National Guard Youth Challenge Program, is
20 amended—

21 (1) by striking subsection (k); and

22 (2) by redesignating subsections (l) and (m) as
23 subsections (k) and (l).

24 (c) DEPARTMENT OF DEFENSE AUTHORIZATION
25 ACT, 1985.—Section 1003 of the Department of Defense

1 Authorization Act, 1985 (Public Law 98–525; 22 U.S.C.
2 1928 note), relating to an annual report on allied con-
3 tributions to the common defense, is amended by striking
4 subsections (c) and (d).

5 (d) NATIONAL DEFENSE AUTHORIZATION ACT, FIS-
6 CAL YEAR 1989.—Section 1009 of the National Defense
7 Authorization Act, Fiscal Year 1989 (Public Law 100–
8 456; 22 U.S.C. 1928 note), relating to an annual report
9 on the official development assistance program of Japan,
10 is amended by striking subsection (b).

11 (e) NATIONAL DEFENSE AUTHORIZATION ACT FOR
12 FISCAL YEAR 1991.—Section 1518 of the Defense Au-
13 thorization Act for Fiscal Year 1991 (Public Law 101–
14 510; 24 U.S.C. 418), relating to reports on the results
15 of inspection of Armed Forces Retirement Homes, is
16 amended—

17 (1) in subsection (c)(1), by striking “Congress
18 and”; and

19 (2) in subsection (e)—

20 (A) by striking paragraph (2);

21 (B) by striking “(1)” before “Not later”;

22 and

23 (C) by redesignating subparagraphs (A)

24 and (B) as paragraphs (1) and (2), respectively.

1 (f) NATIONAL DEFENSE AUTHORIZATION ACT FOR
2 FISCAL YEARS 1992 AND 1993.—Section 1046 of the Na-
3 tional Defense Authorization Act for Fiscal Years 1992
4 and 1993 (Public Law 102–190; 22 U.S.C. 1928 note),
5 relating to an annual report on defense cost-sharing, is
6 amended by striking subsections (e) and (f).

7 (g) NATIONAL DEFENSE AUTHORIZATION ACT FOR
8 FISCAL YEAR 1994.—Section 1603 of the National De-
9 fense Authorization Act for Fiscal Year 1994 (Public Law
10 103–160; 22 U.S.C. 2751 note), relating to an annual re-
11 port on counterproliferation policy and programs of the
12 United States, is amended by striking subsection (d).

13 (h) NATIONAL DEFENSE AUTHORIZATION ACT FOR
14 FISCAL YEAR 1995.—Section 533 of the National Defense
15 Authorization Act for Fiscal Year 1995 (Public Law 103–
16 337; 10 U.S.C. 113 note), relating to an annual report
17 on personnel readiness factors by race and gender, is re-
18 pealed.

19 (i) NATIONAL DEFENSE AUTHORIZATION ACT FOR
20 FISCAL YEAR 2000.—Section 366 of the National Defense
21 Authorization Act for Fiscal Year 2000 (Public Law 106–
22 65; 10 U.S.C. 113 note), relating to an annual report on
23 spare parts, logistics, and sustainment standards, is
24 amended by striking subsection (f).

1 (j) NATIONAL DEFENSE AUTHORIZATION ACT FOR
2 FISCAL YEAR 2002.—The National Defense Authoriza-
3 tion Act for Fiscal Year 2002 (Public Law 107–107) is
4 amended as follows:

5 (1) ARMY WORKLOAD AND PERFORMANCE SYS-
6 TEM REPORT.—Section 346 (115 Stat. 1062) is
7 amended—

8 (A) by striking subsections (b) and (c);
9 and

10 (B) by redesignating subsection (d) as sub-
11 section (b).

12 (2) RELIABILITY OF FINANCIAL STATEMENTS
13 REPORT.—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 (k) 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), relating to
22 an annual report on commercial item and exceptional case
23 exceptions and waivers, is amended—

24 (1) by striking subsection (d); and

1 (2) by redesignating subsection (e) as sub-
2 section (d).

3 (l) NATIONAL DEFENSE AUTHORIZATION ACT FOR
4 FISCAL YEAR 2004.—Section 1022 of the National De-
5 fense Authorization Act for Fiscal Year 2004 (Public Law
6 108–136), relating to an annual report on support to law
7 enforcement agencies conducting counter-terrorism activi-
8 ties, is amended—

9 (1) by striking subsection (e); and

10 (2) by redesignating subsections (d) and (e) as
11 subsections (c) and (d).

12 (m) NATIONAL DEFENSE AUTHORIZATION ACT FOR
13 2006.—The National Defense Authorization Act for 2006
14 (Public Law 109–163) is amended as follows:

15 (1) NOTIFICATION OF ADJUSTMENT IN LIMITA-
16 TION AMOUNT FOR NEXT-GENERATION DESTROYER
17 PROGRAM.—Section 123 (119 Stat. 3156) is amend-
18 ed—

19 (A) by striking subsection (d); and

20 (B) by redesignating subsection (e) as sub-
21 section (d).

22 (2) CERTIFICATION OF BUDGETS FOR JOINT
23 TACTICAL RADIO SYSTEM REPORT.—Section 218(c)
24 (119 Stat. 3171) is amended by striking paragraph
25 (3).

1 (3) DEPARTMENT OF DEFENSE COSTS TO
2 CARRY OUT UNITED NATIONS RESOLUTIONS RE-
3 PORT.—Section 1224 (10 U.S.C. 113 note) is re-
4 pealed.

5 (n) NATIONAL DEFENSE AUTHORIZATION ACT FOR
6 FISCAL YEAR 2007.—Section 357(b) of the John Warner
7 National Defense Authorization Act for Fiscal Year 2007
8 (Public Law 109–364; 22 U.S.C. 4865 note), relating to
9 an annual report on Department of Defense overseas per-
10 sonnel subject to chief of mission authority, is amended
11 by striking “shall submit to the congressional defense
12 committees” and inserting “shall prepare”.

13 (o) NATIONAL DEFENSE AUTHORIZATION ACT FOR
14 FISCAL YEAR 2008.—The National Defense Authoriza-
15 tion Act for Fiscal Year 2008 (Public Law 110–181) is
16 amended as follows:

17 (1) ARMY INDUSTRIAL FACILITIES COOPERA-
18 TIVE ACTIVITIES REPORT.—Section 328 (10 U.S.C.
19 4544 note) is amended by striking subsection (b).

20 (2) ARMY PRODUCT IMPROVEMENT REPORT.—
21 Section 330 (122 Stat. 68) is amended by striking
22 subsection (e).

23 (p) NATIONAL DEFENSE AUTHORIZATION ACT FOR
24 FISCAL YEAR 2009.—The Duncan Hunter National De-

1 fense Authorization Act for Fiscal Year 2009 (Public Law
2 110–417) is amended as follows:

3 (1) SUPPORT FOR NON-CONVENTIONAL AS-
4 SISTED RECOVERY ACTIVITIES REPORT.—Section
5 943 (122 Stat. 4578) is amended—

6 (A) by striking subsection (e); and

7 (B) by redesignating subsections (f), (g),
8 and (h) as subsections (e), (f), and (g), respec-
9 tively.

10 (2) REIMBURSEMENT OF NAVY MESS EXPENSES
11 REPORT.—Section 1014 (122 Stat. 4585) is amend-
12 ed by striking subsection (c).

13 (3) ELECTROMAGNETIC PULSE ATTACK RE-
14 PORT.—Section 1048 (122 Stat. 4603) is repealed.

15 (q) NATIONAL DEFENSE AUTHORIZATION ACT FOR
16 FISCAL YEAR 2010.—Section 121 of the National Defense
17 Authorization Act for Fiscal Year 2010 (Public Law 111–
18 84; 123 Stat. 2211), relating to an annual report on the
19 Littoral Combat Ship Program, is amended by striking
20 subsection (e).

21 (r) NATIONAL DEFENSE AUTHORIZATION ACT FOR
22 FISCAL YEAR 2011.—The Ike Skelton National Defense
23 Authorization Act for Fiscal Year 2011 (Public Law 111–
24 383) is amended as follows:

1 (1) NAVY AIRBORNE SIGNALS INTELLIGENCE,
2 SURVEILLANCE, AND RECONNAISSANCE CAPABILI-
3 TIES REPORT.—Section 112(b) (124 Stat. 4153) is
4 amended—

5 (A) by striking paragraph (3); and

6 (B) by redesignating paragraph (4) as
7 paragraph (3).

8 (2) INCLUSION OF TECHNOLOGY PROTECTION
9 FEATURES DURING RESEARCH AND DEVELOPMENT
10 OF DEFENSE SYSTEMS REPORT.—Section 243 (10
11 U.S.C. 2358 note) is amended—

12 (A) by striking subsection (c); and

13 (B) by redesignating subsections (d) and
14 (e) as subsections (c) and (d), respectively.

15 (3) ACQUISITION OF MILITARY PURPOSE NON-
16 DEVELOPMENTAL ITEMS REPORT.—Section 866 (10
17 U.S.C. 2302 note) is amended—

18 (A) by striking subsection (d); and

19 (B) by redesignating subsection (e) as sub-
20 section (d).

21 (4) NUCLEAR TRIAD REPORT.—Section 1054
22 (10 U.S.C. 113 note) is repealed.

23 (s) NATIONAL DEFENSE AUTHORIZATION ACT FOR
24 FISCAL YEAR 2012.—The National Defense Authoriza-

1 tion Act for Fiscal Year 2012 (Public Law 112–81) is
2 amended as follows:

3 (1) PERFORMANCE MANAGEMENT SYSTEM AND
4 APPOINTMENT PROCEDURES REPORT.—Section 1102
5 (5 U.S.C. 9902 note) is amended by striking sub-
6 section (b).

7 (2) GLOBAL SECURITY CONTINGENCY FUND RE-
8 PORT.—Section 1207 (22 U.S.C. 2151 note) is
9 amended—

10 (A) by striking subsection (n); and

11 (B) by redesignating subsections (o) and
12 (p) as subsections (n) and (o).

13 (3) DATA SERVERS AND CENTERS COST SAV-
14 INGS REPORT.—Section 2867 (10 U.S.C. 2223a
15 note) is amended by striking subsection (d).

16 (t) NATIONAL DEFENSE AUTHORIZATION ACT FOR
17 FISCAL YEAR 2013.—The National Defense Authoriza-
18 tion Act for Fiscal Year 2013 (Public Law 112–239) is
19 amended as follows:

20 (1) F–22A RAPTOR MODERNIZATION PROGRAM
21 REPORT.—Section 144 (126 Stat. 1663) is amended
22 by striking subsection (c).

23 (2) TRICARE MAIL-ORDER PHARMACY PRO-
24 GRAM REPORT.—Section 716 (10 U.S.C. 1074g
25 note) is amended—

1 (A) by striking subsection (e); and

2 (B) by redesignating subsections (f) and
3 (g) as subsections (e) and (f).

4 (3) WARRIORS IN TRANSITION PROGRAMS RE-
5 PORT.—Section 738 (10 U.S.C. 1071 note) is
6 amended—

7 (A) by striking subsection (e); and

8 (B) by redesignating subsection (f) as sub-
9 section (e).

10 (4) USE OF INDEMNIFICATION AGREEMENTS
11 REPORT.—Section 865 (126 Stat. 1861) is repealed.

12 (5) COUNTER SPACE TECHNOLOGY REPORT.—
13 Section 917 (126 Stat. 1878) is repealed.

14 (6) IMAGERY INTELLIGENCE AND GEOSPATIAL
15 INFORMATION SUPPORT REPORT.—Section 921 (126
16 Stat. 1878) is amended by striking subsection (c).

17 (7) COMPUTER NETWORK OPERATIONS COORDI-
18 NATION REPORT.—Section 1079 (10 U.S.C. 221
19 note) is amended by striking subsection (c).

20 (8) UPDATES OF ACTIVITIES OF OFFICE OF SE-
21 CURITY COOPERATION IN IRAQ REPORT.—Section
22 1211 (126 Stat. 1983) is amended by striking para-
23 graph (3).

1 (9) UNITED STATES PARTICIPATION IN THE
2 ATARES PROGRAM REPORT.—Section 1276 (10
3 U.S.C. 2350c note) is amended—

4 (A) by striking subsections (e) and (f); and
5 (B) by redesignating subsection (g) as sub-
6 section (e).

7 (u) NATIONAL DEFENSE AUTHORIZATION ACT FOR
8 FISCAL YEAR 2014.—The National Defense Authoriza-
9 tion Act for Fiscal Year 2014 (Public Law 113–66) is
10 amended as follows:

11 (1) MODERNIZING PERSONNEL SECURITY
12 STRATEGY METRICS REPORT.—Section 907(c)(3) (10
13 U.S.C. 1564 note) is amended—

14 (A) by striking “(A) METRICS RE-
15 QUIRED.—In” and inserting “In”; and

16 (B) by striking subparagraph (B).

17 (2) DEFENSE CLANDESTINE SERVICE RE-
18 PORT.—Section 923 (10 U.S.C. prec. 421 note) is
19 amended—

20 (A) by striking subsection (b); and

21 (B) by redesignating subsections (c), (d),
22 and (e) as subsection (b), (c), and (d), respec-
23 tively.

1 (3) INTERNATIONAL AGREEMENTS RELATING
2 TO DOD REPORT.—Section 1249 (127 Stat. 925) is
3 repealed.

4 (4) SMALL BUSINESS GROWTH REPORT.—Sec-
5 tion 1611 (127 Stat. 946) is amended by striking
6 subsection (d).

7 (v) NATIONAL DEFENSE AUTHORIZATION ACT FOR
8 FISCAL YEAR 2015.—The Carl Levin and Howard P.
9 “Buck” McKeon National Defense Authorization Act for
10 Fiscal Year 2015 (Public Law 113–291) is amended as
11 follows:

12 (1) ASSIGNMENT OF PRIVATE SECTOR PER-
13 SONNEL TO DEFENSE ADVANCED RESEARCH
14 PROJECTS AGENCY REPORT.—Section 232 (10
15 U.S.C. 2358 note) is amended—

16 (A) by striking subsection (e); and

17 (B) by redesignating subsections (f) and
18 (g) as subsections (e) and (f), respectively.

19 (2) GOVERNMENT LODGING PROGRAM RE-
20 PORT.—Section 914 (5 U.S.C. 5911 note) is amend-
21 ed by striking subsection (d).

22 (3) DOD RESPONSE TO COMPROMISES OF CLAS-
23 SIFIED INFORMATION REPORT.—Section 1052 (128
24 Stat. 3497) is repealed.

1 (4) PERSONNEL PROTECTION AND PERSONNEL
2 SURVIVABILITY EQUIPMENT LOAN REPORT.—Section
3 1207 (10 U.S.C. 2342 note) is amended—

4 (A) by striking subsection (d); and

5 (B) by redesignating subsection (e) as sub-
6 section (d).

7 (5) VETTED SYRIAN OPPOSITION ASSISTANCE
8 REPORT.—Section 1209 (128 Stat. 3541) is amend-
9 ed by striking subsection (d).

10 (6) DOD ASSISTANCE TO COUNTER ISIS RE-
11 PORT.—Section 1236 (128 Stat. 3558) is amended
12 by striking subsection (d).

13 (7) COOPERATIVE THREAT REDUCTION PRO-
14 GRAM USE OF CONTRIBUTIONS REPORT.—Section
15 1325 (50 U.S.C. 3715) is amended—

16 (A) by striking subsection (e); and

17 (B) by redesignating subsections (f) and
18 (g) as subsections (e) and (f), respectively.

19 (8) COOPERATIVE THREAT REDUCTION PRO-
20 GRAM FACILITIES CERTIFICATION REPORT.—Section
21 1341 (50 U.S.C. 3741) is repealed.

22 (9) COOPERATIVE THREAT REDUCTION PRO-
23 GRAM PROJECT CATEGORY REPORT.—Section 1342
24 (50 U.S.C. 3742) is repealed.

1 (10) STATEMENT ON ALLOCATION OF FUNDS
2 FOR SPACE SECURITY AND DEFENSE PROGRAM.—
3 Section 1607 (128 Stat. 3625) is amended—

4 (A) by striking “(a) ALLOCATION OF
5 FUNDS.—”;

6 (B) by striking subsections (b), (c), and
7 (d); and

8 (C) by adding at the end the following new
9 sentence: “This requirement shall terminate on
10 December 19, 2019.”.

11 (w) PRESERVATION OF CERTAIN ADDITIONAL RE-
12 PORTS.—Effective as of December 23, 2016, and as if in-
13 cluded therein as enacted, section 1061(c) of the National
14 Defense Authorization Act for Fiscal Year 2017 (Public
15 Law 114–328) is amended as follows:

16 (1) GENERAL DEFENSE REPORTS.—Paragraph
17 (1) is amended by striking “113(i)” and inserting
18 “113(c), (e), and (i)”.

19 (2) ANNUAL OPERATIONS AND MAINTENANCE
20 REPORT.—Paragraph (2) is amended by inserting
21 after “Section” the following: “116 and section”.

22 (3) SELECTED ACQUISITION REPORTS.—Para-
23 graph (44) is amended by inserting after “Section”
24 the following: “2432 and section”.

1 (x) EFFECTIVE DATE.—Except as provided in sub-
2 section (w), the amendments made by this section shall
3 take effect on the later of—

4 (1) the date of the enactment of this Act; or

5 (2) November 25, 2017.

1 **SEC. 1042 [Log 65209]. REPORT ON DEPARTMENT OF DE-**
2 **FENSE ARCTIC CAPABILITY AND RESOURCE**
3 **GAPS.**

4 (a) REPORT REQUIRED.—Not later than 90 days
5 after the date of the enactment of this Act, the Secretary
6 of Defense shall submit to the congressional defense com-
7 mittees a report regarding necessary steps the Depart-
8 ment of Defense is undertaking to resolve arctic security
9 capability and resource gaps.

10 (b) ELEMENTS.—The report under subsection (a)
11 shall include an analysis of each of the following:

12 (1) The infrastructure needed to ensure na-
13 tional security in the arctic region.

14 (2) Any shortfalls in observation, remote sens-
15 ing capabilities, ice prediction, and weather fore-
16 casting.

17 (3) Any shortfalls of the Department in naviga-
18 tional aids.

19 (4) Any additional, necessary high-latitude elec-
20 tronic and communications infrastructure require-
21 ments.

22 (5) Any gaps in intelligence, surveillance, and
23 reconnaissance coverage and recommendations for
24 additional intelligence, surveillance, and reconnais-
25 sance capabilities

1 (6) Any shortfalls in personnel recovery capa-
2 bilities.

3 (7) Any additional capabilities the Secretary de-
4 termines should be incorporated into future Navy
5 surface combatants.

6 (c) FORM OF REPORT.—The report under subsection
7 (a) shall be submitted in unclassified form, but may in-
8 clude a classified annex.

1 **Subtitle F—Other Matters**

2 **SEC. 1051 [Log 64814]. TECHNICAL, CONFORMING, AND**
3 **CLERICAL AMENDMENTS.**

4 (a) TITLE 10, UNITED STATES CODE.—Title 10,
5 United States Code, is amended as follows:

6 (1) Section 113(j)(1) is amended by striking
7 “the Committee on” the first place it appears and
8 all that follows through “of Representatives” and in-
9 serting “congressional defense committees”.

10 (2) Section 115(i)(9) is amended by striking
11 “section 1203(b) of the Cooperative Threat Reduc-
12 tion Act of 1993 (22 U.S.C. 5952(b))” and inserting
13 “section 1321(a) of the Department of Defense Co-
14 operative Threat Reduction Act (50 U.S.C.
15 3711(a))”.

16 (3) Section 122a(a) is amended by striking
17 “acting through the Office of the Assistant Sec-
18 retary of Defense for Public Affairs” and inserting
19 “acting through the Assistant to the Secretary of
20 Defense for Public Affairs”.

21 (4) Section 127(e)(1) is amended by striking
22 “the Committee on” the first place it appears and
23 all that follows through “of Representatives” and in-
24 serting “congressional defense committees”.

25 (5) Section 129a is amended—

1 (A) in subsection (b), by striking “(as
2 identified pursuant to section 118b of this
3 title)”;

4 (B) in subsection (d)—

5 (i) by striking paragraph (1); and

6 (ii) by redesignating paragraphs (2),
7 (3), and (4) as paragraphs (1), (2), and
8 (3), respectively.

9 (6) Section 130f(b)(1) is amended by adding a
10 period at the end.

11 (7) Section 139b(c)(2) is amended by inserting
12 a period at the end of subparagraph (K).

13 (8) Section 153(a) is amended by inserting a
14 colon after “the following” in the matter preceding
15 paragraph (1).

16 (9) Section 162(a)(4) is amended by striking
17 the comma after “command of”.

18 (10) Section 164(a)(1)(B) is amended by strik-
19 ing “section 664(f)” and inserting “section 664(d)”.

20 (11) Section 166(c) is amended by striking
21 “section 2011” and inserting “section 322”.

22 (12) Section 167b(e)(2)(A)(iii)(II) is amended
23 by striking “Fiscal Year 2014” and inserting “Fis-
24 cal Year 2016”.

25 (13) Section 171a is amended—

1 (A) in subsection (f), by striking “(4))”
2 and inserting “(4))”; and

3 (B) in subsection (i)(3), by striking “sec-
4 tion 2366(e)” and inserting “sections 2366(e)
5 and 2366a(d)”.

6 (14) Section 179(f)(3)(B)(iii) is amended by
7 striking “Joints” and inserting “Joint”.

8 (15) Section 181(b)(1) is amended by striking
9 “section 118” and inserting “section 113(g)”.

10 (16) Section 222(b) is amended by striking
11 “both” through the period at the end and inserting
12 “major force programs.”.

13 (17) Section 342(j)(2) is amended by striking
14 the second period at the end.

15 (18) Section 347(a)(1)(A) is amended by insert-
16 ing “section” in clauses (i) and (iii) after “Academy
17 under”.

18 (19) Section 494(b)(2)(B) is amended by strik-
19 ing “of title 10” and inserting “of this title”.

20 (20) Section 661(c) is amended by striking
21 “section 664(f)” in paragraphs (1)(B)(i) and (3)(A)
22 and inserting “section 664(d)”.

23 (21) Section 801 (article 1 of the Uniform Code
24 of Military Justice) is amended in the matter pre-
25 ceding paragraph (1) by striking “chapter:” and in-

1 serting “chapter (the Uniform Code of Military Jus-
2 tice):”.

3 (22) Section 806b(b) (article 6b(b) of the Uni-
4 form Code of Military Justice) is amended by strik-
5 ing “(the Uniform Code of Military Justice)”.

6 (23) Section 1073c(a)(1)(E) is amended by
7 striking “miliary” and inserting “military”.

8 (24) Section 1074g(a)(9) is amended by moving
9 subparagraphs (B) and (C) two ems to the left.

10 (25) Section 1451 is amended in subsections
11 (a) and (b) by striking “section 1450(a)(4)” each
12 place it appears and inserting “section 1450(a)(5)”.

13 (26) Section 1452(c) is amended in paragraphs
14 (1) and (3) by striking “section 1450(a)(4)” both
15 places it appears and inserting “section 1450(a)(5)”.

16 (27) Section 1552(h) is amended by striking
17 “calender” each place it appears and inserting “cal-
18 endar”.

19 (28) Section 1553(f) is amended by striking
20 “calender” each place it appears and inserting “cal-
21 endar”.

22 (29) Section 2264(b)(3) is amended by striking
23 “the date of the” and all the follows through “2015”
24 and inserting “December 19, 2014”.

25 (30) Section 2330a is amended—

1 (A) in subsection (d)(1)(C), by striking
2 “management;” and inserting “management;”;
3 and

4 (B) in subsection (h)—

5 (i) in paragraph (1), by inserting
6 “PERFORMANCE-BASED.—” after “(1)”;

7 (ii) by designating the four para-
8 graphs after paragraph (4) as paragraphs
9 (5), (6), (7), and (8), respectively;

10 (iii) in paragraph (5), as redesignated,
11 by inserting “SERVICE ACQUISITION PORT-
12 FOLIO GROUPS.—” after “(5)”;

13 (iv) in paragraph (6), as redesignated,
14 by inserting “STAFF AUGMENTATION CON-
15 TRACTS.—” after “(6)”.

16 (31) Section 2334(a)(6)(B) is amended by add-
17 ing a semicolon at the end.

18 (32) Section 2335 is amended by striking “(2
19 U.S.C. 431 et seq.)” in subsections (c)(1) and (d)(3)
20 and inserting “(52 U.S.C. 30101 et seq.)”.

21 (33) The table of sections at the beginning of
22 chapter 139 is amended by inserting at period at the
23 end of the items relating to sections 2372 and
24 2372a.

1 (34) Section 2364(a)(6) is amended by striking
2 “conveys” and inserting “convey”.

3 (35) Section 2411(1)(D) is amended by striking
4 “(Public Law 93–638; 25 U.S.C. 450b(l))” and in-
5 serting “(25 U.S.C. 5304(1))”.

6 (36) The item relating to section 2431b in the
7 table of sections at the beginning of chapter 144 is
8 amended to read as follows:

“2431b. Risk management and mitigation in major defense acquisition programs
and major systems.”.

9 (37) Section 2430 is amended by striking “sub-
10 section (a)(2)” in subsections (b) and (c) and insert-
11 ing “subsection (a)(1)(B)”.

12 (38) Section 2431a(d) is amended by inserting
13 “(1)” after “REVIEW.—”.

14 (39) Section 2446b(e) is amended—

15 (A) in the matter preceding paragraph (1),
16 by striking “in writing that—” and inserting
17 “in writing—”; and

18 (B) in paragraph (1), by inserting “, that”
19 after “open system approach”.

20 (40) Section 2548(e) is amended—

21 (A) by striking “REQUIREMENTS” and all
22 that follows through “by the Secretary” and in-
23 serting “REQUIREMENT.—The annual report
24 prepared by the Secretary”;

1 (B) by striking “system; and” and insert-
2 ing “system.”; and

3 (C) by striking paragraph (2).

4 (41) The table of sections at the beginning of
5 chapter 152 is amended by inserting a period at the
6 end of the item relating to section 2567.

7 (42) Section 2564 is amended—

8 (A) in subsection (b)(3), by striking “sec-
9 tion 377” and inserting “section 277”; and

10 (B) in subsection (f), by striking “sections
11 375 and 376” and inserting “sections 275 and
12 276”.

13 (43) Section 2576a(b) is amended by striking
14 “and” at the end of paragraph (4).

15 (44) Section 2612(a) is amended by striking
16 “section 2166(f)(4)” and inserting “section
17 343(f)(4)”.

18 (45) Section 2662(f)(1)(D) is amended by
19 striking “section 334” and inserting “section 254”.

20 (46) Section 2667(e) is amended—

21 (A) in paragraph (1)(E), by striking “mili-
22 tary museum described in section 489(a) of this
23 title” and inserting “military museum”;

24 (B) in paragraph (4), by striking “before
25 January 1, 2005, shall be deposited into the ac-

1 count” and inserting “shall be deposited into
2 the Department of Defense Base Closure Ac-
3 count”; and

4 (C) by striking paragraph (5).

5 (47) Section 2667(k) is amended by striking
6 “section 9101” and inserting “section 8101”.

7 (48) Section 2674(f)(2) is amended by adding
8 at the end the following new sentence: “The term in-
9 cludes the Raven Rock Mountain Complex.”.

10 (49) Section 2925(b)(1) is amended by striking
11 “section 138c” and inserting “section 2926(b)”.

12 (50) Chapter 449 is amended—

13 (A) by striking the second section 4781;
14 and

15 (B) in the table of sections, by striking the
16 item relating to the second section 4781.

17 (51) Section 7235(e)(1) is amended by striking
18 “24 months after the date of the enactment of this
19 section” and inserting “November 25, 2017,”.

20 (52) The item relating to section 9517 in the
21 table of sections at the beginning of chapter 931 is
22 amended by making the first letter of the third word
23 lower case.

24 (b) AMENDMENTS RELATED TO REPEAL OF PEND-
25 ING AUTHORITY TO ESTABLISH UNDER SECRETARY OF

1 DEFENSE FOR BUSINESS MANAGEMENT AND INFORMA-
2 TION.—

3 (1) NATIONAL DEFENSE AUTHORIZATION ACT
4 FOR FISCAL YEAR 2015.—Effective as of December
5 23, 2016, section 901 of the Carl Levin and Howard
6 P. “Buck” McKeon National Defense Authorization
7 Act for Fiscal Year 2015 (Public Law 113–291; 128
8 Stat. 3462), as amended by section 901(d) of the
9 National Defense Authorization Act for Fiscal Year
10 2017 (Public Law 114–328; 130 Stat. 2342), is fur-
11 ther amended—

12 (A) by striking subsection (j);

13 (B) in subsection (l)(1), by striking sub-
14 paragraph (A);

15 (C) in subsection (m), by striking para-
16 graphs (1) and (2); and

17 (D) in subsection (n), by striking para-
18 graph (1).

19 (2) NATIONAL DEFENSE AUTHORIZATION ACT
20 FOR FISCAL YEAR 2016.—Effective as of November
21 25, 2015, subsection (f) of section 883 of the Na-
22 tional Defense Authorization Act for Fiscal Year
23 2016 (Public Law 114–92), as added by section
24 1081(c)(5) of the National Defense Authorization

1 Act for Fiscal Year 2017 (Public Law 114–328), is
2 amended by striking paragraph (1).

3 (c) TECHNICAL CORRECTIONS RELATED TO UNI-
4 FORM CODE OF MILITARY JUSTICE REFORM.—

5 (1) IN GENERAL.—Chapter 47 of title 10,
6 United States Code (the Uniform Code of Military
7 Justice), as amended by the Military Justice Act of
8 2016 (division E of Public Law 114–328), is further
9 amended as follows:

10 (A) Subsection (a)(4) of section 839 (arti-
11 cle 39), as added by section 5222(1) of the
12 Military Justice Act of 2016 (130 Stat. 2909),
13 is amended by striking “in non-capital cases
14 unless the accused requests sentencing by mem-
15 bers under section 825 of this title (article 25)”
16 and inserting “under section 853(b)(1) of this
17 title (article 53(b)(1))”.

18 (B) Subsection (i) of section 843 (article
19 43), as added by section 5225(e) of the Military
20 Justice Act of 2016 (130 Stat. 2909), is
21 amended by striking “DNA EVIDENCE.—” and
22 inserting “DNA EVIDENCE.—”.

23 (C) Section 848(c)(1) (article 48(c)(1)), as
24 amended by section 5230 of the Military Jus-
25 tice Act of 2016 (130 Stat. 2913), is further

1 amended by striking “section 866(g) of this
2 title (article 66(g))” and inserting “section
3 866(h) of this title (article 66(h))”.

4 (D) Section 853(b)(1)(B) (article
5 53(b)(1)(B)), as amended by section 5236 of
6 the Military Justice Act of 2016 (130 Stat.
7 2937), is further amended by striking “in a
8 trial”.

9 (E) Subsection (d) of section 853a (article
10 53a), as added by section 5237 of the Military
11 Justice Act of 2016 (130 Stat. 2917), is
12 amended by striking “military judge” the sec-
13 ond place it appears and inserting “court-mar-
14 tial”.

15 (F) Section 864(a) (article 64(a)), as
16 amended by section 5328(a) of the Military
17 Justice Act of 2016 (130 Stat. 2929), is fur-
18 ther amended by striking “(a) (a) IN GEN-
19 ERAL.—” and inserting “(a) IN GENERAL.—”.

20 (G) Subsection (b)(1) of section 865 (arti-
21 cle 65), as added by section 5329 of the Mili-
22 tary Justice Act of 2016 (130 Stat. 2930), is
23 amended by striking “section 866(b)(2) of this
24 title (article 66(b)(2))” and inserting “section
25 866(b)(3) of this title (article 66(b)(3))”.

1 (H) Subsection (f)(3) of section 866 (arti-
2 cle 66), as added by section 5330 of the Mili-
3 tary Justice Act of 2016 (130 Stat. 2932), is
4 amended by inserting after “Court” the first
5 place it appears the following: “of Criminal Ap-
6 peals”.

7 (I) Section 869(c)(1)(A) (article
8 69(c)(1)(A)), as amended by section 5333 of
9 the Military Justice Act of 2016 (130 Stat.
10 2935), is further amended by inserting a
11 comma after “in part”.

12 (J) Section 882(b) (article 82(b)), as
13 amended by section 5403 of the Military Jus-
14 tice Act of 2016 (130 Stat. 2939), is further
15 amended by striking “section 99” and inserting
16 “section 899”.

17 (K) Section 919a(b) (article 119a(b)), as
18 amended by section 5401(13)(B) of the Military
19 Justice Act of 2016 (130 Stat. 2939), is fur-
20 ther amended—

21 (i) by striking “928a, 926, and 928”
22 and inserting “926, 928, and 928a”; and

23 (ii) by striking “128a 126, and 128”
24 and inserting “126, 128, and 128a”.

1 (L) Section 920(g)(2) (article 120(g)(2)),
2 as amended by section 5430(b) of the Military
3 Justice Act of 2016 (130 Stat. 2949), is fur-
4 ther amended in the first sentence by striking
5 “brest” and inserting “breast”.

6 (M) Section 928(b)(2) (article 128(b)(2)),
7 as amended by section 5441 of the Military
8 Justice Act of 2016 (130 Stat. 2954), is fur-
9 ther amended by striking the comma after
10 “substantial bodily harm”.

11 (N) Subsection (b)(2) of section 932 (arti-
12 cle 132), as added by section 5450 of the Mili-
13 tary Justice Act of 2016 (130 Stat. 2957), is
14 amended by striking “section 1034(h)” and in-
15 serting “section 1034(j)”.

16 (O) Section 937 (article 137), as amended
17 by section 5503 of the Military Justice Act of
18 2016 (130 Stat. 2960), is further amended by
19 striking “(the Uniform Code of Military Jus-
20 tice)” each place it appears as follows:

21 (i) In subsection (a)(1), in the matter
22 preceding subparagraph (A).

23 (ii) In subsection (b), in the matter
24 preceding subparagraph (A).

1 (iii) In subsection (d), in the matter
2 preceding paragraph (1).

3 (2) CROSS-REFERENCES TO STALKING.—Title
4 10, United States Code, is amended as follows:

5 (A) Section 673(a) is amended—

6 (i) by striking “920a, or 920c” and
7 inserting “920c, or 930”; and

8 (ii) by striking “120a, or 120c” and
9 inserting “120c, or 130”.

10 (B) Section 674(a) is amended—

11 (i) by striking “920a, 920b, 920c, or
12 925” and inserting “920b, 920c, 125, or
13 930”; and

14 (ii) by striking “120a, 120b, 120c, or
15 125” and inserting “120b, 120c, 125, or
16 130”.

17 (C) Section 1034(c)(2)(A) is amended by
18 striking “sections 920 through 920c of this title
19 (articles 120 through 120c of the Uniform Code
20 of Military Justice)” and inserting “section
21 920, 920b, 920c, or 930 of this title (article
22 120, 120b, 120c, or 130 of the Uniform Code
23 of Military Justice)”.

24 (D) Section 1044e(g)(1) is amended—

1 (i) by striking “920a, 920b, 920c, or
2 925” and inserting “920b, 920c, 125, or
3 930”; and

4 (ii) by striking “120a, 120b, 120c, or
5 125” and inserting “120b, 120c, 125, or
6 130”.

7 (3) EFFECTIVE DATE.—The amendments made
8 by this subsection shall take effect immediately after
9 the amendments made by the Military Justice Act of
10 2016 (division E of Public Law 114–328) take effect
11 as provided for in section 5542 of that Act (130
12 Stat. 2967).

13 (d) NATIONAL DEFENSE AUTHORIZATION ACT FOR
14 FISCAL YEAR 2017.—Effective as of December 23, 2016,
15 and as if included therein as enacted, the National De-
16 fense Authorization Act for Fiscal Year 2017 (Public Law
17 114–328) is amended as follows:

18 (1) Section 217(a)(2) (130 Stat. 2051) is
19 amended by striking “section 821b” and inserting
20 “section 821(b)”.

21 (2) Section 233 (10 U.S.C. 2358 note; 130
22 Stat. 2061) is amended in subsections (a)(1) and
23 (b)(1), by striking “secretaries” and inserting “Sec-
24 retaries”.

1 (3) Section 728(b)(1) (130 Stat. 2234) is
2 amended by inserting “(c)” after “Section 1073b”.

3 (4) Section 805(a)(2) (130 Stat. 2255) is
4 amended by striking “The table of chapters for title
5 10, United States Code, is” and inserting “The ta-
6 bles of chapters at the beginning of subtitle A, and
7 at the beginning of part IV of subtitle A, of title 10,
8 United States Code, are”.

9 (5) The matter to be inserted by section
10 824(d)(1)(B) (130 Stat. 2279) is amended—

11 (A) by striking “(3)” and inserting “(4)”;

12 and

13 (B) by striking “(4)” and inserting “(5)”.

14 (6) Section 833(b)(2)(C) (130 Stat. 2284) is
15 amended—

16 (A) in clause (ii), by striking “Section
17 2330a(j) of title 10, United States Code,” and
18 inserting “Section 2330a(h) of title 10, United
19 States Code, as redesignated by section
20 812(d),”; and

21 (B) in clause (iii), in the matter proposed
22 to be inserted, by striking “section 2330a(j)”
23 and inserting “section 2330a(h)”.

1 (7) Section 865(b)(2) (130 Stat. 2305) is
2 amended by striking “section 2330a(g)(5)” and in-
3 serting “section 2330a(h)(4)”.

4 (8) Section 893(c) (130 Stat. 2324) is amended
5 by inserting “paragraph (2) of” after “is further
6 amended in”.

7 (9) Section 902(b) (130 Stat. 2344) is amended
8 by striking “Section 151(b)(5)” and inserting “Sec-
9 tion 131(b)(5)”.

10 (10) Section 921(c) (130 Stat. 2351) is amend-
11 ed by inserting after “The text of” the following:
12 “subsection (a) (after the subsection heading)”.

13 (11) Section 1061(c)(23) (130 Stat. 2400) is
14 amended by striking “488(e)” and inserting “488”.

15 (12) Section 1061(i) (130 Stat. 2404) is
16 amended—

17 (A) in paragraph (23), by striking “2010
18 (Public Law 110–417)” and inserting “2009
19 (Public Law 110–417; 10 U.S.C. prec. 701
20 note)”; and

21 (B) in paragraph (24), by striking “2010”
22 and inserting “2009”.

23 (13) Section 1064(b) (130 Stat. 2409) is
24 amended by striking “Public Law 113–239” and in-
25 serting “Public Law 112–239”.

1 (14) Section 1253(b) (130 Stat. 2532) is
2 amended by striking “this subchapter” both places
3 it appears and inserting “this subtitle”.

4 (15) Section 2811(c) (130 Stat. 2716) is
5 amended by striking “, and the provisions of law
6 amended by subsections (a) and (b) of that section
7 shall be restored as if such section had not been en-
8 acted into law”.

9 (16) Section 2829E(a) (130 Stat. 2733) is
10 amended by striking paragraph (3).

11 (17) Section 5225(f) (130 Stat. 2910) is
12 amended by striking “this subsection” and inserting
13 “this section”.

14 (18) The table of sections to be inserted by sec-
15 tion 5452 (130 Stat. 2958) is amended—

16 (A) by striking “Art.” each place it ap-
17 pears, except the first place it appears;

18 (B) in the item relating to section 887a, by
19 striking “Resistance” and inserting “Resist-
20 ance”;

21 (C) in the item relating to section 908, by
22 striking “of the United States–Loss” and in-
23 serting “of United States–Loss,”;

24 (D) in the item relating to section 909, by
25 striking “of the” and inserting “of”; and

1 (E) in the item relating to section 909a, by
2 striking the second period at the end.

3 (19) The matters to be inserted by section 5541
4 (130 Stat. 2965) is amended—

5 (A) by striking “Art.” each place it ap-
6 pears;

7 (B) by striking “825.” and inserting
8 “825a.”; and

9 (C) by striking “830.” and inserting
10 “830a.”.

11 (e) NATIONAL DEFENSE AUTHORIZATION ACT FOR
12 FISCAL YEAR 2016.—Effective as of November 25, 2015,
13 and as if included therein as enacted, section 574 of the
14 National Defense Authorization Act for Fiscal Year 2016
15 (Public Law 114–92; 129 Stat. 831) is amended by strik-
16 ing “1785 note” both places it appears and inserting
17 “1788 note”.

18 (f) NATIONAL DEFENSE AUTHORIZATION ACT FOR
19 FISCAL YEAR 2015.—Effective as of December 19, 2014,
20 and as if included therein as enacted, section
21 1044(a)(2)(A) of the National Defense Authorization Act
22 for Fiscal Year 2015 (Public Law 113–291; 128 Stat.
23 3493) is amended by striking “October 28” and inserting
24 “September 30”.

1 (g) NATIONAL DEFENSE AUTHORIZATION ACT FOR
2 FISCAL YEAR 2011.—Effective as of January 7, 2011,
3 and as if included therein as enacted, section 896(b) of
4 the Ike Skelton National Defense Authorization Act for
5 Fiscal Year 2011 (Public Law 111–398; 124 Stat. 4315)
6 is amended—

7 (1) in paragraph (1), by striking “Chapter”
8 and inserting “Subchapter II of chapter”; and

9 (2) in paragraph (2), by striking “chapter” and
10 inserting “subchapter”.

11 (h) NATIONAL DEFENSE AUTHORIZATION ACT FOR
12 FISCAL YEAR 2009.—Section 943(d)(1) of the Duncan
13 Hunter National Defense Authorization Act for Fiscal
14 Year 2009 (Public Law 110–417), as amended by section
15 1205(e)(2) of Public Law 112–81 (125 Stat. 1623), is fur-
16 ther amended by striking the second period at the end of
17 the first sentence.

18 (i) NATIONAL DEFENSE AUTHORIZATION ACT FOR
19 FISCAL YEAR 2004.—Section 1022(e) of the National De-
20 fense Authorization Act for Fiscal Year 2004 (Public Law
21 108–136; 10 U.S.C. 271 note) is amended by striking
22 “section 1004(j)” and all that follows through the end of
23 the subsection and inserting “section 284(i) of title 10,
24 United States Code”.

1 (j) COORDINATION WITH OTHER AMENDMENTS
2 MADE BY THIS ACT.—For purposes of applying amend-
3 ments made by provisions of this Act other than this sec-
4 tion, the amendments made by this section shall be treated
5 as having been enacted immediately before any such
6 amendments by other provisions of this Act.

1 **SEC. 1052 [Log 65312]. WORKFORCE ISSUES FOR RELOCA-**
2 **TION OF MARINES TO GUAM.**

3 (a) IN GENERAL.—Section 6(b) of the Joint Resolu-
4 tion entitled “A Joint Resolution to approve the ‘Covenant
5 To Establish a Commonwealth of the Northern Mariana
6 Islands in Political Union With the United States of
7 America’, and for other purposes”, approved March 24,
8 1976 (48 U.S.C. 1806(b)) is amended to read as follows:

9 “(b) NUMERICAL LIMITATIONS FOR NONIMMIGRANT
10 WORKERS.—An alien, if otherwise qualified, may seek ad-
11 mission to Guam or to the Commonwealth during the
12 transition program as a nonimmigrant worker under sec-
13 tion 101(a)(15)(H) of the Immigration and Nationality
14 Act (8 U.S.C. 1101(a)(15)(H)) without counting against
15 the numerical limitations set forth in section 214(g) of
16 such Act (8 U.S.C. 1184(g)). An alien, if otherwise quali-
17 fied, may, before October 1, 2020, be admitted under sec-
18 tion 101(a)(15)(H)(ii)(b) of such Act for a period of up
19 to 3 years (which may be extended by the Secretary of
20 Homeland Security before October 1, 2020, for an addi-
21 tional period or periods not to exceed 3 years each) to per-
22 form services or labor on Guam pursuant to any agree-
23 ment entered into by a prime contractor or subcontractor
24 calling for services or labor required for performance of
25 the contract or subcontract in direct support of all mili-
26 tary-funded construction, repairs, renovation, and facili-

1 ties services, or to perform services or labor on Guam as
2 a health-care worker, notwithstanding the requirement of
3 such section that the service or labor be temporary. This
4 subsection does not apply to any employment to be per-
5 formed outside of Guam or the Commonwealth.”.

6 (b) EFFECTIVE DATE.—The amendment made by
7 subsection (a) shall take effect on the date that is 120
8 days after the date of the enactment of this Act.

1 **SEC. 1053 [Log 65810]. NATIONAL GUARD ACCESSIBILITY TO**
2 **DEPARTMENT OF DEFENSE ISSUED UN-**
3 **MANNED AIRCRAFT.**

4 (a) REVIEW REQUIRED.—Not later than one year
5 after the date of the enactment of this Act, the Secretary
6 of Defense, in coordination with the Chief of the National
7 Guard Bureau, the Commander of United States North-
8 ern Command, and the Commander of United States Pa-
9 cific Command, shall conduct an efficiency and effective-
10 ness review of the governance structure, coordination proc-
11 esses, documentation, and timing and deadline require-
12 ments stipulated in Department of Defense Policy Memo-
13 randum 15-002, entitled “Guidance for the Domestic Use
14 of Unmanned Aircraft Systems” and dated February 17,
15 2015. In conducting the review, the Secretary shall take
16 into account information and data points provided by
17 State governors and State adjutant generals in assessing
18 the efficiency and effectiveness of accessing Department
19 of Defense issued unmanned aircraft systems for State
20 and National Guard operations.

21 (b) SUBMITTAL TO CONGRESS.—Not later than 30
22 days after the completion of the review required by sub-
23 section (a), the Secretary shall submit the review to the
24 Committees on Armed Services of the Senate and House
25 of Representatives.

1 **SEC. 1054 [Log 65179]. SENSE OF CONGRESS REGARDING**
2 **AIRCRAFT CARRIERS.**

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

5 (1) Naval aviation was born in the United
6 States when Eugene Ely launched from the deck of
7 a United States Navy ship on November 14, 1910,
8 in a Curtiss Model D.

9 (2) In 1915, Cpt. Henry C. Mustin made the
10 first catapult launch and first take off in a ship un-
11 derway in a Curtiss Model AB-2, beginning a cen-
12 tury of technological advancements that have led to
13 today's Electromagnetic Aircraft Launch System
14 which has replaced the steam pistons with powerful
15 magnets to launch jet aircraft.

16 (3) In 1924, Lt. Dixie Kiefer made the first
17 night catapult launch in a Vought UO-1 in San
18 Diego harbor, leading to today's aircraft carriers
19 being a floating city at sea with a 24-hour airport.

20 (4) The first nuclear-powered aircraft carrier,
21 USS Enterprise (CVN 65), was commissioned in
22 1961, ushering in a new era of the world's most
23 dominant and capable warships.

24 (5) In 2013, the first of the next generation of
25 aircraft carriers, Gerald R. Ford, was christened,
26 marking a continuation of the innovative naval avia-

1 tion spirit, technological advancement, and war
2 fighting capabilities of aircraft carriers.

3 (6) In 2013, aircraft carrier USS George Wash-
4 ington (CVN 73) provided humanitarian assistance,
5 medical supplies, food, and water to the victims in
6 the Philippines of Super Typhoon Haiyan, once
7 again demonstrating versatility of the aircraft car-
8 rier for combat, diplomatic and humanitarian oper-
9 ations.

10 (7) For over 70 years, aircraft carriers have
11 been employed in every major and many smaller con-
12 flicts, including World War II, Korea, Vietnam, Gre-
13 nada, Lebanon, Libya, Operation Desert Storm, Af-
14 ghanistan, Iraq, and the fight against terrorism.

15 (8) The United States Navy's aircraft carriers
16 are a cornerstone of the Nation's ability to project
17 its power and strength.

18 (9) When aircraft carriers sail the globe they
19 are a statement of national purpose and a symbol of
20 the Nation's industrial strength, competitive edge,
21 and economic prosperity.

22 (10) Aircraft carriers are 4.5 acres of sovereign
23 United States territory enabling the Nation to re-
24 duce its dependency on other nations while it pur-
25 sues its national security interests.

1 (11) Aircraft carriers enable the United States
2 Armed Forces to carry out operations from inter-
3 national waters, avoiding the complications of secur-
4 ing fly-over rights and land-base rights from other
5 nations.

6 (12) Aircraft carriers are a modern, very mobile
7 United States military base complete with airfield,
8 hospital, and communications systems from which
9 the United States can strike at its enemies.

10 (13) Over 90 percent of world trade is moved
11 by sea, including much of the world's gas and oil
12 supply, and aircraft carriers and their strike forces
13 are constantly on patrol in vital regions of the world
14 to keep shipping lanes open and protect the interests
15 of the United States and its allies.

16 (14) There are more than 2,450 companies in
17 48 States and over 364 congressional districts, and
18 more than 13,100 shipbuilders who proudly con-
19 tribute to the construction and maintenance of these
20 complex and technologically advanced ships.

21 (15) Thousands of members of the United
22 States Armed Forces have served the Nation aboard
23 aircraft carriers in war, peace, and times of crisis.

1 (16) When crisis occurs the first question that
2 comes to everyone’s lips is “Where is the nearest
3 carrier?”.

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

6 (1) United States aircraft carriers are the pre-
7 eminent power projection platform and have served
8 the Nation’s interests in times of war and in times
9 of peace, adapting to the immediate and ever-chang-
10 ing nature of the world for over 90 years;

11 (2) aircraft carrier contributions and heritage
12 should be celebrated; and

13 (3) the people of the United States should be
14 encouraged to celebrate the history of aircraft car-
15 riers in the United States and to always remember
16 the vital role these vessels play in defending the Na-
17 tion’s freedom.

1 **SEC. 1055 [Log 65419]. NOTICE TO CONGRESS OF TERMS OF**
2 **DEPARTMENT OF DEFENSE SETTLEMENT**
3 **AGREEMENTS.**

4 (a) **IN GENERAL.**—Notwithstanding any other provi-
5 sion of law or any court order, at the request of the Chair-
6 man of the Committee on Armed Services of the Senate
7 or the House of Representatives or the Chairman of the
8 Committee on Appropriations of the Senate or the House
9 of Representatives, the Secretary of Defense shall make
10 available (in an appropriate manner with respect to classi-
11 fied information, if necessary) to such chairman a settle-
12 ment agreement (including a consent decree) in any civil
13 action involving the Department of Defense, a military de-
14 partment, or a Defense Agency, if, in the opinion of the
15 Secretary, in consultation with the Attorney General, the
16 terms of the settlement agreement affect the congressional
17 authorization or appropriations process with respect to the
18 Department of Defense.

19 (b) **CONSULTATION REQUIREMENT.**—Before making
20 a request under subsection (a)—

21 (1) the Chairman of the Committee on Armed
22 Services or the Committee on Appropriations of the
23 Senate shall consult with the Chairman of the Com-
24 mittee on the Judiciary of the Senate; and

25 (2) the Chairman of the Committee on Armed
26 Services or the Committee on Appropriations of the

1 House of Representatives shall consult with the
2 Chairman of the Committee on the Judiciary of the
3 House of Representatives.

1 **Subtitle A—Assistance and**
2 **Training**

3 **SEC. 1201. [LOG 65794] ONE-YEAR EXTENSION OF**
4 **LOGISTICAL SUPPORT FOR COALITION**
5 **FORCES SUPPORTING CERTAIN UNITED**
6 **STATES MILITARY OPERATIONS.**

7 Section 1234 of the National Defense Authorization
8 Act for Fiscal Year 2008 (Public Law 110–181; 122 Stat.
9 394), as most recently amended by section 1201 of the
10 National Defense Authorization Act for Fiscal Year 2017
11 (Public Law 114–328; 130 Stat. 2473), is further amend-
12 ed—

13 (1) in subsection (a), by striking “fiscal year
14 2017” and inserting “fiscal year 2018”;

15 (2) in subsection (d), by striking “during the
16 period beginning on October 1, 2016, and ending on
17 December 31, 2017” and inserting “during the pe-
18 riod beginning on October 1, 2017, and ending on
19 December 31, 2018”; and

20 (3) in subsection (e)(1), by striking “December
21 31, 2017” and inserting “December 31, 2018”.

1 **SEC. 1202. [LOG 65103] MODIFICATION TO SPECIAL DE-**
2 **FENSE ACQUISITION FUND.**

3 (a) IN GENERAL.—Effective as of October 1, 2017,
4 paragraph (1) of section 114(c) of title 10, United States
5 Code, is amended by striking “\$2,500,000,000” and in-
6 serting “\$2,000,000,000”.

7 (b) INCREASE IN SIZE OF FUND.—Such section is
8 further amended—

9 (1) in paragraph (1), by striking “The size”
10 and inserting “Except as provided in paragraph (3),
11 the size”; and

12 (2) in paragraph (3), by striking “Of the
13 amount available in the Special Defense Acquisition
14 Fund in any fiscal year after fiscal year 2016,
15 \$500,000,000” and inserting “The size of the Spe-
16 cial Defense Acquisition Fund in any fiscal year
17 after fiscal year 2017 may exceed the dollar amount
18 limitation described in paragraph (1) by an amount
19 not to exceed \$500,000,000 and such excess
20 amount”.

1 **SEC. 1203. [LOG 64898] MODIFICATION TO MINISTRY OF DE-**
2 **FENSE ADVISOR AUTHORITY.**

3 (a) **MINISTRY OF DEFENSE ADVISOR AUTHORITY.**—
4 Subsection (a) of section 332 of title 10, United States
5 Code, is amended by inserting “and members of the armed
6 forces” after “civilian employees of the Department of De-
7 fense”.

8 (b) **TRAINING OF PERSONNEL OF FOREIGN MIN-**
9 **ISTRIES WITH SECURITY MISSIONS.**—Subsection (b) of
10 such section is amended—

11 (1) in paragraph (1), by inserting “to assign ci-
12 vilian employees of the Department of Defense and
13 members of the armed forces as advisors or train-
14 ers” after “carry out a program”; and

15 (2) in paragraph (2)(B)—

16 (A) by striking “employees” in each place
17 it appears and inserting “advisors or trainers”;
18 and

19 (B) by striking “each assigned employee’s
20 activities” and inserting “the activities of each
21 assigned advisor or trainer”.

22 (c) **CONGRESSIONAL NOTICE.**—Subsection (c) of
23 such section is amended—

24 (1) in the matter preceding paragraph (1), by
25 inserting “or a member of the armed forces” after
26 “a civilian employee of the Department of Defense”;

1 (2) in paragraph (1), by striking “employee as
2 an advisor” and inserting “advisor or trainer”; and
3 (3) in paragraph (3), by striking “employee”
4 and inserting “advisor or trainer”.

1 **SEC. 1204. [LOG 65095] MODIFICATION OF AUTHORITY TO**
2 **BUILD CAPACITY OF FOREIGN SECURITY**
3 **FORCES.**

4 Subsection (c) of section 333 of title 10, United
5 States Code, is amended—

6 (1) in paragraph (2), by adding at the end the
7 following:

8 “(C) Institutional capacity building to or-
9 ganize, administer, employ, manage, maintain,
10 sustain, or oversee national security forces.”;

11 (2) in paragraph (3), by inserting “or the De-
12 partment of State” after “Department of Defense”;

13 (3) in paragraph (4)—

14 (A) in the heading, by striking “INSTITU-
15 TIONAL CAPACITY BUILDING” and inserting
16 “RESPECT FOR CIVILIAN CONTROL OF THE
17 MILITARY”;

18 (B) in the first sentence, by striking “that
19 the Department is already undertaking, or will
20 undertake as part of the program” and all that
21 follows and inserting “that the Department of
22 Defense or another department or agency is al-
23 ready undertaking, or will undertake as part of
24 the security sector assistance provided to the
25 foreign country concerned, a program to en-
26 hance the capacity of such foreign country to

1 exercise responsible civilian control of the na-
2 tional security forces of such foreign country.”;
3 and

4 (C) by striking the second sentence; and
5 (4) by adding at the end the following:

6 “(5) INSTITUTIONAL CAPACITY BUILDING.—In
7 order to meet the requirement in paragraph (2)(C)
8 with respect to a particular foreign country under a
9 program under subsection (a), the Secretary shall
10 certify, prior to the initiation of the program, that
11 the Department of Defense or another department
12 or agency is already undertaking, or will undertake
13 as part of the security sector assistance provided to
14 the foreign country concerned, a program of institu-
15 tional capacity building with appropriate institutions
16 of such foreign country to enhance the capacity of
17 such foreign country to organize, administer, em-
18 ploy, manage, maintain, sustain, or oversee the na-
19 tional security forces of such foreign country.”.

1 **SEC. 1205. [LOG 65653] EXTENSION AND MODIFICATION OF**
2 **AUTHORITY ON TRAINING FOR EASTERN EU-**
3 **ROPEAN NATIONAL MILITARY FORCES IN**
4 **THE COURSE OF MULTILATERAL EXERCISES.**

5 (a) ONE-YEAR EXTENSION.—Subsection (h) of sec-
6 tion 1251 of the National Defense Authorization Act for
7 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1070;
8 10 U.S.C. 2282 note), as amended by section 1233 of the
9 National Defense Authorization Act for Fiscal Year 2017
10 (Public Law 114–328; 130 Stat. 2489), is further amend-
11 ed—

12 (1) by striking “September 30, 2018” and in-
13 serting “December 31, 2019”; and

14 (2) by striking “fiscal years 2016 through
15 2018” and inserting “for the period beginning on
16 October 1, 2015, and ending on December 31,
17 2019”.

18 (b) REGULATIONS FOR ADMINISTRATION OF INCRE-
19 MENTAL EXPENSES.—Subsection (d) of such section, as
20 so amended, is further amended by adding at the end the
21 following:

22 “(4) REGULATIONS.—

23 “(A) IN GENERAL.—The Secretary of De-
24 fense shall prescribe regulations for payment of
25 incremental expenses under subsection (a). Not
26 later than 120 days after the date of the enact-

1 ment of this paragraph, the Secretary shall sub-
2 mit the regulations to the Committee on Armed
3 Services of the Senate and the Committee on
4 Armed Services of the House of Representa-
5 tives.

6 “(B) PROCEDURES TO BE INCLUDED.—
7 The regulations required under subparagraph
8 (A) shall include the following:

9 “(i) Procedures to limit the payment
10 of incremental expenses to developing
11 countries determined pursuant to sub-
12 section (c) to be eligible for the provision
13 of training under subsection (a), except in
14 the case of exceptional circumstances as
15 specified in the regulations.

16 “(ii) Procedures to require reimburse-
17 ment of incremental expenses from non-de-
18 veloping countries determined pursuant to
19 subsection (c) to be eligible for the provi-
20 sion of training under subsection (a), ex-
21 cept in the case of exceptional cir-
22 cumstances as specified in the regulations.

23 “(C) DEVELOPING COUNTRY DEFINED.—
24 In this paragraph, the term ‘developing coun-

1 try’ has the meaning given such term in section
2 301(4) of title 10, United States Code.”.

3 (c) TECHNICAL AND CONFORMING AMENDMENTS.—

4 Such section, as so amended, is further amended—

5 (1) in subsection (e), by striking “that” and in-
6 serting “than”;

7 (2) in subsection (f), by striking “section 2282”
8 and inserting “chapter 16”; and

9 (3) in subsection (g), by striking “means” and
10 all that follows and inserting “has the meaning given
11 such term in section 301(5) of title 10, United
12 States Code.”.

1 **SEC. 1206. [LOG 65831] EXTENSION OF PARTICIPATION IN**
2 **AND SUPPORT OF THE INTER-AMERICAN DE-**
3 **FENSE COLLEGE.**

4 Subsection (c) of section 1243 of the National De-
5 fense Authorization Act for Fiscal Year 2017 (Public Law
6 114–328; 130 Stat. 2516; 10 U.S.C. 1050 note) is amend-
7 ed—

8 (1) in the heading, by striking “FISCAL YEAR
9 2017” and inserting “FISCAL YEARS 2017 AND
10 2018”; and

11 (2) by striking “fiscal year 2017” and inserting
12 “fiscal years 2017 and 2018”.

1 **Subtitle B—Matters Relating to**
2 **Afghanistan and Pakistan**

3 **SEC. 1211. [LOG 65085] EXTENSION OF AUTHORITY TO**
4 **TRANSFER DEFENSE ARTICLES AND PRO-**
5 **VIDE DEFENSE SERVICES TO THE MILITARY**
6 **AND SECURITY FORCES OF AFGHANISTAN.**

7 (a) **EXTENSION OF EXPIRATION.**—Subsection (h) of
8 section 1222 of the National Defense Authorization Act
9 for Fiscal Year 2013 (Public Law 112–239; 126 Stat.
10 1992), as most recently amended by section 1213 of the
11 National Defense Authorization Act for Fiscal Year 2017
12 (Public Law 114–328; 130 Stat. 2478), is further amend-
13 ed by striking “December 31, 2017” and inserting “De-
14 cember 31, 2018”.

15 (b) **EXCESS DEFENSE ARTICLES.**—Subsection (i)(2)
16 of such section, as so amended, is further amended by
17 striking “December 31, 2017,” in each place it appears
18 and inserting “December 31, 2018”.

1 **SEC. 1212. [LOG 65797] MODIFICATION TO REPORT ON EN-**
2 **HANCING SECURITY AND STABILITY IN AF-**
3 **GHANISTAN.**

4 Section 1225(a) 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. 3550),
7 as most recently amended by section 1215(a) of the Na-
8 tional Defense Authorization Act for Fiscal Year 2017
9 (Public Law 114–328; 130 Stat. 2480), is further amend-
10 ed—

11 (1) in paragraph (1), by striking “a semiannual
12 basis” and inserting “an annual basis”; and

13 (2) in paragraph (2)—

14 (A) in the first sentence, by striking “shall
15 be submitted” and all that follows through the
16 end of the sentence and inserting “shall be sub-
17 mitted not later than June 15 each year.”; and

18 (B) in the second sentence, by striking
19 “December 15, 2019” and inserting “June 15,
20 2019”.

1 **SEC. 1213. [LOG 65736] REPORT ON UNITED STATES STRAT-**
2 **EGY IN AFGHANISTAN.**

3 (a) REPORT REQUIRED.—Not later than February
4 15, 2018, the Secretary of Defense, in coordination with
5 the Secretary of State, shall submit to the appropriate
6 congressional committees a report that describes the
7 United States strategy in Afghanistan.

8 (b) MATTERS TO BE INCLUDED.—The report re-
9 quired by subsection (a) shall include the following:

10 (1) A description of United States assumptions,
11 security interests, and corresponding objectives in
12 Afghanistan.

13 (2) A description of how current military efforts
14 align to such objectives and, given current or pro-
15 jected progress, a realistic prognosis for a timeline
16 necessary to achieve such objectives.

17 (3) An explanation of the conditions necessary
18 for the Afghan National Defense and Security
19 Forces to become self-sufficient.

20 (4) A description of the projected long-term and
21 sustainable United States role in Afghanistan.

22 (5) A description of the threat of harm to
23 United States forces in Afghanistan and a justifica-
24 tion based on the threat to United States interests.

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

- 4 (1) the congressional defense committees; and
5 (2) the Committee on Foreign Relations of the
6 Senate and the Committee on Foreign Affairs of the
7 House of Representatives.

1 **SEC. 1214. [LOG 65051] EXTENSION AND MODIFICATION OF**
2 **AUTHORITY FOR REIMBURSEMENT OF CER-**
3 **TAIN COALITION NATIONS FOR SUPPORT**
4 **PROVIDED TO UNITED STATES MILITARY OP-**
5 **ERATIONS.**

6 (a) EXTENSION.—

7 (1) IN GENERAL.—Subsection (a) of section
8 1233 of the National Defense Authorization Act for
9 Fiscal Year 2008 (Public Law 110–181; 122 Stat.
10 393), as most recently amended by section 1218(a)
11 of the National Defense Authorization Act for Fiscal
12 Year 2017 (Public Law 114–328; 130 Stat. 2482),
13 is further amended—

14 (A) by striking “October 1, 2016” and in-
15 serting “October 1, 2017”; and

16 (B) by striking “December 31, 2017” and
17 inserting “December 31, 2018”.

18 (2) REPORT REQUIRED.—

19 (A) IN GENERAL.—Not later than Decem-
20 ber 31, 2018, the Secretary of Defense shall
21 submit to the appropriate congressional com-
22 mittees a report on the expenditure of funds
23 under the authority in subsection (a)(2) of sec-
24 tion 1233 of the National Defense Authoriza-
25 tion Act for Fiscal Year 2008 (Public Law

1 110–181; 122 Stat. 393), including a descrip-
2 tion of the following:

3 (i) The purpose for which such funds
4 were expended.

5 (ii) Each organization on whose behalf
6 such funds were expended, including the
7 amount expended on such organization and
8 the number of members of such organiza-
9 tion supported by such amount.

10 (iii) Any limitation imposed on the ex-
11 penditure of funds under such subsection,
12 including on any recipient of funds or any
13 use of funds expended.

14 (B) APPROPRIATE CONGRESSIONAL COM-
15 MITTEES DEFINED.—In this paragraph, the
16 term “appropriate congressional committees”
17 means—

18 (i) the congressional defense commit-
19 tees; and

20 (ii) the Committee on Foreign Affairs
21 of the House of Representatives and the
22 Committee on Foreign Relations of the
23 Senate.

24 (b) NOTICE REQUIREMENT.—Section 1232(b)(6) of
25 the National Defense Authorization Act for Fiscal Year

1 2008 (Public Law 110–181; 122 Stat. 393), as most re-
2 cently amended by section 1218(e) of the National De-
3 fense Authorization Act for Fiscal Year 2017 (Public Law
4 114–328; 130 Stat. 2484), is further amended by striking
5 “December 31, 2017” and inserting “December 31,
6 2018”.

7 (c) LIMITATION ON REIMBURSEMENT PENDING CER-
8 TIFICATION.—Section 1227(d)(1) of the National Defense
9 Authorization Act for Fiscal Year 2013 (Public Law 112–
10 239; 126 Stat. 2001), as most recently amended by sec-
11 tion 1218(f) of the National Defense Authorization Act
12 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
13 2484), is further amended by striking “December 31,
14 2017” and inserting “December 31, 2018”.

15 (d) ADDITIONAL LIMITATIONS ON REIMBURSE-
16 MENT.—

17 (1) EXTENSION OF LIMITATIONS ON
18 AMOUNTS.—Subsection (d)(1) of section 1233 of the
19 National Defense Authorization Act for Fiscal Year
20 2008 (Public Law 110–181; 122 Stat. 393), as most
21 recently amended by section 1218(c) of the National
22 Defense Authorization Act for Fiscal Year 2017
23 (Public Law 114–328; 130 Stat. 2483), is further
24 amended—

1 (A) in the first sentence, by striking
2 “\$1,100,000,000” and inserting
3 “\$1,000,000,000”;

4 (B) in the second sentence, by striking
5 “\$900,000,000” and inserting “\$800,000,000”;

6 (C) by striking “October 1, 2016” in each
7 place it appears and inserting “October 1,
8 2017”; and

9 (D) by striking “December 31, 2017” in
10 each place it appears and inserting “December
11 31, 2018”.

12 (2) EXTENSION OF LIMITATION ON AMOUNTS
13 ELIGIBLE FOR WAIVER.—Subsection (g) of section
14 1218 of the National Defense Authorization Act for
15 Fiscal Year 2017 (Public Law 114–328; 130 Stat.
16 2484) is amended—

17 (A) by striking “October 1, 2016” and in-
18 serting “October 1, 2017”; and

19 (B) by striking “December 31, 2017” and
20 inserting “December 31, 2018”.

1 **Subtitle C—Matters Relating to**
2 **Syria, Iraq, and Iran**

3 **SEC. 1221. [LOG 65747] REPORT ON UNITED STATES STRAT-**
4 **EGY IN SYRIA.**

5 (a) IN GENERAL.—Not later than February 1, 2018,
6 the Secretary of Defense, in coordination with the Sec-
7 retary of State, shall submit to the appropriate congres-
8 sional committees a report that describes the strategy of
9 the United States in Syria.

10 (b) MATTERS TO BE INCLUDED.—The report re-
11 quired by subsection (a) shall include each of the fol-
12 lowing:

13 (1) A description of the key security and geo-
14 political interests, objectives, and long-term goals in
15 Syria for the United States and indicators for the
16 effectiveness of efforts to achieve such objectives and
17 goals.

18 (2) A description of United States assumptions
19 regarding the current intelligence picture, the roles
20 and ambitions of other countries, and the interests
21 of relevant Syrian groups with respect to such objec-
22 tives.

23 (3) A description of how current military and
24 diplomatic efforts in Syria align with such objectives,

1 and a realistic projection of the timeline necessary to
2 achieve such objectives.

3 (4) The resources required to achieve such ob-
4 jectives.

5 (5) An analysis of the threats posed to United
6 States interests by Russian and Iranian influences
7 in Syria, as well as the threats posed to such inter-
8 ests by the Islamic State of Iraq and the Levant, Al
9 Qaeda, Hezbollah, and other violent extremist orga-
10 nizations in Syria.

11 (6) A description of long-term and sustainable
12 United States involvement in Syria and the conclu-
13 sion of the current United States effort in Syria.

14 (7) A description of the coordination between
15 the Department of Defense and the Department of
16 State regarding the transition from military oper-
17 ations to stabilization programming, including a de-
18 scription of how local governance and civil society
19 will be restored in areas secured through United
20 States military operations in Syria.

21 (8) A description of the threat of harm to
22 United States forces in Syria and a justification
23 based on the threat to United States interests.

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

- 4 (1) the congressional defense committees; and
5 (2) the Committee on Foreign Affairs of the
6 House of Representatives and the Committee on
7 Foreign Relations of the Senate.

1 **SEC. 1222. [LOG 65041] EXTENSION AND MODIFICATION OF**
2 **AUTHORITY TO PROVIDE ASSISTANCE TO**
3 **COUNTER THE ISLAMIC STATE OF IRAQ AND**
4 **THE LEVANT.**

5 (a) **AUTHORITY.**—Subsection (a) of section 1236 of
6 the Carl Levin and Howard P. “Buck” McKeon National
7 Defense Authorization Act for Fiscal Year 2015 (Public
8 Law 113–291; 128 Stat. 3559), as most recently amended
9 by section 1222 of the National Defense Authorization Act
10 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
11 2485), is further amended by striking “December 31,
12 2018” and inserting “December 31, 2019”.

13 (b) **FUNDING.**—Subsection (g) of such section is fur-
14 ther amended—

15 (1) by striking “National Defense Authorization
16 Act for Fiscal Year 2017” and inserting “National
17 Defense Authorization Act for Fiscal Year 2018”;

18 (2) by striking “fiscal year 2017” and inserting
19 “fiscal year 2018”; and

20 (3) by striking “\$630,000,000” and inserting
21 “\$1,269,000,000”.

1 **SEC. 1223. [LOG 65050] EXTENSION AND MODIFICATION OF**
2 **AUTHORITY TO SUPPORT OPERATIONS AND**
3 **ACTIVITIES OF THE OFFICE OF SECURITY CO-**
4 **OPERATION IN IRAQ.**

5 (a) **EXTENSION OF AUTHORITY.**—Subsection (f)(1)
6 of section 1215 of the National Defense Authorization Act
7 for Fiscal Year 2012 (Public Law 112–81; 125 Stat.
8 1631; 10 U.S.C. 113 note), as most recently amended by
9 section 1223 of the National Defense Authorization Act
10 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
11 2486), is further amended by striking “fiscal year 2017”
12 and inserting “fiscal year 2018”.

13 (b) **LIMITATION ON AMOUNT.**—Subsection (c) of
14 such section is amended—

15 (1) by striking “fiscal year 2017” and inserting
16 “fiscal year 2018” ; and

17 (2) by striking “\$70,000,000” and inserting
18 “\$42,000,000”.

19 (c) **SOURCE OF FUNDS.**—Subsection (d) of such sec-
20 tion is amended by striking “fiscal year 2017” and insert-
21 ing “fiscal year 2018”.

1 **SEC. 1224. [LOG 65502] SENSE OF CONGRESS ON THREATS**
2 **POSED BY THE GOVERNMENT OF IRAN.**

3 (a) **FINDING.**—Congress expressed concerns over
4 state-sponsored threats posed by Iran and over Iran’s inte-
5 gration of conventional warfare, cyber and information op-
6 erations, intelligence operations, and other activities to un-
7 dermine United States national security interests.

8 (b) **SENSE OF CONGRESS.**—It is the sense of Con-
9 gress that—

10 (1) the United States should counter the malign
11 activities of the Government of Iran;

12 (2) the United States should maintain a capa-
13 ble military presence in the Arabian Gulf region to
14 deter, and, if necessary, respond to Iranian aggres-
15 sion;

16 (3) the United States should strengthen bal-
17 listic missile defense capabilities;

18 (4) the United States should ensure freedom of
19 navigation at the Bab al Mandab strait and the
20 Strait of Hormuz; and

21 (5) the United States should counter Iranian
22 efforts to illicitly proliferate weapons, including
23 cruise and ballistic missiles.

1 **Subtitle D—Matters Relating to the**
2 **Russian Federation**

3 **SEC. 1231. [LOG 65000] EXTENSION OF LIMITATION ON**
4 **MILITARY COOPERATION BETWEEN THE**
5 **UNITED STATES AND THE RUSSIAN FEDERA-**
6 **TION.**

7 Section 1232(a) of the National Defense Authoriza-
8 tion Act for Fiscal Year 2017 (Public Law 114–328; 130
9 Stat. 2488) is amended by striking “fiscal year 2017” and
10 inserting “fiscal year 2018”.

1 **SEC. 1232. [LOG 65715] PROHIBITION ON AVAILABILITY OF**
2 **FUNDS RELATING TO SOVEREIGNTY OF THE**
3 **RUSSIAN FEDERATION OVER CRIMEA.**

4 (a) PROHIBITION.—None of the funds authorized to
5 be appropriated by this Act or otherwise made available
6 for fiscal year 2018 for the Department of Defense may
7 be obligated or expended to implement any activity that
8 recognizes the sovereignty of the Russian Federation over
9 Crimea.

10 (b) WAIVER.—The Secretary of Defense, with the
11 concurrence of the Secretary of State, may waive the re-
12 striction on the obligation or expenditure of funds required
13 by subsection (a) if the Secretary—

14 (1) determines that to do so is in the national
15 security interest of the United States; and

16 (2) submits a notification of the waiver, at the
17 time the waiver is invoked, to the Committee on
18 Armed Services and the Committee on Foreign Af-
19 fairs of the House of Representatives and the Com-
20 mittee on Armed Services and the Committee on
21 Foreign Relations of the Senate.

1 **SEC. 1233. [LOG 65432] STATEMENT OF POLICY ON THE**
2 **RUSSIAN FEDERATION.**

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

5 (1) The Russian Federation, under the leader-
6 ship of President Vladimir Putin, continues to dem-
7 onstrate its malign activities to expand its sphere of
8 influence and undermine international norms and in-
9 stitutions both regionally and globally, including
10 through the following activities:

11 (A) An assessment of the United States in-
12 telligence community stated “. . .Russian
13 President Vladimir Putin ordered an influence
14 campaign in 2016 aimed at the U.S. presi-
15 dential election”, presented in the intelligence
16 community’s January 6, 2017, declassified re-
17 port, “Assessing Russian Activities and Inten-
18 tions in Recent U.S. Elections”.

19 (B) The Russian Federation has interfered
20 in the April 2017 election and runoff election in
21 May 2017 of the French Presidential elections.
22 As confirmed by Admiral Mike Rogers, Director
23 of the National Security Agency, at a Senate
24 Committee on Armed Services hearing on May
25 9, 2017, “If you look at the French elections .
26 . . we had become aware of Russian activity.”

1 (C) The Russian Federation has threat-
2 ened stability in their sphere of influence. As
3 stated by General Curtis M. Scaparrotti, Com-
4 mander of the United States European Com-
5 mand, in testimony at a House Committee on
6 Armed Services hearing on March 28, 2017,
7 “In the east, a resurgent Russia has turned
8 from partner to antagonist. Countries along
9 Russia’s periphery, especially Ukraine and
10 Georgia, are under threat from Moscow’s ma-
11 lign influence and military aggression.”

12 (D) The Russian Federation has occupied
13 and attempted to annex Crimea from Ukraine.

14 (E) The Russian Federation has employed
15 hybrid warfare tactics, including cyber warfare,
16 electronic warfare, and information warfare to
17 gain influence. This includes the use of hybrid
18 tactics in assisting combined Russian-separatist
19 forces in eastern Ukraine and, in 2008, the
20 Russian incursion in Georgia.

21 (F) Military intervention in the civil war in
22 Syria.

23 (2) Both the Secretary of Defense, James
24 Mattis, and the Chairman of the Joint Chiefs of
25 Staff, General Joseph Dunford, highlight the Rus-

1 sian Federation as the number one geo-strategic
2 threat to the United States.

3 (3) The Government of the Russian Federation
4 continues its decades' long modernization of its con-
5 ventional military force with the buildup of large
6 numbers of professionalized forces on Russia's bor-
7 ders with Europe, re-establishing military presence
8 in the Arctic, investment in its nuclear triad, ad-
9 vanced weapons systems, fighter jets, and naval ves-
10 sels.

11 (4) In June 2016, the Center for Strategic and
12 International Studies released its report, "Evalu-
13 ating U.S. Army Force Posture in Europe: Phase
14 II", which included the recommendation that an
15 Armed Brigade Combat Team and a combat aviation
16 brigade should be permanently assigned to Europe.
17 The report also recommends additional prepositioned
18 equipment in Western Europe.

19 (5) In January 2016, the National Commission
20 on the Future of the Army released its findings and
21 recommendations, which included Recommendation
22 14, calling for permanently stationing an Armored
23 Brigade Combat Team Forward in Europe and Rec-
24 ommendation 15 calling for the conversion of Army

1 Europe Aviation Headquarters to a warfighting mis-
2 sion command.

3 (6) In the National Defense Authorization Act
4 for Fiscal Year 2015 (Public Law 113–291), the
5 National Defense Authorization Act for Fiscal Year
6 2016 (Public Law 114–92), and the National De-
7 fense Authorization Act for Fiscal Year 2017 (Pub-
8 lic Law 114–328), Congress authorized approxi-
9 mately \$5,200,000 for the European Reassurance
10 Initiative, now the European Deterrence Initiative,
11 to reassure partners and allies and begin building a
12 credible deterrence to the Russian Federation
13 through—

14 (A) large increases in conventional re-
15 sources, including additional rotational deploy-
16 ments of United States troops and
17 repositioning of equipment into Europe; and

18 (B) increased funding for unconventional
19 warfare resources, including cyber and special
20 operations forces, and for intelligence and indi-
21 cators and warnings.

22 (b) STATEMENT OF POLICY.—

23 (1) IN GENERAL.—It is the policy of the United
24 States to develop, implement, and sustain credible
25 deterrence against aggression by the Government of

1 the Russian Federation, in order to enhance regional
2 and global security and stability.

3 (2) CONDUCT OF POLICY.—The policy described
4 in paragraph (1) shall, among other things, be car-
5 ried out through a comprehensive defense strategy
6 and guidance to outline and resource the necessary
7 defense capabilities in the European theater. Such
8 policy shall include the following:

9 (A) Increased United States presence in
10 Europe through additional permanently sta-
11 tioned forces.

12 (B) Continued United States presence in
13 Europe through additional rotational forces.

14 (C) Increased United States prepositioned
15 military equipment to include logistics enablers
16 and a division headquarters.

17 (D) Sufficient and necessary infrastructure
18 additions and improvements throughout the Eu-
19 ropean theater.

20 (E) Increased investment and priority to
21 counter unconventional methods of warfare, in-
22 cluding sufficient cyber warfare resources, in-
23 formation operations resources, and intelligence
24 resources.

1 (F) Effective security cooperation re-
2 sources and opportunities with partners and al-
3 lies, including NATO member countries.

1 **SEC. 1234. [LOG 64999] MODIFICATION AND EXTENSION OF**
2 **UKRAINE SECURITY ASSISTANCE INITIATIVE.**

3 Section 1250 of the National Defense Authorization
4 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.
5 1068), as amended by section 1237 of the National De-
6 fense Authorization Act for Fiscal Year 2017 (Public Law
7 114–328; 130 Stat. 2494), is further amended—

8 (1) in subsection (c)—

9 (A) in paragraph (1), by striking
10 “\$175,000,000 of the funds available for fiscal
11 year 2017 pursuant to subsection (f)(2)” and
12 inserting “\$75,000,000 of the funds available
13 for fiscal year 2018 pursuant to subsection
14 (f)(3)”; and

15 (B) in paragraph (3)—

16 (i) by striking “fiscal year 2017” and
17 inserting “fiscal year 2018”; and

18 (ii) by striking “\$100,000,000” and
19 inserting “\$50,000,000”;

20 (2) in subsection (f), by adding at the end the
21 following:

22 “(3) For fiscal year 2018, \$150,000,000.”; and

23 (3) in subsection (h), by striking “December
24 31, 2018” and inserting “December 31, 2019”.

1 **SEC. 1243. [LOG 65606] COMPLIANCE ENFORCEMENT RE-**
2 **GARDING RUSSIAN VIOLATIONS OF THE INF**
3 **TREATY.**

4 (a) STATEMENT OF UNITED STATES POLICY.—It is
5 the policy of the United States as follows:

6 (1) The actions undertaken by the Russian
7 Federation in violation of the INF Treaty constitute
8 a material breach of the treaty.

9 (2) In light of the Russian Federation's mate-
10 rial breach of the INF Treaty, the United States is
11 legally entitled to suspend the operation of the INF
12 Treaty in whole or in part for so long as the Russian
13 Federation continues to be in material breach.

14 (3) For so long as the Russian Federation re-
15 mains in noncompliance with the INF Treaty, the
16 United States should take actions to encourage the
17 Russian Federation return to compliance, including
18 by—

19 (A) providing additional funds for the ca-
20 pabilities identified in section 1243(d) of the
21 National Defense Authorization Act for Fiscal
22 Year 2016 (Public Law 114–92; 129 Stat.
23 1062); and

24 (B) seeking additional missile defense as-
25 sets in the European theater to protect United
26 States and NATO forces from ground-launched

1 missile systems of the Russian Federation that
2 are in noncompliance with the INF Treaty.

3 (b) AUTHORIZATION OF ADDITIONAL APPROPRIA-
4 TIONS.—

5 (1) IN GENERAL.—Of the funds authorized to
6 be appropriated by this Act for fiscal year 2018 for
7 research, development, test, and evaluation, as speci-
8 fied in the funding table in division D, \$50,000,000
9 shall be made available for—

10 (A) the development of active defenses to
11 counter ground-launched missile systems with
12 ranges between 500 and 5,500 kilometers;

13 (B) counterforce capabilities to prevent at-
14 tacks from these missiles; and

15 (C) countervailing strike capabilities to en-
16 hance the capabilities of the United States iden-
17 tified in section 1243(d) of the National De-
18 fense Authorization Act for Fiscal Year 2016
19 (Public Law 114–92; 129 Stat. 1062).

20 (2) DEVELOPMENT.—Of the amount authorized
21 to be appropriated by paragraph (1), \$25,000,000 is
22 authorized to be appropriated for activities under-
23 taken to carry out section 1244(a), including with
24 respect to research and development activities.

1 **Subtitle F—Matters Relating to the**
2 **Indo-Asia-Pacific Region**

3 **SEC. 1251. [LOG 65329] SENSE OF CONGRESS ON THE INDO-**
4 **ASIA-PACIFIC REGION.**

5 It is the sense of Congress that—

6 (1) the security, stability, and prosperity of the
7 Indo-Asia-Pacific region are vital to the national in-
8 terests of the United States;

9 (2) the United States should maintain a mili-
10 tary capability in the region that is able to project
11 power, deter acts of aggression, and respond, if nec-
12 essary, to regional threats;

13 (3) continuing efforts by the Department of De-
14 fense to realign forces, commit additional assets, and
15 increase investments to the Indo-Asia-Pacific region
16 are necessary to maintain a robust United States
17 commitment to the region;

18 (4) the Secretary of Defense should—

19 (A) assess the current United States force
20 posture in the Indo-Asia-Pacific region to en-
21 sure that the United States maintains an ap-
22 propriate forward presence in the region;

23 (B) invest in critical munitions, undersea
24 warfare capabilities, amphibious capabilities, re-
25 siliant space architectures, missile defense, of-

1 fensive and defensive cyber capabilities, and
2 other capabilities conducive to operating effec-
3 tively in contested environments; and

4 (C) enhance regional force readiness
5 through joint training and exercises, consid-
6 ering contingencies ranging from grey zone to
7 high-end near-peer conflict; and

8 (5) the United States should continue to engage
9 in the Indo-Asia-Pacific region by strengthening alli-
10 ances and partnerships, supporting regional institu-
11 tions and bodies such as the Association of South-
12 east Asian Nations (ASEAN), building cooperative
13 security arrangements, addressing shared challenges,
14 and reinforcing the role of international law.

1 **SEC. 1252. [LOG 65332] REPORT ON STRATEGY TO**
2 **PRIORITIZE UNITED STATES DEFENSE INTER-**
3 **ESTS IN THE INDO-ASIA-PACIFIC REGION.**

4 (a) REQUIRED REPORT.—Not later than February 1,
5 2018, the Secretary of Defense, in consultation with the
6 Secretary of State, shall submit to the congressional de-
7 fense committees, the Committee on Foreign Relations of
8 the Senate, and the Committee on Foreign Affairs of the
9 House of Representatives a report that contains a strategy
10 to prioritize United States defense interests in the Indo-
11 Asia-Pacific region. The strategy shall address the fol-
12 lowing:

13 (1) The security challenges, including threats,
14 emanating from the Indo-Asia-Pacific region.

15 (2) The primary objectives and priorities in the
16 Indo-Asia-Pacific region, including—

17 (A) the military missions necessary to ad-
18 dress threats on the Korean Peninsula;

19 (B) the role of the Department of Defense
20 in the Indo-Asia-Pacific region regarding secu-
21 rity challenges posed by China;

22 (C) the primary objectives and priorities
23 for combating terrorism in the Indo-Asia-Pa-
24 cific region;

25 (3) Department of Defense plans, force posture,
26 capabilities, and resources to address any gaps.

1 (4) The roles of allies, partners, and other
2 countries in achieving United States defense objec-
3 tives and priorities.

4 (5) Actions the Department of Defense could
5 take, in cooperation with other Federal departments
6 or agencies, to advance United States national secu-
7 rity interests in the Indo-Asia-Pacific region.

8 (6) Any other matters the Secretary of Defense
9 determines to be appropriate.

10 (b) FORM.—The report required by subsection (a)
11 shall be submitted in unclassified form, but may contain
12 a classified annex.

13 (c) ANNUAL BUDGET.—The President, acting
14 through the Director of the Office of Management and
15 Budget, shall ensure that the annual budget submitted to
16 Congress under section 1105 of title 31, United States
17 Code, clearly highlights programs and projects that are
18 being funded in the annual budget of the United States
19 Government that relate to the strategy referred to in sub-
20 section (a).

21 (d) REPEAL.—Section 1251 of the Carl Levin and
22 Howard P. “Buck” McKeon National Defense Authoriza-
23 tion Act for Fiscal Year 2015 (Public Law 113–291; 128
24 Stat. 3570) is hereby repealed.

1 **SEC. 1253. [LOG 65333] ASSESSMENT OF UNITED STATES**
2 **FORCE POSTURE AND BASING NEEDS IN THE**
3 **INDO-ASIA-PACIFIC REGION.**

4 (a) ASSESSMENT REQUIRED.—

5 (1) IN GENERAL.—The Secretary of Defense
6 shall conduct an assessment of United States force
7 posture and basing needs in the Indo-Asia-Pacific
8 region.

9 (2) ELEMENTS.—The assessment required
10 under paragraph (1) shall include the following:

11 (A) A review of military requirements
12 based on operation and contingency plans, sce-
13 narios, capabilities of potential adversaries, and
14 any assessed gaps or shortfalls of the Armed
15 Forces.

16 (B) A review of current United States mili-
17 tary force posture and deployment plans of the
18 United States Pacific Command.

19 (C) An analysis of potential future realign-
20 ments of United States forces in the region, in-
21 cluding options for strengthening United States
22 presence, access, readiness, training, exercises,
23 logistics, and pre-positioning.

24 (D) A discussion of any factors that may
25 influence the United States posture.

1 (E) Any recommended changes to the
2 United States posture in the region.

3 (F) Any other matters the Secretary of
4 Defense determines to be appropriate.

5 (b) REPORT.—

6 (1) IN GENERAL.—Not later than March 1,
7 2018, the Secretary of Defense shall submit to the
8 congressional defense committees a report that in-
9 cludes the assessment required under subsection (a).

10 (2) FORM.—The report required under para-
11 graph (1) shall be submitted in unclassified form,
12 but may contain a classified annex.

1 **SEC. 1254. [LOG 65337] EXTENDED DETERRENCE COMMIT-**
2 **MENT TO THE ASIA-PACIFIC REGION.**

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

4 (1) The 2010 Nuclear Posture Review re-
5 affirmed the commitment of the United States to ex-
6 tended deterrence and continued protection of the
7 treaty allies of the United States under the United
8 States nuclear umbrella.

9 (2) The United States-Republic of Korea Deter-
10 rence Strategy Committee and the United States-
11 Japan Extended Deterrence Dialogue provide valu-
12 able communication channels for ensuring the com-
13 mitment of the United States to the policy of ex-
14 tended nuclear deterrence and allow for bilateral dis-
15 cussions on how United States capabilities can be le-
16 veraged to credibly deter, and if necessary, defeat,
17 North Korean nuclear weapons, weapons of mass de-
18 struction, and missile threats and aggression.

19 (3) Statements by officials of the United States
20 have consistently emphasized the United States com-
21 mitment to providing extended deterrence and de-
22 fense across the full spectrum of military capabili-
23 ties, including nuclear capabilities.

24 (4) On September 9, 2016, President Obama
25 responded to a North Korean nuclear test by issuing
26 the following statement, “I restated to President

1 Park and Prime Minister Abe the unshakable U.S.
2 commitment to take necessary steps to defend our
3 allies in the region, including through our deploy-
4 ment of a Terminal High Altitude Area Defense
5 (THAAD) battery to the ROK, and the commitment
6 to extended deterrence, guaranteed by the full spec-
7 trum of U.S. defense capabilities.”.

8 (5) On October 14, 2016, Chairman of the
9 Joint Chiefs of Staff, General Joseph Dunford, “re-
10 affirmed the ironclad commitment of the U.S. to de-
11 fend both the ROK and Japan and provide extended
12 deterrence guaranteed by the full spectrum of U.S.
13 military capabilities, including conventional, nuclear,
14 and missile defense capabilities”.

15 (6) On October 19, 2016, Secretary of Defense
16 Ashton Carter, stated, “the U.S. commitment to the
17 defense of South Korea is unwavering. This includes
18 our commitment to provide extended deterrence,
19 guaranteed by the full spectrum of U.S. defense ca-
20 pabilities. Make no mistake: Any attack on America
21 or our allies will not only be defeated, but any use
22 of nuclear weapons will be met with an over-
23 whelming and effective response.”.

24 (7) On October 19, 2016, Secretary of State
25 John Kerry, during a joint press conference with the

1 South Korean Foreign Minister, confirmed the
2 United States would “defend South Korea through
3 a robust combined defense posture and through ex-
4 tended deterrence, including the US nuclear um-
5 brella, conventional strike and missile defense capa-
6 bilities.”.

7 (8) On February 3, 2017, Secretary of Defense
8 James Mattis, during a visit to South Korea, stated,
9 “America’s commitments to defending our allies and
10 to upholding our extended deterrence guarantees re-
11 main ironclad: Any attack on the United States, or
12 our allies, will be defeated, and any use of nuclear
13 weapons would be met with a response that would
14 be effective and overwhelming.”.

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

17 (1) the defense of the Republic of Korea and
18 Japan must remain a top priority for the adminis-
19 tration;

20 (2) the United States maintains an unwavering
21 and steadfast commitment to the policy of extended
22 deterrence, especially with respect to South Korea
23 and Japan;

24 (3) bilateral extended deterrence dialogues and
25 discussions with South Korea and Japan are of

1 great value to the United States and its partners
2 and must remain a central component of these rela-
3 tionships;

4 (4) the United States must sustain and mod-
5 ernize current United States nuclear capabilities to
6 ensure the extended deterrence commitments of the
7 United States remain credible and executable; and

8 (5) the timely development, production, and de-
9 ployment of modern nuclear-capable aircraft are fun-
10 damental to ensure that the United States remains
11 able to meet extended deterrence requirements in the
12 Asia-Pacific region far into the future.

13 (c) RULE OF CONSTRUCTION.—Nothing in this sec-
14 tion may be construed to alter the shared goal of the
15 United States, South Korea, and Japan for a
16 denuclearized Korean Peninsula or to change the United
17 States nuclear posture in the Asia-Pacific region.

1 **SEC. 1255. [LOG 65351] SENSE OF CONGRESS REAFFIRMING**
2 **SECURITY COMMITMENTS TO THE GOVERN-**
3 **MENTS OF JAPAN AND SOUTH KOREA AND**
4 **TRILATERAL COOPERATION BETWEEN THE**
5 **UNITED STATES, JAPAN, AND SOUTH KOREA.**

6 It is the sense of Congress that—

7 (1) the United States values its alliances with
8 the Governments of Japan and the Republic of
9 Korea, based on shared values of democracy, the
10 rule of law, free and open markets, and respect for
11 human rights;

12 (2) the United States reaffirms its commitment
13 to these alliances with Japan and South Korea,
14 which are critical for the preservation of peace and
15 stability in the Asia-Pacific region and throughout
16 the world;

17 (3) the United States recognizes the substantial
18 financial commitments of Japan and South Korea to
19 the maintenance of United States forces in these
20 countries, making them among the most significant
21 burden-sharing partners of the United States;

22 (4) the United States reaffirms its commitment
23 to Article V of the Treaty of Mutual Cooperation
24 and Security between the United States of America
25 and Japan, which applies to the Japanese-adminis-
26 tered Senkaku Islands;

1 (5) the United States supports continued imple-
2 mentation and expansion of defense cooperation with
3 Japan in accordance with the 2015 U.S.-Japan De-
4 fense Guidelines and additional measures to
5 strengthen this defense cooperation, including by ex-
6 panding foreign military sales, establishing new co-
7 operative technology development programs, increas-
8 ing military exercises, or other actions as appro-
9 priate;

10 (6) the United States and South Korea share
11 deep concerns that the nuclear and ballistic missile
12 programs of North Korea and its repeated provo-
13 cations pose great threats to peace and stability on
14 the Korean Peninsula, and the United States recog-
15 nizes that South Korea has made important commit-
16 ments to the bilateral security alliance, including by
17 hosting a Terminal High Altitude Area Defense
18 (THAAD) system;

19 (7) the United States and South Korea should
20 continue further defense cooperation, by enhancing
21 mutual security based on the Mutual Defense Treaty
22 between the United States and the Republic of
23 Korea and investing in capabilities critical to the
24 combined defense;

1 (8) the United States welcomes greater security
2 cooperation with, and among, Japan and South
3 Korea to promote mutual interests and address
4 shared concerns, including the bilateral military in-
5 telligence-sharing pact between Japan and South
6 Korea, signed on November 23, 2016, and the tri-
7 lateral intelligence sharing agreement between the
8 United States, Japan, and South Korea, signed on
9 December 29, 2015; and

10 (9) recognizing that North Korea poses a threat
11 to the United States, Japan, and South Korea, and
12 that the security of the three countries is inter-
13 twined, the United States welcomes and encourages
14 deeper trilateral defense cooperation, including
15 through expanded exercises, training, and informa-
16 tion sharing that strengthens integration.

1 **SEC. 1256. [LOG 65354] SENSE OF CONGRESS ON FREEDOM**
2 **OF NAVIGATION OPERATIONS IN THE SOUTH**
3 **CHINA SEA.**

4 It is the sense of Congress that—

5 (1) the United States has a national interest in
6 maintaining freedom of navigation, respect for inter-
7 national law, and unimpeded lawful commerce in the
8 South China Sea;

9 (2) the United States should condemn any as-
10 sertion that limits the right to freedom of navigation
11 and overflight; and

12 (3) the United States should keep to a regular
13 and routine schedule for freedom of navigation oper-
14 ations in the sea and air.

1 **SEC. 1257. [LOG 65366] SENSE OF CONGRESS ON**
2 **STRENGTHENING THE DEFENSE OF TAIWAN.**

3 It is the sense of Congress that—

4 (1) the Taiwan Relations Act (Public Law 96–
5 8; 22 U.S.C. 3301 et seq.) codified the basis for
6 commercial, cultural, and other relations between
7 the United States and Taiwan, and the Six Assur-
8 ances are an important aspect in guiding bilateral
9 relations;

10 (2) Section 3(a) of that Act states that “the
11 United States will make available to Taiwan such
12 defense articles and defense services in such quan-
13 tity as may be necessary to enable Taiwan to main-
14 tain a sufficient self-defense capability”;

15 (3) the United States, in accordance with such
16 section, should make available and provide timely re-
17 view of requests for defense articles and defense
18 services that may be necessary for Taiwan to main-
19 tain a sufficient self-defense capability;

20 (4) Taiwan should significantly increase its de-
21 fense budget to maintain a sufficient self-defense ca-
22 pability;

23 (5) the United States should support expanded
24 exchanges focused on practical training for Taiwan
25 personnel by and with United States military units,
26 including exchanges between services, to empower

1 senior military officers to identify and develop asym-
2 metric and innovative capabilities that strengthen
3 Taiwan's ability to deter aggression;

4 (6) the United States should seek opportunities
5 for expanded training and exercises with Taiwan;

6 (7) the United States should encourage Tai-
7 wan's continued investments in asymmetric self-de-
8 fense capabilities that are mobile, survivable against
9 threatening forces, and able to take full advantage
10 of Taiwan's geography; and

11 (8) the United States should continue to—

12 (A) support humanitarian assistance and
13 disaster relief exercises that increase Taiwan's
14 resiliency and ability to respond to and recover
15 from natural disasters; and

16 (B) recognize Taiwan's already valuable
17 military contributions to such efforts.

1 **SEC. 1258. [LOG 65391] SENSE OF CONGRESS ON THE ASSO-**
2 **CIATION OF SOUTHEAST ASIAN NATIONS.**

3 (a) FINDING.—Congress finds that 2017 is the 50th
4 anniversary of the formation of the Association of South-
5 east Asian Nations (ASEAN), which includes Indonesia,
6 Malaysia, the Philippines, Singapore, Thailand, Brunei,
7 Vietnam, Laos, Burma, and Cambodia.

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

10 (1) the United States supports the development
11 of regional institutions and bodies, including the
12 ASEAN Regional Forum, the ASEAN Defense Min-
13 isters Meeting Plus, the East Asia Summit, and the
14 expanded ASEAN Maritime Forum, to increase re-
15 gional cooperation and ensure that disputes are
16 managed without intimidation, coercion, or force;

17 (2) the United States recognizes ASEAN ef-
18 forts to promote peace, stability, and prosperity in
19 the region, including the steps taken to highlight the
20 importance of peaceful dispute resolution and the
21 need for adherence to international rules and stand-
22 ards.

23 (3) United States defense engagement with
24 ASEAN and the ASEAN Defense Ministers Meeting
25 Plus should continue to be forums to discuss shared
26 challenges in the maritime domain and the need for

1 greater information sharing among ASEAN nations;
2 and
3 (4) the United States welcomes continued work
4 with ASEAN and other regional partners to estab-
5 lish more reliable and routine crisis communication
6 mechanisms.

1 **SEC. 1259. [LOG 65429] SENSE OF CONGRESS ON REAFFIRM-**
2 **ING THE IMPORTANCE OF THE UNITED**
3 **STATES-AUSTRALIA DEFENSE ALLIANCE.**

4 It is the sense of Congress that—

5 (1) the United States values its alliance with
6 the Government of Australia, and the shared values
7 and interests between both countries are essential to
8 promoting peace, security, stability, and economic
9 prosperity in the Indo-Asia-Pacific region;

10 (2) the annual rotations of United States Ma-
11 rine Corps forces to Darwin, Australia and enhanced
12 rotations of United States Air Force aircraft to Aus-
13 tralia pave the way for even closer defense and secu-
14 rity cooperation;

15 (3) the Treaty Between the Government of the
16 United States of America and the Government of
17 Australia Concerning Defense Trade Cooperation,
18 done at Sydney, September 5, 2007, should continue
19 to facilitate industry collaboration and innovation to
20 meet shared security challenges and reinforce mili-
21 tary ties;

22 (4) as described by Australian Prime Minister
23 Malcolm Turnbull, North Korea is “a threat to the
24 peace of the region” and the United States and Aus-
25 tralia should continue to cooperate to defend against

1 the threat of North Korea's nuclear and missile ca-
2 pabilities; and
3 (5) the United States and Australia also should
4 continue to address the threat of terrorism and
5 strengthen information sharing.

1 **SEC. 1263. [LOG 65424] SECURITY AND STABILITY STRAT-**
2 **EGY FOR SOMALIA.**

3 (a) IN GENERAL.—Not later than 120 days after the
4 date of the enactment of this Act, the President shall sub-
5 mit to the appropriate congressional committees a report
6 that contains a comprehensive United States strategy to
7 achieve long-term security and stability in Somalia and in-
8 cludes each of the following elements:

9 (1) A description of United States strategic ob-
10 jectives in Somalia and the benchmarks for assessing
11 progress toward such objectives.

12 (2) An assessment of the threats posed to So-
13 malia, the broader region, the United States, and
14 partners of the United States, by al-Shabaab and or-
15 ganizations affiliated with the Islamic State of Iraq
16 and the Levant in Somalia, including the origins,
17 strategic aims, tactical methods, funding sources,
18 and leadership of each organization.

19 (3) A description of the key international and
20 United States governance, diplomatic, development,
21 military, and intelligence resources available to ad-
22 dress instability in Somalia.

23 (4) A plan to improve coordination among, and
24 effectiveness of, United States governance, diplo-
25 matic, development, military, and intelligence re-
26 sources to counter the threat of al-Shabaab and or-

1 organizations affiliated with the Islamic State of Iraq
2 and the Levant in Somalia.

3 (5) A description of the role the United States
4 is playing or will play to address political instability
5 and support long-term security and stability in So-
6 malia.

7 (6) A description of the contributions made by
8 the African Union Mission in Somalia (in this sec-
9 tion referred to as “AMISOM”) to security in Soma-
10 lia and an assessment of the anticipated duration of
11 support provided to AMISOM by troop contributing
12 countries.

13 (7) A plan to train the Somali National Army
14 and other Somali security forces, that also in-
15 cludes—

16 (A) a description of the assistance provided
17 by other countries for such training; and

18 (B) a description of the efforts to integrate
19 regional militias into the uniformed Somali se-
20 curity forces.

21 (8) A description of the steps the United
22 States, AMISOM, and any forces trained by the
23 United States are taking in Somalia to minimize ci-
24 vilian casualties and other harm to civilians.

1 (9) Any other matters the President considers
2 appropriate.

3 (b) FORM.—The report required under subsection (a)
4 shall be submitted in unclassified form but may include
5 a classified annex.

6 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
7 FINED.—In this section, the term “appropriate congress-
8 sional committees” means—

9 (1) the Committee on Armed Services, the
10 Committee on Foreign Affairs, the Committee on
11 Appropriations, and the Permanent Select Com-
12 mittee on Intelligence of the House of Representa-
13 tives; and

14 (2) the Committee on Armed Services, the
15 Committee on Foreign Relations, the Committee on
16 Appropriations, and the Select Committee on Intel-
17 ligence of the Senate.

1 **SEC. 1264. [LOG 65497] ASSESSMENT OF GLOBAL THEATER**
2 **SECURITY COOPERATION MANAGEMENT IN-**
3 **FORMATION SYSTEM.**

4 (a) REPORT.—Not later than 6 months after the date
5 of the enactment of this Act, the Secretary of Defense
6 shall submit to the congressional defense committees a re-
7 port setting forth an assessment, obtained by the Sec-
8 retary for purposes of the report, of the effectiveness of
9 measures taken to improve the functionality of the Global
10 Theater Security Cooperation Management Information
11 System (in this section referred to as the “G-TSCMIS”).

12 (b) INDEPENDENT ASSESSMENT.—

13 (1) IN GENERAL.—The assessment obtained for
14 purposes of subsection (a) shall be conducted by a
15 federally funded research and development center
16 (FFRDC), or another appropriate independent enti-
17 ty with expertise in security cooperation programs
18 and activities of the Department of Defense, selected
19 by the Secretary for purposes of the assessment.

20 (2) USE OF PREVIOUS STUDIES.—The entity
21 conducting the assessment may use and incorporate
22 information from previous studies on matters appro-
23 priate to the assessment.

24 (c) ELEMENTS.—The assessment obtained for pur-
25 poses of subsection (a) shall include the following:

1 (1) An assessment of the extent to which secu-
2 rity cooperation organizations are entering con-
3 sistent, full, and accurate information into G-
4 TSCMIS in a timely manner, and the impacts of in-
5 consistent, incomplete, inaccurate, and tardy data
6 entry on the functionality of the G-TSCMIS as a
7 tool for security cooperation planning, resource allo-
8 cation, and program adjustment.

9 (2) An assessment of any measures taken by
10 the Department of Defense to ensure the full scope
11 of security cooperation activities are entered into the
12 G-TSCMIS in a timely manner, including any guid-
13 ance issued or resource allocation determinations.

14 (3) An assessment of the effectiveness of over-
15 sight measures to ensure the full scope of security
16 cooperation activities are entered into the G-
17 TSCMIS in a timely manner.

18 (4) An assessment of utilization by and
19 functionality for users of the G-TSCMIS across the
20 Department of Defense, including the extent of G-
21 TSCMIS business process reengineering that was
22 conducted to best align needs from the functional
23 community with the capabilities of the information
24 management tool.

1 (5) Such other matters as the Secretary con-
2 siders appropriate.

3 (d) FORM.—The report required under subsection (a)
4 shall be submitted in unclassified form, but may include
5 a classified annex.

1 **SEC. 1265. [LOG 65498] FUTURE YEARS PLAN FOR THE EU-**
2 **ROPEAN DETERRENCE INITIATIVE.**

3 (a) **PLAN REQUIRED.**—

4 (1) **IN GENERAL.**—Not later than 120 days
5 after the date of the enactment of this Act, the Sec-
6 retary of Defense, in consultation with the Com-
7 mander of the United States European Command,
8 shall submit to the congressional defense committees
9 a future years plan on activities and resources of the
10 European Deterrence Initiative (in this section re-
11 ferred to as the “EDI”).

12 (2) **APPLICABILITY.**—The plan shall apply with
13 respect fiscal year 2018 and at least the four suc-
14 ceeding fiscal years.

15 (b) **MATTERS TO BE INCLUDED.**—The plan required
16 under subsection (a) shall include the following:

17 (1) A description of the objectives of the EDI.

18 (2) An assessment of resource requirements to
19 achieve the objectives of the EDI.

20 (3) An assessment of capabilities requirements
21 to achieve the objectives of the EDI.

22 (4) An assessment of logistics requirements, in-
23 cluding force enablers, equipment, supplies, storage,
24 and maintenance requirements, to achieve the objec-
25 tives of the EDI.

1 (5) An identification and assessment of re-
2 quired infrastructure investments to achieve the ob-
3 jectives of the EDI, including potential infrastruc-
4 ture investments by host nations and new construc-
5 tion or modernization of existing sites that would be
6 funded by the United States.

7 (6) An assessment of security cooperation in-
8 vestments required to achieve the objectives of the
9 EDI.

10 (7) A plan to fully resource United States force
11 posture and capabilities, including—

12 (A) details regarding the strategy to bal-
13 ance the force structure of the United States
14 forces to source additional permanently sta-
15 tioned United States forces in Europe as a part
16 of any planned growth in end strength and
17 force posture;

18 (B) the infrastructure capacity of existing
19 locations and their ability to accommodate addi-
20 tional permanently stationed United States
21 forces in Europe;

22 (C) the potential new locations for addi-
23 tional permanently stationed United States
24 forces in Europe, including an assessment of in-
25 frastructure and military construction resources

1 necessary to accommodate additional United
2 States forces in Europe;

3 (D) a detailed timeline to achieve desired
4 permanent posture requirements;

5 (E) a reevaluation of sites identified for di-
6 vestiture but not yet divested under the Euro-
7 pean Infrastructure Consolidation initiative, ac-
8 counting for updated military requirements; and

9 (F) any changes and associated costs in-
10 curred with retaining each site identified for di-
11 vestiture but not yet divested under the Euro-
12 pean Infrastructure Consolidation initiative, in-
13 cluding possible leasing agreements,
14 sustainment, and maintenance.

15 (c) FORM.—The plan required under subsection (a)
16 shall be submitted in unclassified form, but may include
17 a classified annex.

18 (d) LIMITATIONS.—

19 (1) GENERAL LIMITATION.—The Secretary of
20 Defense may not take any action to divest any site
21 identified for divestiture but not yet divested under
22 the European Infrastructure Consolidation initiative
23 until the Secretary submits to the congressional de-
24 fense committees the plan required under subsection
25 (a).

1 (2) SITE-SPECIFIC LIMITATION.—In the case of
2 a proposed divestiture of a site under the European
3 Infrastructure Consolidation initiative, the Secretary
4 of Defense may not take any action to divest the site
5 unless prior to taking such action, the Secretary cer-
6 tifies to the congressional defense committees that
7 no military requirement for future use of the site is
8 foreseeable.

1 **SEC. 1266. [LOG 65832] EXTENSION OF AUTHORITY TO**
2 **ENTER INTO AGREEMENTS WITH PARTICI-**
3 **PATING COUNTRIES IN THE AMERICAN, BRIT-**
4 **ISH, CANADIAN, AND AUSTRALIAN ARMIES'**
5 **PROGRAM.**

6 Section 1274(g) of the National Defense Authoriza-
7 tion Act for Fiscal Year 2013 (Public Law 112–239; 126
8 Stat. 2026; 10 U.S.C. 2350a note) is amended by striking
9 “five years” and inserting “ten years”.

1 **SEC. 1267. [LOG 65802] SECURITY STRATEGY FOR YEMEN.**

2 (a) REPORT REQUIRED.—Not later than 120 days
3 after the date of enactment of this Act, the President shall
4 submit to the appropriate congressional committees a re-
5 port that contains a security strategy for Yemen.

6 (b) ELEMENTS.—The report required by subsection
7 (a) shall include the following elements:

8 (1) A discussion of the strategy's compliance
9 with applicable legal authorities.

10 (2) A detailed description of the security envi-
11 ronment.

12 (3) A detailed description of the threats posed
13 by Al Qaeda in the Arabian Peninsula and the Is-
14 lamic State in Iraq and the Levant—Yemen Province,
15 including the origins, leadership, strategic aims, tac-
16 tical methods, and resources attributable to each or-
17 ganization.

18 (4) A detailed description of the threats posed
19 to freedom of navigation through the Bab al Mandab
20 Strait and waters in proximity to Yemen as well as
21 any United States efforts to mitigate those threats.

22 (5) A discussion of the ends, ways, and means
23 inherent to the strategy.

24 (6) A discussion of the strategy's objectives re-
25 garding counterterrorism and long-term stability in
26 Yemen.

1 (7) A plan to coordinate the United States dip-
2 lomatic, development, military, and intelligence re-
3 sources necessary to implement the strategy.

4 (8) A detailed description of the roles of the
5 United States Armed Forces in implementing the
6 strategy.

7 (c) FORM.—The report required by subsection (a)
8 shall be submitted in unclassified form, but may include
9 a classified annex.

10 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
11 DEFINED.—In this section, the term “appropriate con-
12 gressional committees” means—

13 (1) the Committee on Armed Services, the
14 Committee on Foreign Relations, the Committee on
15 Appropriations, and the Select Committee on Intel-
16 ligence of the Senate; and

17 (2) the Committee on Armed Services, the
18 Committee on Foreign Affairs, the Committee on
19 Appropriations, and the Permanent Select Com-
20 mittee on Intelligence of the House of Representa-
21 tives.

1 **SEC. 1268. [LOG 65775] LIMITATION ON TRANSFER OF EX-**
2 **CESS DEFENSE ARTICLES THAT ARE HIGH**
3 **MOBILITY MULTI-PURPOSE WHEELED VEHI-**
4 **CLES.**

5 (a) **LIMITATION.**—The President may not transfer
6 excess defense articles that are high mobility multi-pur-
7 pose wheeled vehicles under the authority of section 516
8 of the Foreign Assistance Act of 1961 (22 U.S.C. 2321j)
9 to foreign countries until 30 days after the date on which
10 the Comptroller General of the United States has sub-
11 mitted the report required under subsection (b) to the ap-
12 propriate congressional committees.

13 (b) **REPORT REQUIRED.**—The Comptroller General
14 of the United States shall submit to the appropriate con-
15 gressional committees a report on all proposed and com-
16 pleted transfers of excess defense articles that are high
17 mobility multi-purpose wheeled vehicles under the author-
18 ity of section 516 of the Foreign Assistance Act of 1961
19 (22 U.S.C. 2321j) during fiscal years 2012 through 2016.
20 Such report shall include the following:

21 (1) An assessment of the timing, rigorousness,
22 and procedures used in conducting the analysis of
23 the impact of each such transfer on the national
24 technology and industrial base and, particularly, the
25 impact on opportunities of entities in the national
26 technology and industrial base to sell new or used

1 equipment to the countries to which such articles
2 were to be or were transferred in accordance with
3 section 516(b)(1)(E) of the Foreign Assistance Act
4 of 1961 (22 U.S.C. 2321j(b)(1)(E)).

5 (2) Any other related matters the Comptroller
6 General determines to be appropriate.

7 (c) WAIVER.—The President may waive the limita-
8 tion in subsection (a) with respect to a proposed transfer
9 of excess defense articles if the President—

10 (1) determines that such transfer is in the na-
11 tional interest of the United States; and

12 (2) notifies the appropriate congressional com-
13 mittees of such waiver in writing not less than 30
14 days prior to such transfer.

15 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
16 DEFINED.—In this section, the term “appropriate con-
17 gressional committees” means—

18 (1) the congressional defense committees; and

19 (2) the Committee on Foreign Relations of the
20 Senate and the Committee on Foreign Affairs of the
21 House of Representatives.

22 (e) EFFECTIVE DATE.—This section shall take effect
23 on the date of the enactment of this Act and shall apply
24 with respect to letters of offer to transfer excess defense

- 1 articles that are high mobility multi-purpose wheeled vehi-
- 2 cles issued on or after such date of enactment.

1 **SEC. 1269. [LOG 65693] DEPARTMENT OF DEFENSE PRO-**
2 **GRAM TO PROTECT UNITED STATES STU-**
3 **DENTS AGAINST FOREIGN AGENTS.**

4 (a) PROGRAM.—The Secretary of Defense shall de-
5 velop and implement a program to prepare United States
6 students studying abroad through Department of Defense
7 National Security Education Programs to recognize and
8 protect themselves against recruitment efforts by intel-
9 ligence agents.

10 (b) BRIEFING.—Not later than 180 days after the
11 date of the enactment of this Act, the Secretary of Defense
12 shall provide to the Committee on Armed Services of the
13 Senate and the Committee on Armed Services of the
14 House of Representatives a briefing on the program re-
15 quired under subsection (a).



1 **Subtitle A—Military Programs**

2 **SEC. 1401 [log 65151]. WORKING CAPITAL FUNDS.**

3 Funds are hereby authorized to be appropriated for
4 fiscal year 2018 for the use of the Armed Forces and other
5 activities and agencies of the Department of Defense for
6 providing capital for working capital and revolving funds,
7 as specified in the funding table in section 4501.

1 **SEC. 1402 [log 65152]. CHEMICAL AGENTS AND MUNITIONS**
2 **DESTRUCTION, DEFENSE.**

3 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
4 are hereby authorized to be appropriated for the Depart-
5 ment of Defense for fiscal year 2018 for expenses, not oth-
6 erwise provided for, for Chemical Agents and Munitions
7 Destruction, Defense, as specified in the funding table in
8 section 4501.

9 (b) USE.—Amounts authorized to be appropriated
10 under subsection (a) are authorized for—

11 (1) the destruction of lethal chemical agents
12 and munitions in accordance with section 1412 of
13 the Department of Defense Authorization Act, 1986
14 (50 U.S.C. 1521); and

15 (2) the destruction of chemical warfare materiel
16 of the United States that is not covered by section
17 1412 of such Act.

1 **SEC. 1403 [log 65153]. DRUG INTERDICTION AND COUNTER-**
2 **DRUG ACTIVITIES 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 4501.

1 **SEC. 1404 [log 65154]. DEFENSE INSPECTOR GENERAL.**

2 Funds are hereby authorized to be appropriated for
3 the Department of Defense for fiscal year 2018 for ex-
4 penses, not otherwise provided for, for the Office of the
5 Inspector General of the Department of Defense, as speci-
6 fied in the funding table in section 4501.

1 **SEC. 1405 [log 65159]. DEFENSE HEALTH PROGRAM.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2018 for the Defense Health Program, as spec-
4 ified in the funding table in section 4501, for use of the
5 Armed Forces and other activities and agencies of the De-
6 partment of Defense in providing for the health of eligible
7 beneficiaries.

1 **SEC. 1406 [log 65884]. NATIONAL DEFENSE SEALIFT FUND.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2018 for the National Defense Sealift Fund,
4 as specified in the funding table in section 4501.

1 **Subtitle A—Authorization of**
2 **Appropriations**

3 **SEC. 1501 [Log 65151]. PURPOSE AND TREATMENT OF CER-**
4 **TAIN AUTHORIZATIONS OF APPROPRIATIONS.**

5 (a) **PURPOSE.**—The purpose of this subtitle is to au-
6 authorize appropriations for the Department of Defense for
7 fiscal year 2018 to provide additional funds—

8 (1) for overseas contingency operations being
9 carried out by the Armed Forces; and

10 (2) pursuant to sections 1502, 1503, 1504, and
11 1505 for expenses, not otherwise provided for, for
12 procurement, research, development, test, and eval-
13 uation, operation and maintenance, and military per-
14 sonnel, as specified in the funding tables in sections
15 4103, 4203, 4303, and 4403.

16 (b) **TREATMENT OF FUNDS.**— The Director of the
17 Office of Management and Budget shall apportion the
18 funds identified in subsection (a)(2) to the Department
19 of Defense without restriction, limitation, or constraint on
20 the execution of such funds in support of base require-
21 ments, including any restriction, limitation, or constraint
22 imposed by, or described in, the document entitled “Cri-
23 teria for War/Overseas Contingency Operations Funding
24 Requests” transmitted by the Director to the Department

1 of Defense on September 9, 2010, or any successor or re-
2 lated guidance.

1 **SEC. 1502 [Log 65162]. PROCUREMENT.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2018 for procurement accounts for the Army,
4 the Navy and the Marine Corps, the Air Force, and De-
5 fense-wide activities, as specified in—

6 (1) the funding table in section 4102; or

7 (2) the funding table in section 4103.

1 **SEC. 1503 [Log 65163]. RESEARCH, DEVELOPMENT, TEST,**
2 **AND EVALUATION.**

3 Funds are hereby authorized to be appropriated for
4 fiscal year 2018 for the use of the Department of Defense
5 for research, development, test, and evaluation, as speci-
6 fied in—

- 7 (1) the funding table in section 4202; or
8 (2) the funding table in section 4203.

1 **SEC. 1504 [Log 65164]. OPERATION AND MAINTENANCE.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2018 for the use of the Armed Forces and other
4 activities and agencies of the Department of Defense for
5 expenses, not otherwise provided for, for operation and
6 maintenance, as specified in—

7 (1) the funding table in section 4302, or

8 (2) the funding table in section 4303.

1 **SEC. 1505 [Log 65165]. MILITARY PERSONNEL.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2018 for the use of the Armed Forces and other
4 activities and agencies of the Department of Defense for
5 expenses, not otherwise provided for, for military per-
6 sonnel, as specified in—

7 (1) the funding table in section 4402; or

8 (2) the funding table in section 4403.

1 .

2 **SEC. 1506 [Log 65167]. WORKING CAPITAL FUNDS.**

3 Funds are hereby authorized to be appropriated for
4 fiscal year 2018 for the use of the Armed Forces and other
5 activities and agencies of the Department of Defense for
6 providing capital for working capital and revolving funds,
7 as specified in the funding table in section 4502.

1 **SEC. 1507 [Log 65158]. DRUG INTERDICTION AND COUNTER-**
2 **DRUG ACTIVITIES, 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.

1 **SEC. 1508 [Log 65169]. DEFENSE INSPECTOR GENERAL.**

2 Funds are hereby authorized to be appropriated for
3 the Department of Defense for fiscal year 2018 for ex-
4 penses, not otherwise provided for, for the Office of the
5 Inspector General of the Department of Defense, as speci-
6 fied in the funding table in section 4502.

1 **SEC. 1509 [Log 65170]. DEFENSE HEALTH PROGRAM.**

2 Funds are hereby authorized to be appropriated for
3 the Department of Defense for fiscal year 2018 for ex-
4 penses, not otherwise provided for, for the Defense Health
5 Program, as specified in the funding table in section 4502.

1 **Subtitle B—Financial Matters**

2 **SEC. 1511 [Log 65171]. TREATMENT AS ADDITIONAL AU-**
3 **THORIZATIONS.**

4 The amounts authorized to be appropriated by this
5 title are in addition to amounts otherwise authorized to
6 be appropriated by this Act.

1 **SEC. 1512 [Log 65172]. SPECIAL TRANSFER AUTHORITY.**

2 (a) AUTHORITY TO TRANSFER AUTHORIZATIONS.—

3 (1) AUTHORITY.—Upon determination by the
4 Secretary of Defense that such action is necessary in
5 the national interest, the Secretary may transfer
6 amounts of authorizations made available to the De-
7 partment of Defense in this title for fiscal year 2018
8 between any such authorizations for that fiscal year
9 (or any subdivisions thereof).

10 (2) EFFECT OF TRANSFER.—Amounts of au-
11 thorizations transferred under this subsection shall
12 be merged with and be available for the same pur-
13 poses as the authorization to which transferred.

14 (3) LIMITATIONS.—The total amount of author-
15 izations that the Secretary may transfer under the
16 authority of this subsection may not exceed
17 \$2,500,000,000.

18 (4) EXCEPTION.—In the case of the authoriza-
19 tions of appropriations contained in sections 1502,
20 1503, 1504, and 1505 that are provided for the pur-
21 pose specified in section 1501(2), the transfer au-
22 thority provided under section 1001, rather than the
23 transfer authority provided by this subsection, shall
24 apply to any transfer of amounts of such authoriza-
25 tions.

1 (b) TERMS AND CONDITIONS.—Transfers under this
2 section shall be subject to the same terms and conditions
3 as transfers under section 1001.

4 (c) ADDITIONAL AUTHORITY.—The transfer author-
5 ity provided by this section is in addition to the transfer
6 authority provided under section 1001.

1 **Subtitle C—Limitations, Reports,**
2 **and Other Matters**

3 **SEC. 1521 [Log 65049]. AFGHANISTAN SECURITY FORCES**
4 **FUND.**

5 (a) CONTINUATION OF PRIOR AUTHORITIES AND
6 NOTICE AND REPORTING REQUIREMENTS.—Funds avail-
7 able to the Department of Defense for the Afghanistan
8 Security Forces Fund for fiscal year 2018 shall be subject
9 to the conditions contained in subsections (b) through (g)
10 of section 1513 of the National Defense Authorization Act
11 for Fiscal Year 2008 (Public Law 110–181; 122 Stat.
12 428), as amended by section 1531(b) of the Ike Skelton
13 National Defense Authorization Act for Fiscal Year 2011
14 (Public Law 111–383; 124 Stat. 4424).

15 (b) EQUIPMENT DISPOSITION.—

16 (1) ACCEPTANCE OF CERTAIN EQUIPMENT.—

17 Subject to paragraph (2), the Secretary of Defense
18 may accept equipment that is procured using
19 amounts in the Afghanistan Security Forces Fund
20 authorized under this Act and is intended for trans-
21 fer to the security forces of Afghanistan, but is not
22 accepted by such security forces.

23 (2) CONDITIONS ON ACCEPTANCE OF EQUIP-

24 MENT.—Before accepting any equipment under the
25 authority provided by paragraph (1), the Com-

1 mander of United States forces in Afghanistan shall
2 make a determination that the equipment was pro-
3 cured for the purpose of meeting requirements of the
4 security forces of Afghanistan, as agreed to by both
5 the Government of Afghanistan and the United
6 States, but is no longer required by such security
7 forces or was damaged before transfer to such secu-
8 rity forces.

9 (3) ELEMENTS OF DETERMINATION.—In mak-
10 ing a determination under paragraph (2) regarding
11 equipment, the Commander of United States forces
12 in Afghanistan shall consider alternatives to Sec-
13 retary of Defense acceptance of the equipment. An
14 explanation of each determination, including the
15 basis for the determination and the alternatives con-
16 sidered, shall be included in the relevant quarterly
17 report required under paragraph (5).

18 (4) TREATMENT AS DEPARTMENT OF DEFENSE
19 STOCKS.—Equipment accepted under the authority
20 provided by paragraph (1) may be treated as stocks
21 of the Department of Defense upon notification to
22 the congressional defense committees of such treat-
23 ment.

24 (5) QUARTERLY REPORTS ON EQUIPMENT DIS-
25 POSITION.—Not later than 90 days after the date of

1 the enactment of this Act and every 90-day period
2 thereafter during which the authority provided by
3 paragraph (1) is exercised, the Secretary of Defense
4 shall submit to the congressional defense committees
5 a report describing the equipment accepted under
6 this subsection, section 1531(d) of the National De-
7 fense Authorization Act for Fiscal Year 2014 (Pub-
8 lic Law 113–66; 127 Stat. 938; 10 U.S.C. 2302
9 note), section 1532(b) of the Carl Levin and Howard
10 P. “Buck” McKeon National Defense Authorization
11 Act for Fiscal Year 2015 (Public Law 113–291; 128
12 Stat. 3612), section 1531(b) of the National Defense
13 Authorization Act for Fiscal Year 2016 (Public Law
14 114–92; 129 Stat. 1088), and section 1521(b) of the
15 National Defense Authorization Act for Fiscal Year
16 2017 (Public Law 114–328) during the period cov-
17 ered by the report. Each report shall include a list
18 of all equipment that was accepted during the period
19 covered by the report and treated as stocks of the
20 Department and copies of the determinations made
21 under paragraph (2), as required by paragraph (3).

22 (c) ALLOCATION OF FUNDS.—

23 (1) IN GENERAL.—Of the funds available to the
24 Department of Defense for the Afghan Security

1 Forces Fund for fiscal year 2018, it is the goal that
2 \$41,000,000 shall be used for—

3 (A) the recruitment, integration, retention,
4 training, and treatment of women in the Af-
5 ghan National Security Forces; and

6 (B) the recruitment, training, and con-
7 tracting of female security personnel for future
8 elections.

9 (2) TYPES OF PROGRAMS AND ACTIVITIES.—

10 Such programs and activities may include—

11 (A) efforts to recruit women into the Af-
12 ghan National Security Forces, including the
13 special operations forces;

14 (B) programs and activities of the Afghan
15 Ministry of Defense Directorate of Human
16 Rights and Gender Integration and the Afghan
17 Ministry of Interior Office of Human Rights,
18 Gender and Child Rights;

19 (C) development and dissemination of gen-
20 der and human rights educational and training
21 materials and programs within the Afghan Min-
22 istry of Defense and the Afghan Ministry of In-
23 terior;

1 (D) efforts to address harassment and vio-
2 lence against women within the Afghan Na-
3 tional Security Forces;

4 (E) improvements to infrastructure that
5 address the requirements of women serving in
6 the Afghan National Security Forces, including
7 appropriate equipment for female security and
8 police forces, and transportation for police-
9 women to their station;

10 (F) support for Afghanistan National Po-
11 lice Family Response Units; and

12 (G) security provisions for high-profile fe-
13 male police and army officers.

14 (d) ASSESSMENT OF AFGHANISTAN PROGRESS ON
15 SECURITY OBJECTIVES.—

16 (1) ASSESSMENT REQUIRED.—Not later than
17 June 1, 2018, the Secretary of Defense, in consulta-
18 tion with the Secretary of State, shall submit to the
19 Committee on Armed Services and the Committee on
20 Foreign Affairs of the House of Representatives and
21 the Committee on Armed Services and the Com-
22 mittee on Foreign Relations of the Senate an assess-
23 ment describing the progress of the government of
24 the Islamic Republic of Afghanistan toward meeting
25 shared security objectives. In conducting such as-

1 assessment the Secretary shall consider each of the fol-
2 lowing:

3 (A) The extent to which the government of
4 Afghanistan has taken steps toward increased
5 accountability and reducing corruption within
6 the Ministries of Defense and Interior.

7 (B) The extent to which the capability and
8 capacity of the Afghan National Defense and
9 Security Forces have improved as a result of
10 Afghan Security Forces Fund investment, in-
11 cluding through training.

12 (C) The extent to which the Afghan Na-
13 tional Defense and Security Forces have been
14 able to increase pressure on the Taliban, al-
15 Qaeda, the Haqqani network, and other ter-
16 rorist organizations, including by re-taking ter-
17 ritory, defending territory, and disrupting at-
18 tacks.

19 (D) Whether or not the government of Af-
20 ghanistan is ensuring that supplies, equipment,
21 and weaponry supplied by the United States are
22 appropriately distributed to security forces
23 charged with fighting the Taliban and other
24 terrorist organizations.

1 (E) Such other factors as the Secretaries
2 consider appropriate.

3 (2) WITHHOLDING OF ASSISTANCE FOR INSUF-
4 FICIENT PROGRESS.—

5 (A) IN GENERAL.—If the Secretary of De-
6 fense, in consultation with the Secretary of
7 State, determines pursuant to the assessment
8 under paragraph (1) that the government of Af-
9 ghanistan has made insufficient progress, the
10 Secretary of Defense may withhold assistance
11 for the Afghan National Defense and Security
12 Forces until such time as the Secretary deter-
13 mines sufficient progress has been made.

14 (B) NOTICE TO CONGRESS.—If the Sec-
15 retary of Defense withholds assistance under
16 subparagraph (A), the Secretary, in consulta-
17 tion with the Secretary of State, shall provide
18 notice to Congress not later than 30 days after
19 making the decision to withhold such assist-
20 ance.

1 **SEC. 1615.[Log 65205] EVOLVED EXPENDABLE LAUNCH VE-**
2 **HICLE MODERNIZATION AND SUSTAINMENT**
3 **OF ASSURED ACCESS TO SPACE.**

4 (a) DEVELOPMENT.—

5 (1) EVOLVED EXPENDABLE LAUNCH VEHI-
6 CLE.—Using funds described in paragraph (3), the
7 Secretary of Defense may only obligate or expend
8 funds to carry out the evolved expendable launch ve-
9 hicle program to—

10 (A) develop a domestic rocket propulsion
11 system to replace non-allied space launch en-
12 gines;

13 (B) develop the necessary interfaces to, or
14 integration of, such domestic rocket propulsion
15 system with an existing or new launch vehicle;

16 (C) develop capabilities necessary to enable
17 commercially available space launch vehicles or
18 infrastructure to meet any requirements that
19 are unique to national security space missions
20 to meet the assured access to space require-
21 ments pursuant to section 2273 of title 10,
22 United States Code, with respect to only—

23 (i) modifications to such vehicles re-
24 quired for national security space missions,
25 including—

1 (I) certification and compliance
2 of such vehicles for use in national se-
3 curity space missions;

4 (II) fairings necessary for the
5 launch of national security space pay-
6 loads to orbit; and

7 (III) other upgrades to meet per-
8 formance, reliability, and orbital re-
9 quirements that cannot otherwise be
10 met through the use of commercially
11 available launch vehicles; and

12 (ii) the development of infrastructure
13 unique to national security space missions,
14 such as infrastructure for the use of heavy
15 launch vehicles, including—

16 (I) facilities and equipment for
17 the vertical integration of payloads;

18 (II) secure facilities for the proc-
19 essing of classified payloads; and

20 (III) other facilities and equip-
21 ment, including ground systems and
22 expanded capabilities, unique to na-
23 tional security space launches and the
24 launch of national security payloads;

1 (D) conduct activities to modernize and
2 improve existing certified launch vehicles, or ex-
3 isting launch vehicles previously contracted for
4 use by the Air Force, including restarting a
5 dormant supply chain, and infrastructure to in-
6 crease the cost effectiveness of the launch sys-
7 tem; or

8 (E) certify new, modified, or existing
9 launch vehicle systems.

10 (2) PROHIBITION.—Except as provided in this
11 section, none of the funds described in paragraph
12 (3) shall be obligated or expended for the evolved ex-
13 pendable launch vehicle program, including the de-
14 velopment of new launch vehicles under such pro-
15 gram.

16 (3) FUNDS DESCRIBED.—The funds described
17 in this paragraph are the funds authorized to be ap-
18 propriated by this Act or otherwise made available
19 for fiscal year 2018 for research, development, test,
20 and evaluation, Air Force, for the evolved expend-
21 able launch vehicle program.

22 (b) OTHER AUTHORITIES.—Nothing in this section
23 shall affect or prohibit the Secretary from procuring
24 launch services of evolved expendable launch vehicle
25 launch systems, including with respect to any associated

1 operation and maintenance of capabilities and infrastruc-
2 ture relating to such systems.

3 (c) NOTIFICATION.—Not later than 30 days before
4 any date on which the Secretary publishes a draft or final
5 request for proposals, or obligates funds, for the develop-
6 ment under subsection (a)(1), the Secretary shall notify
7 the congressional defense committees of such proposed
8 draft or final request for proposals or proposed obligation,
9 as the case may be. If such proposed draft or final request
10 for proposals or proposed obligation relates to intelligence
11 requirements, the Secretary shall also notify the Perma-
12 nent Select Committee on Intelligence of the House of
13 Representatives and the Select Committee on Intelligence
14 of the Senate.

15 (d) ASSESSMENT.—Not later than 120 days after the
16 date of the enactment of this Act, the Secretary, in coordi-
17 nation with the Director of Cost Assessment and Program
18 Evaluation, shall submit to the congressional defense com-
19 mittees, the Permanent Select Committee on Intelligence
20 of the House of Representatives, and the Select Committee
21 on Intelligence of the Senate a report containing an as-
22 sessment of the most cost-effective method to meet the as-
23 sured access to space requirements pursuant to section
24 2273 of title 10, United States Code, with respect to each
25 of the following periods:

1 (1) The five-year period beginning on the date
2 of the report.

3 (2) The 10-year period beginning on the date of
4 the report.

5 (3) The period consisting of the full lifecycle of
6 the evolved expendable launch vehicle program.

7 (e) ROCKET PROPULSION SYSTEM DEFINED.—In
8 this section, the term “rocket propulsion system” means,
9 with respect to the development authorized by subsection
10 (a)(1), a main booster, first-stage rocket engine (including
11 such an engine using kerosene or methane-based or other
12 propellant) or motor. The term does not include a launch
13 vehicle, an upper stage, a strap-on motor, or related infra-
14 structure.

1 **SEC. 1617.[Log 65200] DEMONSTRATION OF BACKUP AND**
2 **COMPLEMENTARY POSITIONING, NAVIGA-**
3 **TION, AND TIMING CAPABILITIES OF GLOBAL**
4 **POSITIONING SYSTEM.**

5 (a) PLAN.—During fiscal year 2018, the Secretary
6 of Defense, the Secretary of Transportation, and the Sec-
7 retary of Homeland Security (referred to in this section
8 as the “Secretaries”) shall jointly develop a plan for car-
9 rying out a backup GPS capability demonstration. The
10 plan shall—

11 (1) be based on the results of the study con-
12 ducted under section 1618 of the National Defense
13 Authorization Act for Fiscal Year 2017 (Public Law
14 114–328; 130 Stat. 2595); and

15 (2) include the activities that the Secretaries
16 determine necessary to carry out such demonstra-
17 tion.

18 (b) BRIEFING.—Not later than 120 days after the
19 date of the enactment of this Act, the Secretaries shall
20 provide to the appropriate congressional committees a
21 briefing on the plan developed under subsection (a). The
22 briefing shall include—

23 (1) identification of the sectors that would be
24 expected to participate in the backup GPS capability
25 demonstration described in the plan;

1 (2) an estimate of the costs of implementing the
2 demonstration in each sector identified in paragraph
3 (1); and

4 (3) an explanation of the extent to which the
5 demonstration may be carried out with the funds ap-
6 propriated for such purpose.

7 (c) IMPLEMENTATION.—

8 (1) IN GENERAL.—Subject to the availability of
9 appropriations and beginning not earlier than the
10 day after the date on which the briefing is provided
11 under subsection (b), the Secretaries shall jointly
12 initiate the backup GPS capability demonstration to
13 the extent described under subsection (b)(3).

14 (2) TERMINATION.—The authority to carry out
15 the backup GPS capability demonstration under
16 paragraph (1) shall terminate on the date that is 18
17 months after the date of the enactment of this Act.

18 (d) REPORT.—Not later than 18 months after the
19 date of the enactment of this Act, the Secretaries shall
20 submit to the appropriate congressional committees a re-
21 port on the backup GPS capability demonstration carried
22 out under subsection (c) that includes—

23 (1) a description of the opportunities and chal-
24 lenges learned from such demonstration; and

1 (2) a description of the next actions the Secre-
2 taries determine appropriate to backup and com-
3 plement the positioning, navigation, and timing ca-
4 pabilities of the Global Positioning System for na-
5 tional security and critical infrastructure, including,
6 at a minimum, the timeline and funding required to
7 issue a request for proposals for such capabilities.

8 (e) AUTHORIZATION OF APPROPRIATIONS.—There is
9 authorized to be appropriated to carry out this section for
10 fiscal year 2018 not more than \$10,000,000 for the De-
11 partment of Defense, as specified in the funding tables
12 in division D.

13 (f) DEFINITIONS.—In this section:

14 (1) The term “appropriate congressional com-
15 mittees” means—

16 (A) the congressional defense committees;

17 (B) the Committee on Science, Space, and
18 Technology, the Committee on Transportation
19 and Infrastructure, and the Committee on
20 Homeland Security of the House of Representa-
21 tives; and

22 (C) the Committee on Commerce, Science,
23 and Transportation and the Committee on
24 Homeland Security and Governmental Affairs
25 of the Senate.

1 (2) The term “backup GPS capability dem-
2 onstration” means a proof-of-concept demonstration
3 of capabilities to backup and complement the posi-
4 tioning, navigation, and timing capabilities of the
5 Global Positioning System for national security and
6 critical infrastructure.

1 **SEC. 1618.[Log 65701] ENHANCEMENT OF POSITIONING,**
2 **NAVIGATION, AND TIMING CAPACITY.**

3 (a) PLAN.—The Secretary of Defense shall develop
4 and implement a plan to increase the positioning, naviga-
5 tion, and timing capacity of the Department of Defense
6 to provide resilience to the positioning, navigation, and
7 timing capabilities of the Department. Such plan shall—

8 (1) ensure that military Global Positioning Sys-
9 tem user equipment terminals have the capability to
10 receive signals from the Galileo satellites of the Eu-
11 ropean Union and the QZSS satellites of Japan, be-
12 ginning with increment 2 of the acquisition of such
13 terminals;

14 (2) include an assessment of the feasibility,
15 benefits, and risks of military Global Positioning
16 System user equipment terminals having the capa-
17 bility to receive foreign positioning, navigation, and
18 timing signals (with respect to such signals de-
19 scribed in the classified annex accompanying this
20 Act), beginning with increment 2 of the acquisition
21 of such terminals;

22 (3) include an assessment of options to use
23 hosted payloads to provide redundancy for the Glob-
24 al Positioning System signal;

1 (4) ensure that the Secretary, with the concur-
2 rence of the Secretary of State, engages with rel-
3 evant allies of the United States to—

4 (A) enable military Global Positioning Sys-
5 tem user equipment terminals to receive the po-
6 sitioning, navigation, and timing signals of such
7 allies; and

8 (B) negotiate other potential agreements
9 relating to the enhancement of positioning,
10 navigation, and timing;

11 (5) include any other options the Secretary of
12 Defense determines appropriate; and

13 (6) include an evaluation by the Director of Na-
14 tional Intelligence of the benefits and risks, if any,
15 of using foreign positioning, navigation, and timing
16 signals.

17 (b) SUBMISSION.—Not later than 180 days after the
18 date of the enactment of this Act, the Secretary shall—

19 (1) submit to the congressional defense commit-
20 tees, the Committee on Foreign Affairs of the House
21 of Representatives, and the Committee on Foreign
22 Relations of the Senate the plan under subsection
23 (a); and

24 (2) submit to the Permanent Select Committee
25 on Intelligence of the House of Representatives and

1 the Select Committee on Intelligence of the Senate
2 the evaluation described in paragraph (6) of such
3 subsection.

1 **SEC. 1620.[Log 65212] REPORT ON OPERATIONAL AND CON-**
2 **TINGENCY PLANS FOR LOSS OR DEGRADA-**
3 **TION OF SPACE CAPABILITIES.**

4 (a) REPORT.—Not later than 180 days after the date
5 of the enactment of this Act, the Secretary of Defense and
6 the Chairman of the Joint Chiefs of Staff, in coordination
7 with each commander of a combatant command, shall
8 jointly submit to the appropriate congressional committees
9 a report evaluating all operational and contingency plans
10 to assess the implications for mission performance in the
11 event of a loss or degradation of space capabilities of the
12 United States (including with respect to space control) ei-
13 ther through the loss or degradation of on-orbit assets or
14 through the disabling of ground components.

15 (b) MATTERS INCLUDED.—The report under sub-
16 section (a) shall address and describe the extent to which
17 the operational and contingency plans described in such
18 subsection—

19 (1) depend upon space capabilities to achieve
20 successful execution;

21 (2) account for the loss or degradation of space
22 capabilities;

23 (3) appropriately reflect intelligence concerning
24 current and projected adversary counter-space capa-
25 bilities and vulnerabilities of the space systems of
26 the United States;

1 (4) include measures to mitigate any loss or
2 degradation of space capabilities;

3 (5) include specific guidance for the short- and
4 long-term loss or disruption of space capabilities;

5 (6) include specific guidance for the period in
6 which there is a total loss of space capabilities before
7 replacement assets are able to be brought online and
8 operational; and

9 (7) assess the extent to which adversaries rely
10 on space, including the potential effects of a short
11 or long term loss of, or disruption to, the space ca-
12 pabilities of such adversaries.

13 (c) DEFINITIONS.—In this section:

14 (1) The term “appropriate congressional com-
15 mittees” means the following:

16 (A) With respect to the full report under
17 subsection (a), the Committees on Armed Serv-
18 ices of the House of Representatives and the
19 Senate.

20 (B) With respect to the matters in the re-
21 port described in subsection (b)(3), and for any
22 other matters in the report relating to the limi-
23 tations, impacts, and vulnerabilities of the capa-
24 bilities and systems of the intelligence commu-
25 nity, the Permanent Select Committee on Intel-

1 ligence of the House of Representatives and the
2 Select Committee on Intelligence of the Senate.

3 (2) The term “intelligence community” has the
4 meaning given that term in section 3(4) of the Na-
5 tional Security Act of 1947 (50 U.S.C. 3003(4)).

1 **Subtitle C—Defense Intelligence**
2 **and Intelligence-Related Activities**

3 **SEC. 1631.[Log 65669] SECURITY CLEARANCES FOR FACILI-**
4 **TIES OF CERTAIN CONTRACTORS.**

5 (a) IN GENERAL.—Chapter 141 of title 10, United
6 States Code, is amended by adding at the end the fol-
7 lowing new section:

8 **“§ 2410s. Security clearances for facilities of certain**
9 **contractors.**

10 “If the senior management official of a contractor of
11 the Department of Defense does not have a security clear-
12 ance, the Secretary of Defense may grant a security clear-
13 ance to a facility of such contractor only if the following
14 criteria are met:

15 “(1) The contractor has appointed a senior offi-
16 cer, director, or employee of the contractor who has
17 a security clearance at the level of the security clear-
18 ance of the facility to act as the senior management
19 official of the contractor with respect to such facil-
20 ity.

21 “(2) Any senior management official, senior of-
22 ficer, or director of the contractor who does not have
23 such a security clearance will not have access to any
24 classified information, including with respect to such
25 facility.

1 “(3) The contractor has certified to the Sec-
2 retary that the senior officer, director, or employee
3 appointed under paragraph (1) has the authority to
4 act on behalf of the contractor with respect to such
5 facility independent of any senior management offi-
6 cial, senior officer, or director described in para-
7 graph (2).

8 “(4) The facility meets all of the requirements
9 to be granted a security clearance other than any re-
10 quirement relating to the senior management official
11 of the contractor having an appropriate security
12 clearance.”.

13 (b) CLERICAL AMENDMENT.—The table of sections
14 at the beginning of such chapter is amended by adding
15 at the end the following new item:

“2410s. Security clearances for facilities of certain contractors”.

1 **SEC. 1635.[Log 64987] REVIEW OF SUPPORT PROVIDED BY**
2 **DEFENSE INTELLIGENCE ELEMENTS TO AC-**
3 **QUISITION ACTIVITIES OF THE DEPARTMENT.**

4 (a) REVIEW.—The Secretary of Defense shall review
5 the support provided by Defense intelligence elements to
6 the acquisition activities conducted by the Secretary, with
7 a specific focus on such support—

8 (1) consisting of planning, prioritizing, and
9 resourcing relating to developmental weapon sys-
10 tems; and

11 (2) for existing weapon systems throughout the
12 program lifecycle of such systems.

13 (b) BUDGET STRUCTURE.—The Secretary shall de-
14 velop a specific budget structure for a sustainable funding
15 profile to ensure the support provided by Defense intel-
16 ligence elements described in subsection (a). The Sec-
17 retary shall implement such structure beginning with the
18 defense budget materials for fiscal year 2020.

19 (c) BRIEFING.—Not later than May 1, 2018, the Sec-
20 retary of Defense shall provide to the appropriate congres-
21 sional committees a briefing on the results of the review
22 under subsection (a) and a plan to carry out subsection
23 (b).

24 (d) DEFINITIONS.—In this section:

25 (1) The term “appropriate congressional com-
26 mittees” means—

1 (A) the congressional defense committees;
2 and

3 (B) the Permanent Select Committee on
4 Intelligence of the House of Representatives
5 and the Select Committee on Intelligence of the
6 Senate.

7 (2) The term “defense budget materials” has
8 the meaning given that term in section 231(f) of
9 title 10, United States Code.

10 (3) The term “Defense intelligence element”
11 means any of the agencies, offices, and elements of
12 the Department of Defense included within the defi-
13 nition of “intelligence community” under section
14 3(4) of the National Security Act of 1947 (50
15 U.S.C. 3003(4)).

1 **SEC. 1636.[Log 64980] LIMITATION ON AVAILABILITY OF**
2 **FUNDS FOR CERTAIN OFFENSIVE COUNTER-**
3 **INTELLIGENCE ACTIVITIES.**

4 (a) LIMITATION ON OFFENSIVE COUNTERINTEL-
5 LIGENCE ACTIVITIES.—

6 (1) IN GENERAL.—Of the funds described in
7 paragraph (2), not more than 75 percent may be ob-
8 ligated or expended until—

9 (A) the Secretary of Defense submits to
10 the appropriate congressional committees the
11 report under subsection (b);

12 (B) the Director of the Defense Intel-
13 ligence Agency submits to such committees the
14 report under subsection (c); and

15 (C) the Director and the Under Secretary
16 of Defense for Intelligence jointly provide to
17 such committees the briefing under subsection
18 (d).

19 (2) FUNDS DESCRIBED.—The funds described
20 in this paragraph are the following:

21 (A) Funds authorized to be appropriated
22 by this Act or otherwise made available for fis-
23 cal year 2018 under the General Defense Intel-
24 ligence Program for any operations and mainte-
25 nance account for offensive counterintelligence
26 activities.

1 (B) Funds authorized to be appropriated
2 by this Act or otherwise made available for fis-
3 cal year 2018 under the Military Intelligence
4 Program for any operations and maintenance
5 account for offensive counterintelligence activi-
6 ties.

7 (b) REPORT ON OVERSIGHT PROCESSES.—Not later
8 than March 1, 2018, the Secretary of Defense shall submit
9 to the appropriate congressional committees a report certi-
10 fying that each Defense intelligence element with offensive
11 counterintelligence authorities has the appropriate over-
12 sight processes necessary to ensure compliance with the
13 regulations of the Department of Defense.

14 (c) REPORT ON CERTAIN RESOURCES.—Not later
15 than March 1, 2018, the Director of the Defense Intel-
16 ligence Agency shall submit to the appropriate congres-
17 sional committees a report that includes an accounting of
18 the counterintelligence enterprise management resources
19 transferred from the Counterintelligence Field Activity to
20 the Defense Intelligence Agency that identifies such re-
21 sources that are no longer dedicated to counterintelligence
22 activities, as of the date of the report.

23 (d) BRIEFING ON FUNCTIONAL MANAGEMENT.—Not
24 later than March 1, 2018, the Director and the Under
25 Secretary of Defense for Intelligence shall jointly provide

1 to the appropriate congressional committees a briefing on
2 how the Director and the Under Secretary plan to improve
3 the functional management of offensive counterintelligence
4 activities.

5 (e) DEFINITIONS.—In this section:

6 (1) The term “appropriate congressional com-
7 mittees” means—

8 (A) the congressional defense committees;
9 and

10 (B) the Permanent Select Committee on
11 Intelligence of the House of Representatives
12 and the Select Committee on Intelligence of the
13 Senate.

14 (2) The term “Defense intelligence element”
15 means any of the Department of Defense agencies,
16 offices, and elements included within the definition
17 of “intelligence community” under section 3(4) of
18 the National Security Act of 1947 (50 U.S.C.
19 3003(4)).

1 **SEC. 1637.[Log 65906] PROHIBITION ON AVAILABILITY OF**
2 **FUNDS FOR CERTAIN RELOCATION ACTIVI-**
3 **TIES FOR NATO INTELLIGENCE FUSION CEN-**
4 **TER.**

5 None of the funds authorized to be appropriated by
6 this Act or otherwise made available for fiscal year 2018
7 for operation and maintenance may be obligated or ex-
8 pended for the procurement of fit-out supplies and equip-
9 ment to support the relocation of the NATO Intelligence
10 Fusion Center from Royal Air Force Molesworth, United
11 Kingdom, to Royal Air Force Croughton, United King-
12 dom.

1 **SEC. 1638.[Log 65840]. ESTABLISHMENT OF CHAIRMAN'S**
2 **CONTROLLED ACTIVITY WITHIN JOINT STAFF**
3 **FOR INTELLIGENCE, SURVEILLANCE, AND**
4 **RECONNAISSANCE.**

5 (a) CHAIRMAN'S CONTROLLED ACTIVITY.—The
6 Chairman of the Joint Chiefs of Staff shall—

7 (1) undertake the roles, missions, and respon-
8 sibilities of, and an equal or greater number of per-
9 sonnel billets than the amount of such billets pre-
10 viously prescribed for the Joint Functional Compo-
11 nent Command for Intelligence, Surveillance, and
12 Reconnaissance of United States Strategic Com-
13 mand; and

14 (2) not later than 30 days after the date of the
15 enactment of this Act, establish an organization
16 within the Joint Staff—

17 (A) that is designated as a chairman's con-
18 trolled activity;

19 (B) for which the Chairman of the Joint
20 Chiefs of Staff shall serve as the joint func-
21 tional manager; and

22 (C) which shall synchronize cross-combat-
23 ant command intelligence, surveillance, and re-
24 connaissance plans and develop strategies inte-
25 grating all joint service-provided and allied in-
26 telligence, surveillance, and reconnaissance ca-

1 pabilities to satisfy combatant command intel-
2 ligence needs for the Department of Defense.

3 (b) EXECUTIVE AGENT.—The Secretary of Defense
4 shall designate the Secretary of the Air Force as the exec-
5 utive agent and sponsor for funding for the organization
6 established under subsection (a)(2).

1 **SEC. 1653.**[Log 65395] **ESTABLISHMENT OF NUCLEAR COM-**
2 **MAND AND CONTROL INTELLIGENCE FUSION**
3 **CENTER.**

4 (a) ESTABLISHMENT.—Not later than 180 days after
5 the date of the enactment of this Act, the Secretary of
6 Defense and the Director of National Intelligence shall
7 jointly establish an intelligence fusion center to enhance
8 the protection of nuclear command, control, and commu-
9 nications programs, systems, and processes and continuity
10 of government programs, systems, and processes.

11 (b) CHARTER.—In establishing the fusion center
12 under subsection (a), the Secretary and the Director shall
13 develop a charter for the fusion center that includes the
14 following:

15 (1) To carry out the duties of the fusion center,
16 a description of—

17 (A) the roles and responsibilities of offi-
18 cials and elements of the Federal Government,
19 including a detailed description of the organiza-
20 tional relationships of such officials and the ele-
21 ments of the Federal Government that are key
22 stakeholders;

23 (B) the organization reporting chain of the
24 fusion center;

25 (C) the staffing of the fusion center;

26 (D) the processes of the fusion center; and

1 (E) how the fusion center integrates with
2 other elements of the Federal Government;

3 (2) The management and administration proc-
4 esses required to carry out the fusion center, includ-
5 ing with respect to facilities and security authorities.

6 (3) Procedures to ensure that the appropriate
7 number of staff of the fusion center have the secu-
8 rity clearance necessary to access information on the
9 programs, systems, and processes that relate, either
10 wholly or substantially, to nuclear command, control,
11 and communications or continuity of government, in-
12 cluding with respect to both the programs, systems,
13 and processes that are designated as special access
14 programs (as described in section 4.3 of Executive
15 Order 13526 (50 U.S.C. 3161 note) or any suc-
16 cessor Executive order) and the programs, systems,
17 and processes that contain sensitive compartmented
18 information.

19 (c) COORDINATION.—In establishing the fusion cen-
20 ter under subsection (a), the Secretary and the Director
21 shall coordinate with the elements of the Federal Govern-
22 ment that the Secretary and Director determine appro-
23 priate.

24 (d) REPORTS.—

1 (1) INITIAL REPORT.—Not later than 120 days
2 after the date of the enactment of this Act, the Sec-
3 retary and the Director shall jointly submit to the
4 appropriate congressional committees a report con-
5 taining—

6 (A) the charter for the fusion center devel-
7 oped under subsection (b); and

8 (B) a plan on the budget and staffing of
9 the fusion center.

10 (2) ANNUAL REPORTS.—At the same time as
11 the President submits to Congress the annual budg-
12 et request under section 1105 of title 31, United
13 States Code, for fiscal year 2019 and each fiscal
14 year thereafter, the Secretary and the Director shall
15 submit to the appropriate congressional committees
16 a report on the fusion center, including, with respect
17 to the period covered by the report—

18 (A) any updates to the plan on the budget
19 and staffing of the fusion center;

20 (B) any updates to the charter developed
21 under subsection (b); and

22 (C) a summary of the activities and accom-
23 plishments of the fusion center.

24 (3) SUNSET.—No report is required under this
25 subsection after December 31, 2021.

1 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
2 FINED.—In this section, the term “appropriate congres-
3 sional committees” means—

- 4 (1) the congressional defense committees; and
5 (2) the Permanent Select Committee on Intel-
6 ligence of the House of Representatives and the Se-
7 lect Committee on Intelligence of the Senate.

1 **SEC. 1675.[Log 65400] DEFENSE OF HAWAII FROM NORTH**
2 **KOREAN BALLISTIC MISSILE ATTACK.**

3 (a) FINDINGS; SENSE OF CONGRESS.—

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

5 (A) The North Korean ballistic missile
6 threat to the United States, including Hawaii,
7 is growing rapidly.

8 (B) Since Kim Jong-un took power in
9 2012, North Korea has conducted 78 ballistic
10 missile tests, of which 61 are considered to have
11 been successful.

12 (C) The existing ballistic missile defense
13 protection for Hawaii, including the ground-
14 based midcourse defense system in Alaska, and
15 the sea-based x-band radar, provide limited bal-
16 listic missile defense capabilities today.

17 (D) Through use of existing ballistic mis-
18 sile defense assets, including AN/TPY-2 radars
19 and the Aegis Ashore Site located on the Pa-
20 cific Missile Range Facility, the ballistic missile
21 defense of Hawaii could benefit from a near-
22 term improvement by adding a layer of defense.

23 (E) The proposed program of record for a
24 medium range discriminating radar to be fully
25 mission capable after 2023 would leave the de-
26 fense of Hawaii dependent only on the ground-

1 based midcourse defense system in Alaska, and
2 the sea-based x-band radar until that time,
3 while the threat to the United States, including
4 Hawaii, from North Korean ballistic missiles
5 continues to grow.

6 (F) The National Defense Authorization
7 Act for Fiscal Year 2017 (Public Law 114–
8 328) required that the Missile Defense Agency
9 plan to provide additional ballistic missile de-
10 fense sensor coverage for the defense of Hawaii
11 and “field such radar or equivalent sensor by
12 not later than December 31, 2021”.

13 (G) When asked at a hearing of the Com-
14 mittee on Armed Services of the House of Rep-
15 resentatives on April 26, 2017, about the threat
16 to Hawaii from North Korean ballistic missiles,
17 the Commander of the United States Pacific
18 Command, Admiral Harry Harris, testified that
19 “Kim Jong-un is clearly in a position to threat-
20 en Hawaii today. . . I believe that our ballistic
21 missile (defense) architecture is sufficient to
22 protect Hawaii today. But it can be over-
23 whelmed” and “I think that we would be better
24 served, my personal opinion, is that we would
25 be better served with a defensive Hawaii radar

1 and interceptors in Hawaii. I know that is
2 being discussed”.

3 (2) SENSE OF CONGRESS.—It is the sense of
4 Congress that Congress supports immediately im-
5 proving the missile defense of Hawaii from the evolv-
6 ing ballistic missile threat, including from North
7 Korea, through the introduction of interim missile
8 defense coverage and a permanent missile defense
9 sensor capability.

10 (b) INTERIM CAPABILITY.—To the extent prac-
11 ticable, the Secretary of Defense shall ensure that existing
12 ballistic missile defense assets are used to provide addi-
13 tional, interim but increasingly capable, ballistic missile
14 defense capability for Hawaii—

15 (1) in accordance with this section; and

16 (2) through the development of operational and
17 employment concepts of operation that would protect
18 the test and training operations of the Pacific Mis-
19 sile Range Facility.

20 (c) FUNDING.—Subject to the limitations in sub-
21 section (d), of the funds authorized to be appropriated by
22 this Act or otherwise made available for fiscal year 2018
23 for research, development, test, and evaluation, Defense-
24 wide, for discrimination radar for homeland defense (PE

1 0603884C, Budget Project MD41), \$42,000,000 may be
2 obligated or expended to carry out subsection (b).

3 (d) LIMITATIONS.—

4 (1) LIMITATION PENDING CERTIFICATION AND
5 PLAN.—None of the funds described in subsection
6 (c) may be obligated or expended to issue a request
7 for proposals under subsection (b) or to enter into
8 any contract under such subsection until the Com-
9 mander of the United States Pacific Command and
10 the Director of the Missile Defense Agency jointly
11 submit to the congressional defense committees—

12 (A) a certification that describes the extent
13 to which existing ballistic missile defense assets
14 may be used to provide near-term, additional
15 ballistic missile defense capability for Hawaii;
16 and

17 (B) a plan for using such assets to provide
18 such capability for Hawaii at the earliest pos-
19 sible date.

20 (2) LIMITATION PENDING DEMONSTRATION OF
21 CAPABILITIES.—Of the funds described in subsection
22 (c), not more than 90 percent may be obligated or
23 expended until—

1 (A) the Director of the Missile Defense
2 Agency certifies to the congressional defense
3 committees that the Director—

4 (i) has conducted testing to evaluate
5 and demonstrate, if technologically fea-
6 sible, the capability to defeat a simple
7 intercontinental ballistic missile threat
8 using the standard missile 3 block IIA mis-
9 sile interceptor; and

10 (ii) as part of the integrated master
11 test plan for the ballistic missile defense
12 system, is planning to demonstrate a capa-
13 bility to defeat a complex intercontinental
14 ballistic missile threat, including a complex
15 threat posed by the intercontinental bal-
16 listic missiles of North Korea; and

17 (B) the Secretary of Defense submits to
18 the congressional defense committees a report—

19 (i) that indicates whether dem-
20 onstrating an intercontinental ballistic mis-
21 sile defense capability against North Ko-
22 rean ballistic missiles by the standard mis-
23 sile 3 block IIA missile interceptor poses
24 any risks to strategic stability; and

1 (ii) if the Secretary determines under
2 clause (i) that such demonstration poses
3 such risks to strategic stability, a descrip-
4 tion of any plan developed and imple-
5 mented by the Secretary to address and
6 mitigate such risks, as determined appro-
7 priate by the Secretary.

8 (e) EXISTING BALLISTIC MISSILE DEFENSE ASSETS
9 DEFINED.—In this section, the term “existing ballistic
10 missile defense assets” means elements of the ballistic
11 missile defense system included in the most recent future-
12 years defense program submitted to Congress under sec-
13 tion 221 of title 10, United States Code, before the date
14 of the enactment of this Act, including—

- 15 (1) AN/TPY-2 radars;
16 (2) SPY-6 radars; and
17 (3) the Aegis Ashore Site.

1 **SEC. 1677.[Log 65399] IRON DOME SHORT-RANGE ROCKET**
2 **DEFENSE SYSTEM, ISRAELI COOPERATIVE**
3 **MISSILE DEFENSE PROGRAM CODEVELOP-**
4 **MENT AND COPRODUCTION, AND ARROW 3**
5 **TESTING.**

6 (a) IRON DOME SHORT-RANGE ROCKET DEFENSE
7 SYSTEM.—

8 (1) AVAILABILITY OF FUNDS.—Of the funds
9 authorized to be appropriated by this Act or other-
10 wise made available for fiscal year 2018 for procure-
11 ment, Defense-wide, and available for the Missile
12 Defense Agency, not more than \$92,000,000 may be
13 provided to the Government of Israel to procure
14 Tamir interceptors for the Iron Dome short-range
15 rocket defense system through coproduction of such
16 interceptors in the United States by industry of the
17 United States.

18 (2) CONDITIONS.—

19 (A) AGREEMENT.—Funds described in
20 paragraph (1) for the Iron Dome short-range
21 rocket defense program shall be available sub-
22 ject to the terms and conditions in the Agree-
23 ment Between the Department of Defense of
24 the United States of America and the Ministry
25 of Defense of the State of Israel Concerning
26 Iron Dome Defense System Procurement,

1 signed on March 5, 2014, subject to an amend-
2 ed bilateral international agreement for co-
3 production for Tamir interceptors. In negotia-
4 tions by the Missile Defense Agency and the
5 Missile Defense Organization of the Govern-
6 ment of Israel regarding such production, the
7 goal of the United States is to maximize oppor-
8 tunities for coproduction of the Tamir intercep-
9 tors described in paragraph (1) in the United
10 States by industry of the United States.

11 (B) CERTIFICATION.—Not later than 30
12 days prior to the initial obligation of funds de-
13 scribed in paragraph (1), the Director of the
14 Missile Defense Agency and the Under Sec-
15 retary of Defense for Acquisition, Technology,
16 and Logistics shall jointly submit to the appro-
17 priate congressional committees—

18 (i) a certification that the amended bi-
19 lateral international agreement specified in
20 subparagraph (A) is being implemented as
21 provided in such agreement; and

22 (ii) an assessment detailing any risks
23 relating to the implementation of such
24 agreement.

1 (b) ISRAELI COOPERATIVE MISSILE DEFENSE PRO-
2 GRAM CODEVELOPMENT AND COPRODUCTION.—

3 (1) IN GENERAL.—Subject to paragraph (2), of
4 the funds authorized to be appropriated for fiscal
5 year 2018 for procurement, Defense-wide, and avail-
6 able for the Missile Defense Agency—

7 (A) not more than \$221,500,000 may be
8 provided to the Government of Israel to procure
9 the David's Sling Weapon System, including for
10 coproduction of parts and components in the
11 United States by United States industry; and

12 (B) not more than \$287,300,000 may be
13 provided to the Government of Israel for the
14 Arrow 3 Upper Tier Interceptor Program, in-
15 cluding for coproduction of parts and compo-
16 nents in the United States by United States in-
17 dustry.

18 (2) CERTIFICATION.—

19 (A) CRITERIA.—Except as provided by
20 paragraph (3), the Under Secretary of Defense
21 for Acquisition, Technology, and Logistics shall
22 submit to the appropriate congressional com-
23 mittees a certification that—

24 (i) the Government of Israel has dem-
25 onstrated the successful completion of the

1 knowledge points, technical milestones, and
2 production readiness reviews required by
3 the research, development, and technology
4 agreements for the David's Sling Weapon
5 System and the Arrow 3 Upper Tier De-
6 velopment Program, respectively;

7 (ii) funds specified in subparagraphs
8 (A) and (B) of paragraph (1) will be pro-
9 vided on the basis of a one-for-one cash
10 match made by Israel for such respective
11 systems or in another matching amount
12 that otherwise meets best efforts (as mutu-
13 ally agreed to by the United States and
14 Israel);

15 (iii) the United States has entered
16 into a bilateral international agreement
17 with Israel that establishes, with respect to
18 the use of such funds—

19 (I) in accordance with clause (iv),
20 the terms of coproduction of parts
21 and components of such respective
22 systems on the basis of the greatest
23 practicable coproduction of parts,
24 components, and all-up rounds (if ap-
25 propriate) by United States industry

1 and minimizes nonrecurring engineer-
2 ing and facilitization expenses to the
3 costs needed for coproduction;

4 (II) complete transparency on the
5 requirement of Israel for the number
6 of interceptors and batteries of such
7 respective systems that will be pro-
8 cured, including with respect to the
9 procurement plans, acquisition strat-
10 egy, and funding profiles of Israel;

11 (III) technical milestones for co-
12 production of parts and components
13 and procurement of such respective
14 systems; and

15 (IV) joint approval processes for
16 third-party sales of such respective
17 systems and the components of such
18 respective systems;

19 (iv) the level of coproduction described
20 in clause (iii)(I) for the Arrow 3 Upper
21 Tier Interceptor Program and the David's
22 Sling Weapon System is not less than 50
23 percent; and

24 (v) there is a separate, clear plan for
25 each of the David's Sling Weapon System

1 and the Arrow 3 Upper Tier Interceptor
2 Program for improving the affordability of
3 the respective system, and each such plan
4 is approved by a United States-Israeli joint
5 working group on cost-reduction for such
6 respective system.

7 (B) NUMBER.—In carrying out subpara-
8 graph (A), the Under Secretary may submit—

9 (i) one certification covering both the
10 David's Sling Weapon System and the
11 Arrow 3 Upper Tier Interceptor Program;

12 or

13 (ii) separate certifications for each re-
14 spective system.

15 (C) TIMING.—The Under Secretary shall
16 submit to the congressional defense committees
17 the certification under subparagraph (A) by not
18 later than 60 days before the funds specified in
19 paragraph (1) for the respective system covered
20 by the certification are provided to the Govern-
21 ment of Israel.

22 (3) WAIVER.—The Under Secretary may waive
23 the certification required by paragraph (2) if the
24 Under Secretary certifies to the appropriate congres-
25 sional committees that the Under Secretary has re-

1 ceived sufficient data from the Government of Israel
2 to demonstrate—

3 (A) the funds specified in subparagraphs
4 (A) and (B) of paragraph (1) are provided to
5 Israel solely for funding the procurement of
6 long-lead components and critical hardware in
7 accordance with a production plan, including a
8 funding profile detailing Israeli contributions
9 for production, including long-lead production,
10 of either David's Sling Weapon System or the
11 Arrow 3 Upper 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 coproduc-
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 (4) BRIEFING.—Not later than 30 days after
24 the date on which both plans described in paragraph
25 (2)(A)(v) are completed, the Under Secretary shall

1 provide to the appropriate congressional committees
2 a joint briefing on such plans.

3 (c) LIMITATION ON AVAILABILITY OF FUNDING FOR
4 CERTAIN ARROW 3 TESTING.—Of the funds authorized
5 to be appropriated by this Act or otherwise made available
6 for fiscal year 2018 for the Missile Defense Agency, not
7 more than \$105,000,000 may be obligated or expended
8 for—

9 (1) testing of the Arrow 3 Upper Tier Develop-
10 ment Program that is carried out at ranges located
11 in the United States; and

12 (2) expenses relating to such testing that the
13 Director determines to be required and appropriate.

14 (d) CROSS REFERENCE.—The amounts and purposes
15 referred to in this section correspond to amounts specified
16 for such purposes in the funding tables in division D.

17 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
18 FINED.—In this section, the term “appropriate congres-
19 sional committees” means the following:

20 (1) The congressional defense committees.

21 (2) The Committee on Foreign Affairs of the
22 House of Representatives and the Committee on
23 Foreign Relations of the Senate.

1 **Subtitle G—Other Matters**

2 **SEC. 1681.[Log 65404] PROTECTION OF CERTAIN FACILITIES**

3 **AND ASSETS FROM UNMANNED AIRCRAFT.**

4 Subparagraph (C) of section 130i(e)(1) of title 10,
5 United States Code, is amended to read as follows:

6 “(C)(i) relates to—

7 “(I) the nuclear deterrence
8 mission of the Department of De-
9 fense, including with respect to
10 nuclear command and control, in-
11 tegrated tactical warning and at-
12 tack assessment, and continuity
13 of government;

14 “(II) the missile defense
15 mission of the Department; or

16 “(III) the national security
17 space mission of the Department;
18 or

19 “(ii) is part of a Major Range
20 and Test Facility Base (as defined in
21 section 196(i) of this title).”.

1 **SEC. 1682.[Log 65770] USE OF COMMERCIAL ITEMS IN DIS-**
2 **TRIBUTED COMMON GROUND SYSTEMS.**

3 (a) IN GENERAL.—Except as provided in subsection
4 (b), the procurement process for each covered Distributed
5 Common Ground System shall be carried out in accord-
6 ance with section 2377 of title 10, United States Code.

7 (b) EXCEPTIONS.—Section 2377 of title 10, United
8 States Code, shall not apply to the procurement of an item
9 or service for a covered Distributed Common Ground Sys-
10 tem if the item or service—

11 (1) is used to integrate the capabilities of the
12 system with another information system, in a case in
13 which such integration is required; or

14 (2) is not available in an existing commercial
15 product.

16 (c) CERTIFICATION.—

17 (1) IN GENERAL.—Not later than 30 days after
18 the date of the enactment of this Act, the Service
19 Acquisition Executive responsible for each covered
20 Distributed Common Ground System shall certify to
21 the appropriate congressional committees that the
22 procurement process for increments of the system
23 procured after the date of the enactment of this Act
24 will be carried out in accordance with section 2377
25 of title 10, United States Code.

26 (d) DEFINITIONS.—In this section:

1 (1) APPROPRIATE CONGRESSIONAL COMMIT-
2 TEES DEFINED.—The term “appropriate congress-
3 sional committees” means—

4 (A) the congressional defense committees;
5 and

6 (B) the Select Committee on Intelligence
7 of the Senate and the Permanent Select Com-
8 mittee on Intelligence of the House of Rep-
9 resentatives.

10 (2) COVERED DCGS SYSTEM.—The term “cov-
11 ered Distributed Common Ground System” includes
12 the following:

13 (A) The Distributed Common Ground Sys-
14 tem of the Army.

15 (B) The Distributed Common Ground Sys-
16 tem of the Navy.

17 (C) The Distributed Common Ground Sys-
18 tem of the Marine Corps.

19 (D) The Distributed Common Ground Sys-
20 tem of the Air Force.

21 (E) The Distributed Common Ground Sys-
22 tem of the Special Operations Forces.

1 **SEC. 1683.[Log 65717] INDEPENDENT ASSESSMENT OF**
2 **COSTS RELATING TO AMMONIUM PER-**
3 **CHLORATE.**

4 (a) ASSESSMENT.—Not later than 30 days after the
5 date of the enactment of this Act, the Secretary of Defense
6 shall seek to enter into a contract with a federally funded
7 research and development center to conduct an assessment
8 of the costs to the Department of Defense relating to con-
9 tractors and subcontractors of the Department using a
10 new supplier of ammonium perchlorate for weapon sys-
11 tems.

12 (b) ELEMENTS.—The assessment under subsection
13 (a) shall include the following:

14 (1) For each weapon system that must be re-
15 qualified by reason of the new supplier of ammo-
16 nium perchlorate as described in subsection (a), an
17 estimate of the requalification costs.

18 (2) The types and number of tests that are
19 needed for any such requalification, including wheth-
20 er any currently planned tests, as of the date of the
21 assessment, may be leveraged, or testing across pro-
22 grams may be used, to decrease requalification costs
23 while retaining and ensuring qualification standards.

24 (3) Estimates of any other costs relating to am-
25 monium perchlorate that the Secretary determines
26 appropriate.

1 (c) SUBMISSION.—Not later than 120 days after the
2 date of the enactment of this Act, the Secretary shall sub-
3 mit to the congressional defense committees the assess-
4 ment under subsection (a), without change, together with
5 any comments or views of the Secretary regarding the as-
6 sessment.

1 **SEC. 1684.[Log 64929] INDUSTRIAL BASE FOR LARGE SOLID**
2 **ROCKET MOTORS AND RELATED TECH-**
3 **NOLOGIES.**

4 (a) PLAN.—The Secretary of Defense, in consultation
5 with the Administrator of the National Aeronautics and
6 Space Administration, shall develop a plan to ensure a ro-
7 bust domestic industrial base for large solid rocket motors,
8 including with respect to the critical technologies, sub-
9 systems, components, and materials within and relating
10 to such rocket motors.

11 (b) SUSTAINMENT OF DOMESTIC SUPPLIERS.—The
12 Secretary shall develop the plan under subsection (a) in
13 a manner that, if carried out, sustains not less than two
14 domestic suppliers for each of the following:

15 (1) Large solid rocket motors.

16 (2) Small liquid-fueled rocket engines.

17 (3) Aeroshells for reentry vehicles (or reentry
18 bodies).

19 (4) Strategic radiation-hardened microelec-
20 tronics.

21 (5) Any other critical technologies, subsystems,
22 components, and materials within and relating to
23 large solid rocket motors that the Secretary deter-
24 mines appropriate.

25 (c) REPORT.—

1 (1) SUBMISSION.—Not later than February 1,
2 2018, the Secretary shall submit to the Committee
3 on Armed Services and the Permanent Select Com-
4 mittee on Intelligence of the House of Representa-
5 tives and the Committee on Armed Services of the
6 Senate a report that includes the plan under sub-
7 section (a).

8 (2) MATTERS INCLUDED.—With respect to the
9 sustainment of domestic suppliers as described in
10 subsection (b), the report under paragraph (1) shall
11 include the views of the Secretary on the following:

12 (A) Such sustainment of not less than two
13 domestic suppliers for each item specified in
14 paragraphs (1) through (5) of such subsection.

15 (B) The risks within the industrial base
16 for each such item.

17 (C) The estimated costs for such
18 sustainment.

19 (D) The opportunities to ensure or pro-
20 mote competition within the industrial base for
21 each such item.

1 **SEC. 1685.[Log 65412] PILOT PROGRAM ON ENHANCING IN-**
2 **FORMATION SHARING FOR SECURITY OF**
3 **SUPPLY CHAIN.**

4 (a) ESTABLISHMENT.—Not later than June 1, 2019,
5 the Secretary of Defense shall establish a pilot program
6 to enhance information sharing with cleared defense con-
7 tractors to ensure all source information is appropriately,
8 singularly, and exclusively shared for the purpose of ensur-
9 ing the security of the supply chain of covered programs.

10 (b) SELECTION.—The Secretary shall select 10 acqui-
11 sition or sustainment programs of the Department of De-
12 fense to participate in the pilot program under subsection
13 (a), of which—

14 (1) not fewer than one program shall be related
15 to nuclear weapons;

16 (2) not fewer than one program shall be related
17 to nuclear command, control, and communications;

18 (3) not fewer than one program shall be related
19 to continuity of government;

20 (4) not fewer than one program shall be related
21 to ballistic missile defense;

22 (5) not fewer than one program shall be related
23 to other command and control systems; and

24 (6) not fewer than one program shall be related
25 to logistics.

1 (c) REPORT.—Not later than March 1, 2018, the
2 Secretary shall submit to the congressional defense com-
3 mittees a report that includes—

4 (1) details on how the Secretary will establish
5 the pilot program under subsection (a) to ensure all
6 source information is appropriately, singularly, and
7 exclusively shared for the purpose of ensuring the
8 security of the supply chain of covered programs;
9 and

10 (2) the identification of any legislative action or
11 administrative action required to provide the Sec-
12 retary with specific additional authorities required to
13 fully implement the pilot program.

14 (d) CLEARED DEFENSE CONTRACTORS DEFINED.—
15 In this section, the term “cleared defense contractors”
16 means contractors of the Department of Defense who have
17 a security clearance, including contractor facilities that
18 have a security clearance.

1 **SEC. 1686.[Log 64930] COMMISSION TO ASSESS THE THREAT**
2 **TO THE UNITED STATES FROM ELECTRO-**
3 **MAGNETIC PULSE ATTACKS AND EVENTS.**

4 (a) ESTABLISHMENT.—There is hereby established a
5 commission to be known as the “Commission to Assess
6 the Threat to the United States from Electromagnetic
7 Pulse Attacks and Events” (hereafter in this section re-
8 ferred to as the “Commission”). The purpose of the Com-
9 mission is to assess and make recommendations with re-
10 spect to the threat to the United States from electro-
11 magnetic pulse attacks and events.

12 (b) COMPOSITION.—

13 (1) MEMBERSHIP.—The Commission shall be
14 composed of 12 members appointed as follows:

15 (A) Three members appointed by the chair
16 of the Committee on Armed Services of the
17 House of Representatives.

18 (B) Three members appointed by the rank-
19 ing minority member of the Committee on
20 Armed Services of the House of Representa-
21 tives.

22 (C) Three members appointed by the chair
23 of the Committee on Armed Services of the
24 Senate.

1 (D) Three members appointed by the rank-
2 ing minority member of the Committee on
3 Armed Services of the Senate.

4 (2) CHAIR AND VICE CHAIR.—

5 (A) CHAIR.—The chair of the Committee
6 on Armed Services of the House of Representa-
7 tive and the chair of the Committee on Armed
8 Services of the Senate shall jointly designate
9 one member of the Commission to serve as
10 chair of the Commission.

11 (B) VICE CHAIR.—The ranking minority
12 member of the Committee on Armed Services of
13 the House of Representative and the ranking
14 minority member of the Committee on Armed
15 Services of the Senate shall jointly designate
16 one member of the Commission to serve as vice
17 chair of the Commission.

18 (3) SECURITY CLEARANCE REQUIRED.—Each
19 individual appointed as a member of the Commission
20 shall possess (or have recently possessed before the
21 date of such appointment) the appropriate security
22 clearance necessary to carry out the duties of the
23 Commission.

24 (4) QUALIFICATION.—Members of the Commis-
25 sion shall be appointed from among private United

1 States citizens with knowledge and expertise in the
2 scientific, technical, and defense aspects of electro-
3 magnetic pulse threats and vulnerabilities.

4 (5) PERIOD OF APPOINTMENT; VACANCIES.—
5 Members shall be appointed for the life of the Com-
6 mission. Any vacancy in the Commission shall be
7 filled in the same manner as the original appoint-
8 ment.

9 (c) DUTIES.—

10 (1) REVIEW AND ASSESSMENT.—The Commis-
11 sion shall review and assess—

12 (A) the nature, magnitude, and likelihood
13 of potential electromagnetic pulse (hereafter in
14 section referred to as “EMP”) attacks and
15 events, both manmade and natural, that could
16 be directed at or affect the United States within
17 the next 20 years;

18 (B) the vulnerability of United States mili-
19 tary and civilian systems to EMP attacks and
20 events, including with respect to emergency pre-
21 paredness and immediate response;

22 (C) the capability of the United States to
23 repair and recover from damage inflicted on
24 United States military and civilian systems by
25 EMP attacks and events; and

1 (D) the feasibility and cost of hardening
2 critical military and civilian systems against
3 EMP attack and events.

4 (2) RECOMMENDATIONS.—The Commission
5 shall recommend any actions it believes should be
6 taken by the United States to better prepare, pre-
7 vent, mitigate, or recover military and civilian sys-
8 tems with respect to EMP attacks and events.

9 (d) COOPERATION FROM GOVERNMENT.—

10 (1) COOPERATION.—In carrying out its duties,
11 the Commission shall receive the full and timely co-
12 operation of the Secretary of Defense and the perti-
13 nent heads of any other Federal agency in providing
14 the Commission with analysis, briefings, and other
15 information necessary for the fulfillment of its re-
16 sponsibilities.

17 (2) LIAISON.—The Secretary shall designate at
18 least one officer or employee of the Department of
19 Defense to serve as a liaison officer between the De-
20 partment and the Commission.

21 (e) REPORT.—

22 (1) FINAL REPORT.—

23 (A) IN GENERAL.—Not later than Decem-
24 ber 1, 2018, the Commission shall submit to
25 the President, the Secretary of Defense, the

1 Committee on Armed Services of the House of
2 Representatives, and the Committee on Armed
3 Services of the Senate a report on the findings,
4 conclusions, and recommendations of the Com-
5 mission.

6 (B) FORM OF REPORT.—The report sub-
7 mitted to Congress under subparagraph (A)
8 shall be submitted in unclassified form, but may
9 include a classified annex.

10 (2) VIEWS OF THE SECRETARY.—Not later
11 than 90 days after the submittal of the report under
12 paragraph (1), the Secretary of Defense shall submit
13 to the Committee on Armed Services of the House
14 of Representatives and the Committee on Armed
15 Services of the Senate a report that contains the
16 views of the Secretary with respect to the findings,
17 conclusions, and recommendations of the Commis-
18 sion and any actions the Secretary intends to take
19 as a result.

20 (3) INTERIM BRIEFING.—Not later than June
21 1, 2018, the Commission shall provide to the Com-
22 mittee on Armed Services of the House of Rep-
23 resentatives and the Committee on Armed Services
24 of the Senate a briefing on the status of the activi-

1 ties of the Commission, including a discussion of any
2 interim recommendations.

3 (f) FUNDING.—Of the amounts authorized to be ap-
4 propriated by this Act for the Department of Defense,
5 \$3,000,000 is available to fund the activities of the Com-
6 mission, as specified in the funding tables in division D.

7 (g) APPLICATION OF FEDERAL ADVISORY COM-
8 MITTEE ACT.—The Federal Advisory Committee Act (5
9 U.S.C. App.) shall apply to the Commission.

10 (h) TERMINATION.—The Commission shall terminate
11 three months after the date on which the Secretary of De-
12 fense submits the report under subsection (e)(2).

13 (i) REPEAL.—Title XIV of Floyd D. Spence National
14 Defense Authorization Act for Fiscal Year 2001 (Public
15 Law 106-398) is repealed.

1 **Subtitle A—Improving Trans-**
2 **parency and Clarity for Small**
3 **Businesses**

4 **SEC. 1701 [Log 65128]. IMPROVING REPORTING ON SMALL**
5 **BUSINESS GOALS.**

6 (a) IN GENERAL.—Section 15(h)(2)(E) of the Small
7 Business Act (15 U.S.C. 644(h)(2)(E)) is amended—

8 (1) in clause (i)—

9 (A) in subclause (III), by striking “and” at
10 the end; and

11 (B) by adding at the end the following new
12 subclauses:

13 “(V) that were purchased by an-
14 other entity after the initial contract
15 was awarded and as a result of the
16 purchase, would no longer be deemed
17 to be small business concerns for pur-
18 poses of the initial contract; and

19 “(VI) that were awarded using a
20 procurement method that restricted
21 competition to small business concerns
22 owned and controlled by service-dis-
23 abled veterans, qualified HUBZone
24 small business concerns, small busi-
25 ness concerns owned and controlled by

1 socially and economically disadvan-
2 tagged individuals, small business con-
3 cerns owned and controlled by women,
4 or a subset of any such concerns;”;

5 (2) in clause (ii)—

6 (A) in subclause (IV), by striking “and” at
7 the end; and

8 (B) by adding at the end the following new
9 subclauses:

10 “(VI) that were purchased by an-
11 other entity after the initial contract
12 was awarded and as a result of the
13 purchase, would no longer be deemed
14 to be small business concerns owned
15 and controlled by service-disabled vet-
16 erans for purposes of the initial con-
17 tract; and

18 “(VII) that were awarded using a
19 procurement method that restricted
20 competition to qualified HUBZone
21 small business concerns, small busi-
22 ness concerns owned and controlled by
23 socially and economically disadvan-
24 tagged individuals, small business con-

1 cerns owned and controlled by women,
2 or a subset of any such concerns;”;

3 (3) in clause (iii)—

4 (A) in subclause (V), by striking “and” at
5 the end; and

6 (B) by adding at the end the following new
7 subclauses:

8 “(VII) that were purchased by
9 another entity after the initial con-
10 tract was awarded and as a result of
11 the purchase, would no longer be
12 deemed to be qualified HUBZone
13 small business concerns for purposes
14 of the initial contract; and

15 “(VIII) that were awarded using
16 a procurement method that restricted
17 competition to small business concerns
18 owned and controlled by service-dis-
19 abled veterans, small business con-
20 cerns owned and controlled by socially
21 and economically disadvantaged indi-
22 viduals, small business concerns
23 owned and controlled by women, or a
24 subset of any such concerns;”;

25 (4) in clause (iv)—

1 (A) in subclause (V), by striking “and” at
2 the end; and

3 (B) by adding at the end the following new
4 subclauses:

5 “(VII) that were purchased by
6 another entity after the initial con-
7 tract was awarded and as a result of
8 the purchase, would no longer be
9 deemed to be small business concerns
10 owned and controlled by socially and
11 economically disadvantaged individ-
12 uals for purposes of the initial con-
13 tract; and

14 “(VIII) that were awarded using
15 a procurement method that restricted
16 competition to small business concerns
17 owned and controlled by service-dis-
18 abled veterans, qualified HUBZone
19 small business concerns, small busi-
20 ness concerns owned and controlled by
21 women, or a subset of any such con-
22 cerns;”;

23 (5) in clause (v)—

24 (A) in subclause (IV), by striking “and” at
25 the end;

1 (B) in subclause (V), by inserting “and” at
2 the end; and

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

5 “(VI) that were purchased by an-
6 other entity after the initial contract
7 was awarded and as a result of the
8 purchase, would no longer be deemed
9 to be small business concerns owned
10 by an Indian tribe other than an Alas-
11 ka Native Corporation for purposes of
12 the initial contract;”;

13 (6) in clause (vi)—

14 (A) in subclause (IV), by striking “and” at
15 the end;

16 (B) in subclause (V), by inserting “and” at
17 the end; and

18 (C) by adding at the end the following new
19 subclause:

20 “(VI) that were purchased by an-
21 other entity after the initial contract
22 was awarded and as a result of the
23 purchase, would no longer be deemed
24 to be small business concerns owned

1 by a Native Hawaiian Organization
2 for purposes of the initial contract;”;

3 (7) in clause (vii)—

4 (A) in subclause (IV), by striking “and” at
5 the end; and

6 (B) by adding at the end the following new
7 subclause:

8 “(VI) that were purchased by an-
9 other entity after the initial contract
10 was awarded and as a result of the
11 purchase, would no longer be deemed
12 to be small business concerns owned
13 by an Alaska Native Corporation for
14 purposes of the initial contract; and”;
15 and

16 (8) in clause (viii)—

17 (A) in subclause (VII), by striking “and”
18 at the end;

19 (B) in subclause (VIII), by striking “and”
20 at the end; and

21 (C) by adding at the end the following new
22 subclauses:

23 “(IX) that were purchased by an-
24 other entity after the initial contract
25 was awarded and as a result of the

1 purchase, would no longer be deemed
2 to be small business concerns owned
3 and controlled by women for purposes
4 of the initial contract; and

5 “(X) that were awarded using a
6 procurement method that restricted
7 competition to small business concerns
8 owned and controlled by service-dis-
9 abled veterans, qualified HUBZone
10 small business concerns, small busi-
11 ness concerns owned and controlled by
12 socially and economically disadvan-
13 tagged individuals, or a subset of any
14 such concerns; and”.

15 (b) EFFECTIVE DATE.—The Administrator of the
16 Small Business Administration shall be required to report
17 on the information required by clauses (i)(V), (ii)(VI),
18 (iii)(VII), (iv)(VII), (v)(VI), (vi)(VI), (vii)(VI), and
19 (viii)(IX) of section 15(h)(2)(E) of the Small Business Act
20 (15 U.S.C. 644(h)(2)(E)) beginning on the date that such
21 information is available in the Federal Procurement Data
22 System, the System for Award Management, or any new
23 or successor system.

1 **SEC. 1702 [Log 65129]. UNIFORMITY IN PROCUREMENT TER-**
2 **MINOLOGY.**

3 (a) IN GENERAL.—Section 15(j)(1) of the Small
4 Business Act (15 U.S.C. 644(j)(1)) is amended by striking
5 “greater than \$2,500 but not greater than \$100,000” and
6 inserting “greater than the micro-purchase threshold, but
7 not greater than the simplified acquisition threshold”.

8 (b) TECHNICAL AMENDMENT.—Section 3(m) of the
9 Small Business Act (15 U.S.C. 632(m)) is amended to
10 read as follows:

11 “(m) DEFINITIONS RELATING TO CONTRACTING.—
12 In this Act:

13 “(1) PRIME CONTRACT.—The term ‘prime con-
14 tract’ has the meaning given such term in section
15 8701(4) of title 41, United States Code.

16 “(2) PRIME CONTRACTOR.—The term ‘prime
17 contractor’ has the meaning given such term in sec-
18 tion 8701(5) of title 41, United States Code.

19 “(3) SIMPLIFIED ACQUISITION THRESHOLD.—
20 The term ‘simplified acquisition threshold’ has the
21 meaning given such term in section 134 of title 41,
22 United States Code.

23 “(4) MICRO-PURCHASE THRESHOLD.—The
24 term ‘micro-purchase threshold’ has the meaning
25 given such term in section 1902 of title 41, United
26 States Code.

1 “(5) TOTAL PURCHASES AND CONTRACTS FOR
2 PROPERTY AND SERVICES.—The term ‘total pur-
3 chases and contracts for property and services’ shall
4 mean total number and total dollar amount of con-
5 tracts and orders for property and services.”.

1 **SEC. 1703 [Log 65130]. RESPONSIBILITIES OF COMMERCIAL**
2 **MARKET REPRESENTATIVES.**

3 Section 4(h) of the Small Business Act (15 U.S.C.
4 633(h)) is amended to read as follows:

5 “(h) **COMMERCIAL MARKET REPRESENTATIVES.**—

6 “(1) **DUTIES.**—The principal duties of a com-
7 mercial market representative employed by the Ad-
8 ministrator and reporting to the senior official ap-
9 pointed by the Administrator with responsibilities
10 under sections 8, 15, 31, and 36 (or the designee of
11 such official) shall be to advance the policies estab-
12 lished in section 8(d)(1) relating to subcontracting.

13 Such duties shall include—

14 “(A) helping prime contractors to find
15 small business concerns that are capable of per-
16 forming subcontracts;

17 “(B) for contractors awarded contracts
18 containing the clause described in section
19 8(d)(3), providing—

20 “(i) counseling on the contractor’s re-
21 sponsibility to maximize subcontracting op-
22 portunities for small business concerns;

23 “(ii) instruction on methods and tools
24 to identify potential subcontractors that
25 are small business concerns; and

1 “(iii) assistance to increase awards to
2 subcontractors that are small business con-
3 cerns through visits, training, and reviews
4 of past performance;

5 “(C) providing counseling on how a small
6 business concern may promote its capacity to
7 contractors awarded contracts containing the
8 clause described in section 8(d)(3); and

9 “(D) conducting periodic reviews of con-
10 tractors awarded contracts containing the
11 clause described in section 8(d)(3) to assess
12 compliance with subcontracting plans required
13 under section 8(d)(6).

14 “(2) CERTIFICATION REQUIREMENTS.—

15 “(A) IN GENERAL.—Consistent with the
16 requirements of subparagraph (B), a commer-
17 cial market representative referred to in section
18 15(q)(3) shall have a Level I Federal Acquisi-
19 tion Certification in Contracting (or any suc-
20 cessor certification) or the equivalent Depart-
21 ment of Defense certification.

22 “(B) DELAY OF CERTIFICATION REQUIRE-
23 MENT.—The certification described in subpara-
24 graph (A) is not required—

1 “(i) for any person serving as a com-
2 mercial market representative on the date
3 of the enactment of this subsection, until
4 the date that is one calendar year after the
5 date such person was appointed as a com-
6 mercial market representative; or

7 “(ii) for any person serving as a com-
8 mercial market representative on or before
9 November 25, 2015, until November 25,
10 2020.

11 “(3) JOB POSTING REQUIREMENTS.—The du-
12 ties and certification requirements described in this
13 subsection shall be included in any initial job posting
14 for the position of a commercial market representa-
15 tive.”.

1 **SEC. 1704 [Log 65131]. RESPONSIBILITIES OF BUSINESS OP-**
2 **PORTUNITY SPECIALISTS.**

3 Section 4(g) of the Small Business Act (15 U.S.C.
4 633(g)) is amended to read as follows:

5 “(g) BUSINESS OPPORTUNITY SPECIALISTS.—

6 “(1) DUTIES.—The exclusive duties of a Busi-
7 ness Opportunity Specialist employed by the Admin-
8 istrator and reporting to the senior official appointed
9 by the Administrator with responsibilities under sec-
10 tions 8, 15, 31, and 36 (or the designee of such offi-
11 cial) shall be to implement sections 7, 8, and 45 and
12 to complete other duties related to contracting pro-
13 grams under this Act. Such duties shall include—

14 “(A) with respect to small business con-
15 cerns eligible to receive contracts and sub-
16 contracts pursuant to section 8(a)—

17 “(i) providing guidance, counseling,
18 and referrals for assistance with technical,
19 management, financial, or other matters
20 that will improve the competitive viability
21 of such concerns;

22 “(ii) identifying causes of success or
23 failure of such concerns;

24 “(iii) providing comprehensive assess-
25 ments of such concerns, including identi-

1 fying the strengths and weaknesses of such
2 concerns;

3 “(iv) monitoring and documenting
4 compliance with the requirements of sec-
5 tions 7 and 8 and any regulations imple-
6 menting those sections;

7 “(v) explaining the requirements of
8 sections 7, 8, 15, 31, 36, and 45; and

9 “(vi) advising on compliance with con-
10 tracting regulations (including the Federal
11 Acquisition Regulation) after award of
12 such a contract or subcontract;

13 “(B) reviewing and monitoring compliance
14 with mentor-protege agreements under section
15 45;

16 “(C) representing the interests of the Ad-
17 ministrator and small business concerns in the
18 award, modification, and administration of con-
19 tracts and subcontracts awarded pursuant to
20 section 8(a); and

21 “(D) reporting fraud or abuse under sec-
22 tion 7, 8, 15, 31, 36, or 45 or any regulations
23 implementing such sections.

24 “(2) CERTIFICATION REQUIREMENTS.—

1 “(A) IN GENERAL.—Consistent with the
2 requirements of subparagraph (B), a Business
3 Opportunity Specialist described under section
4 7(j)(10)(D) shall have a Level I Federal Acqui-
5 sition Certification in Contracting (or any suc-
6 cessor certification) or the equivalent Depart-
7 ment of Defense certification.

8 “(B) DELAY OF CERTIFICATION REQUIRE-
9 MENT.—The certification described in subpara-
10 graph (A) is not required—

11 “(i) for any person serving as a Busi-
12 ness Opportunity Specialist on the date of
13 the enactment of this subsection, until the
14 date that is one calendar year after the
15 date such person was appointed as a Busi-
16 ness Opportunity Specialist; or

17 “(ii) for any person serving as a Busi-
18 ness Opportunity Specialist on or before
19 January 3, 2013, until January 3, 2020.

20 “(3) JOB POSTING REQUIREMENTS.—The du-
21 ties and certification requirements described in this
22 subsection shall be included in any initial job posting
23 for the position of a Business Opportunity Spe-
24 cialist.”.

1 **Subtitle B—Women’s Business**
2 **Programs**

3 **SEC. 1711 [Log 65132]. OFFICE OF WOMEN’S BUSINESS OWN-**
4 **ERSHIP.**

5 Section 29(g) of the Small Business Act (15 U.S.C.
6 656(g)) is amended—

7 (1) in paragraph (2), by striking subparagraphs
8 (B) and (C) and inserting the following:

9 “(B) RESPONSIBILITIES.—The responsibil-
10 ities of the Assistant Administrator shall be to
11 administer the programs and services of the Of-
12 fice of Women’s Business Ownership.

13 “(C) DUTIES.—The Assistant Adminis-
14 trator shall perform the following functions
15 with respect to the Office of Women’s Business
16 Ownership:

17 “(i) Recommend the annual adminis-
18 trative and program budgets of the Office
19 and eligible entities receiving a grant
20 under the Women’s Business Center Pro-
21 gram.

22 “(ii) Review the annual budgets sub-
23 mitted by each eligible entity receiving a
24 grant under the Women’s Business Center
25 Program.

1 “(iii) Select applicants to receive
2 grants to operate a women’s business cen-
3 ter after reviewing information required by
4 this section, including the budget of each
5 applicant.

6 “(iv) Collaborate with other Federal
7 departments and agencies, State and local
8 governments, not-for-profit organizations,
9 and for-profit enterprises to maximize uti-
10 lization of taxpayer dollars and reduce (or
11 eliminate) any duplication among the pro-
12 grams overseen by the Office of Women’s
13 Business Ownership and those of other en-
14 tities that provide similar services to
15 women entrepreneurs.

16 “(v) Maintain a clearinghouse to pro-
17 vide for the dissemination and exchange of
18 information between women’s business cen-
19 ters.

20 “(vi) Serve as the vice chairperson of
21 the Interagency Committee on Women’s
22 Business Enterprise and as the liaison for
23 the National Women’s Business Council.”;
24 and

25 (2) by adding at the end the following:

1 “(3) MISSION.—The mission of the Office of
2 Women’s Business Ownership shall be to assist
3 women entrepreneurs to start, grow, and compete in
4 global markets by providing quality support with ac-
5 cess to capital, access to markets, job creation,
6 growth, and counseling by—

7 “(A) fostering participation of women en-
8 trepreneurs in the economy by overseeing a net-
9 work of women’s business centers throughout
10 States and territories;

11 “(B) creating public-private partnerships
12 to support women entrepreneurs and con-
13 ducting outreach and education to startup and
14 existing small business concerns owned and con-
15 trolled by women; and

16 “(C) working with other programs over-
17 seen by the Administrator to ensure women are
18 well-represented and being served and identi-
19 fying gaps where participation by women could
20 be increased.

21 “(4) ACCREDITATION PROGRAM.—

22 “(A) ESTABLISHMENT.—Not later than
23 270 days after the date of enactment of this
24 paragraph, the Administrator shall establish
25 standards for an accreditation program for ac-

1 crediting eligible entities receiving a grant
2 under this section.

3 “(B) TRANSITION PROVISION.—Before the
4 date on which standards are established under
5 subparagraph (A), the Administrator may not
6 terminate a grant under this section absent evi-
7 dence of fraud or other criminal misconduct by
8 the recipient.

9 “(C) CONTRACTING AUTHORITY.—The Ad-
10 ministrator may provide financial assistance, by
11 contract or otherwise, to a relevant national
12 women’s business center representative associa-
13 tion to provide assistance in establishing the
14 standards required under subparagraph (A) or
15 for carrying out an accreditation program pur-
16 suant to such standards.”.

1 **SEC. 1712 [Log 65133]. WOMEN'S BUSINESS CENTER PRO-**
2 **GRAM.**

3 (a) DEFINITIONS.—Section 29(a) of the Small Busi-
4 ness Act (15 U.S.C. 656(a)) is amended—

5 (1) by striking paragraph (4);

6 (2) by redesignating paragraphs (2) and (3) as
7 paragraphs (3) and (4), respectively;

8 (3) by inserting after paragraph (1) the fol-
9 lowing:

10 “(2) the term ‘eligible entity’ means—

11 “(A) an organization described in section
12 501(c) of the Internal Revenue Code of 1986
13 and exempt from taxation under section 501(a)
14 of such Code;

15 “(B) a State, regional, or local economic
16 development organization, so long as the orga-
17 nization certifies that grant funds received
18 under this section will not be commingled with
19 other funds;

20 “(C) an institution of higher education,
21 unless such institution is currently receiving a
22 grant under section 21;

23 “(D) a development, credit, or finance cor-
24 poration chartered by a State, so long as the
25 corporation certifies that grant funds received

1 under this section will not be commingled with
2 other funds; or

3 “(E) any combination of entities listed in
4 subparagraphs (A) through (D);” and

5 (4) by adding at the end the following:

6 “(5) the term ‘women’s business center’ means
7 the location at which counseling and training on the
8 management, operations (including manufacturing,
9 services, and retail), access to capital, international
10 trade, Government procurement opportunities, and
11 any other matter is needed to start, maintain, or ex-
12 pand a small business concern owned and controlled
13 by women.”.

14 (b) **AUTHORITY.**—Section 29(b) of the Small Busi-
15 ness Act (15 U.S.C. 656(b)) is amended—

16 (1) by redesignating paragraphs (1), (2), and
17 (3) as subparagraphs (A), (B), and (C), respectively,
18 and adjusting the margins accordingly;

19 (2) by striking “The Administration” and all
20 that follows through “5-year projects” and inserting
21 the following:

22 “(1) **IN GENERAL.**—There is established a
23 Women’s Business Center Program under which the
24 Administrator may provide a grant to any eligible

1 entity to operate one or more women’s business cen-
2 ters”;

3 (3) by striking “The projects shall” and insert-
4 ing the following:

5 “(2) USE OF FUNDS.—The women’s business
6 centers shall be designed to provide counseling and
7 training that meets the needs of women, especially
8 socially or economically disadvantaged women, and
9 shall”; and

10 (4) by adding at the end the following:

11 “(3) AMOUNT OF GRANTS.—

12 “(A) IN GENERAL.—The amount of a
13 grant provided under this subsection to an eligi-
14 ble entity per project year shall be not more
15 than \$185,000 (as such amount is annually ad-
16 justed by the Administrator to reflect the
17 change in inflation).

18 “(B) ADDITIONAL GRANTS.—

19 “(i) IN GENERAL.—Notwithstanding
20 subparagraph (A), with respect to an eligi-
21 ble entity that has received \$185,000
22 under this subsection in a project year, the
23 Administrator may award an additional
24 grant under this subsection of up to
25 \$65,000 during such project year if the

1 Administrator determines that the eligible
2 entity—

3 “(I) agrees to obtain, after its
4 application has been approved and no-
5 tice of award has been issued, cash
6 contributions from non-Federal
7 sources of 1 non-Federal dollar for
8 each Federal dollar;

9 “(II) is in good standing with the
10 Women’s Business Center Program;
11 and

12 “(III) has met performance goals
13 for the previous project year, if appli-
14 cable.

15 “(ii) LIMITATIONS.—The Adminis-
16 trator may only award additional grants
17 under clause (i)—

18 “(I) during the 3rd and 4th
19 quarters of the fiscal year; and

20 “(II) from unobligated amounts
21 made available to the Administrator
22 to carry out this section.

23 “(4) NOTICE AND COMMENT REQUIRED.—The
24 Administrator may only make a change to the stand-
25 ards by which an eligible entity obtains or maintains

1 grants under this section, the standards for accredi-
2 tation, or any other requirement for the operation of
3 a women’s business center if the Administrator first
4 provides notice and the opportunity for public com-
5 ment, as set forth in section 553(b) of title 5,
6 United States Code, without regard to any excep-
7 tions provided for under such section.”.

8 (c) CONDITIONS OF PARTICIPATION.—Section 29(c)
9 of the Small Business Act (15 U.S.C. 656(c)) is amend-
10 ed—

11 (1) in paragraph (1)—

12 (A) by striking “the recipient organiza-
13 tion” and inserting “an eligible entity”; and

14 (B) by striking “financial assistance” and
15 inserting “a grant”;

16 (2) in paragraph (3)—

17 (A) by striking “financial assistance au-
18 thorized pursuant to this section may be made
19 by grant, contract, or cooperative agreement
20 and” and inserting “grants authorized pursuant
21 to this section”; and

22 (B) in the second sentence, by striking “a
23 recipient organization” and inserting “an eligi-
24 ble entity”;

25 (3) in paragraph (4)—

1 (A) by striking “recipient of assistance”
2 and inserting “eligible entity”;

3 (B) by striking “during any project, it
4 shall not be eligible thereafter” and inserting
5 “during any project for 2 consecutive years, the
6 eligible entity shall not be eligible at any time
7 after that 2-year period”;

8 (C) by striking “such organization” and
9 inserting “the eligible entity”; and

10 (D) by striking “the recipient” and insert-
11 ing “the eligible entity”; and

12 (4) by adding at end the following:

13 “(5) SEPARATION OF PROJECT AND FUNDS.—

14 An eligible entity shall—

15 “(A) carry out a project under this section
16 separately from other projects, if any, of the eli-
17 gible entity; and

18 “(B) separately maintain and account for
19 any grants under this section.

20 “(6) EXAMINATION OF ELIGIBLE ENTITIES.—

21 “(A) REQUIRED SITE VISIT.—Each appli-
22 cant, prior to receiving a grant under this sec-
23 tion, shall have a site visit by an employee of
24 the Administration, in order to ensure that the

1 applicant has sufficient resources to provide the
2 services for which the grant is being provided.

3 “(B) ANNUAL REVIEW.—An employee of
4 the Administration shall—

5 “(i) conduct an annual review of the
6 compliance of each eligible entity receiving
7 a grant under this section with the grant
8 agreement, including a financial examina-
9 tion; and

10 “(ii) provide such review to the eligi-
11 ble entity as required under subsection (l).

12 “(7) REMEDIATION OF PROBLEMS.—

13 “(A) PLAN OF ACTION.—If a review of an
14 eligible entity under paragraph (6)(B) identifies
15 any problems, the eligible entity shall, within 45
16 calendar days after receiving such review, pro-
17 vide the Assistant Administrator with a plan of
18 action, including specific milestones, for cor-
19 recting such problems.

20 “(B) PLAN OF ACTION REVIEW BY THE AS-
21 SISTANT ADMINISTRATOR.—The Assistant Ad-
22 ministrator shall review each plan of action sub-
23 mitted under subparagraph (A) within 30 cal-
24 endar days after receiving such plan and—

1 “(i) if the Assistant Administrator de-
2 termines that such plan will bring the eligi-
3 ble entity into compliance with all the
4 terms of the grant agreement, approve
5 such plan; or

6 “(ii) if the Assistant Administrator
7 determines that such plan is inadequate to
8 remedy the problems identified in the an-
9 nual review to which the plan of action re-
10 lates, the Assistant Administrator shall set
11 forth such reasons in writing and provide
12 such determination to the eligible entity
13 within 15 calendar days after such deter-
14 mination.

15 “(C) AMENDMENT TO PLAN OF ACTION.—
16 An eligible entity receiving a determination
17 under subparagraph (B)(ii) shall have 30 cal-
18 endar days after the receipt of the determina-
19 tion to amend the plan of action to satisfy the
20 problems identified by the Assistant Adminis-
21 trator and resubmit such plan to the Assistant
22 Administrator.

23 “(D) AMENDED PLAN REVIEW BY THE AS-
24 SISTANT ADMINISTRATOR.—Within 15 calendar
25 days after the receipt of an amended plan of ac-

1 tion under subparagraph (C), the Assistant Ad-
2 ministrators shall either approve or reject such
3 plan and provide such approval or rejection in
4 writing to the eligible entity.

5 “(E) APPEAL OF ASSISTANT ADMINIS-
6 TRATOR DETERMINATION.—

7 “(i) IN GENERAL.—If the Assistant
8 Administrator rejects an amended plan
9 under subparagraph (D), the eligible entity
10 shall have the opportunity to appeal such
11 decision to the Administrator, who may
12 delegate such appeal to an appropriate of-
13 ficer of the Administration.

14 “(ii) OPPORTUNITY FOR EXPLA-
15 NATION.—Any appeal described under
16 clause (i) shall provide an opportunity for
17 the eligible entity to provide, in writing, an
18 explanation of why the eligible entity’s plan
19 remedies the problems identified in the an-
20 nual review.

21 “(iii) NOTICE OF DETERMINATION.—
22 The determination of the appeal shall be
23 provided to the eligible entity, in writing,
24 within 15 calendar days after the eligible
25 entity’s filing of the appeal.

1 “(iv) EFFECT OF FAILURE TO ACT.—

2 If the Administrator fails to act on an ap-
3 peal made under this subparagraph within
4 the 15 calendar day period specified under
5 clause (iii), the eligible entity’s amended
6 plan of action submitted under subpara-
7 graph (C) shall be deemed to be approved.

8 “(8) TERMINATION OF GRANT.—

9 “(A) IN GENERAL.—The Administrator
10 shall require that, if an eligible entity fails to
11 comply with a plan of action approved by the
12 Assistant Administrator under paragraph
13 (7)(B)(i) or an amended plan of action ap-
14 proved by the Assistant Administrator under
15 paragraph (7)(D) or approved on appeal under
16 paragraph (7)(E), the Assistant Administrator
17 terminate the grant provided to the eligible en-
18 tity under this section.

19 “(B) APPEAL OF TERMINATION.—An eligi-
20 ble entity that has a grant terminated under
21 subparagraph (A) shall have the opportunity to
22 challenge the termination on the record and
23 after an opportunity for a hearing.

24 “(C) FINAL AGENCY ACTION.—The deter-
25 mination made pursuant to subparagraph (B)

1 shall be considered final agency action for the
2 purposes of chapter 7 of title 5, United States
3 Code.”.

4 (d) SUBMISSION OF 5-YEAR PLAN.—Section 29(e) of
5 the Small Business Act (15 U.S.C. 656(e)) is amended—

6 (1) by striking “applicant organization” and in-
7 serting “eligible entity”;

8 (2) by striking “a recipient organization” and
9 inserting “an eligible entity”;

10 (3) by striking “financial assistance” and in-
11 serting “grants”; and

12 (4) by striking “site”.

13 (e) APPLICATIONS AND CRITERIA FOR INITIAL
14 GRANT.—Subsection (f) of section 29 of the Small Busi-
15 ness Act (15 U.S.C. 656) is amended to read as follows:

16 “(f) APPLICATIONS AND CRITERIA FOR INITIAL
17 GRANT.—

18 “(1) APPLICATION.—Each eligible entity desir-
19 ing a grant under subsection (b) shall submit to the
20 Administrator an application that contains—

21 “(A) a certification that the eligible enti-
22 ty—

23 “(i) has designated an executive direc-
24 tor or program manager, who may be com-
25 pensated using grant funds under sub-

1 section (b) or other sources, to manage the
2 women’s business center for which a grant
3 under subsection (b) is sought; and

4 “(ii) meets the accounting and report-
5 ing requirements established by the Direc-
6 tor of the Office of Management and
7 Budget;

8 “(B) information demonstrating that the
9 eligible entity has the ability and resources to
10 meet the needs of the market to be served by
11 the women’s business center, including the abil-
12 ity to obtain the non-Federal contribution re-
13 quired under subsection (c);

14 “(C) information relating to the assistance
15 to be provided by the women’s business center
16 in the area in which the women’s business cen-
17 ter is located;

18 “(D) information demonstrating the expe-
19 rience and effectiveness of the eligible entity
20 in—

21 “(i) conducting the services described
22 under subsection (a)(5);

23 “(ii) providing training and services to
24 a representative number of women who are
25 socially or economically disadvantaged; and

1 “(iii) working with resource partners
2 of the Administration and other entities,
3 such as universities; and

4 “(E) a 5-year plan that describes the abil-
5 ity of the eligible entity to provide the services
6 described under subsection (a)(3), including to
7 a representative number of women who are so-
8 cially or economically disadvantaged.

9 “(2) REVIEW AND APPROVAL OF APPLICATIONS
10 FOR INITIAL GRANTS.—

11 “(A) REVIEW AND SELECTION OF ELIGI-
12 BLE ENTITIES.—

13 “(i) IN GENERAL.—The Administrator
14 shall review applications to determine
15 whether the applicant can meet obligations
16 to perform the activities required by a
17 grant under this section, including—

18 “(I) the experience of the appli-
19 cant in conducting activities required
20 by this section;

21 “(II) the amount of time needed
22 for the applicant to commence oper-
23 ations should it be awarded a grant;

24 “(III) the capacity of the appli-
25 cant to meet the accreditation stand-

1 ards established by the Administrator
2 in a timely manner;

3 “(IV) the ability of the applicant
4 to sustain operations for more than 5
5 years (including its ability to obtain
6 sufficient non-Federal funds for that
7 period);

8 “(V) the location of the women’s
9 business center and its proximity to
10 other grant recipients under this sec-
11 tion; and

12 “(VI) the population density of
13 the area to be served by the women’s
14 business center.

15 “(ii) SELECTION CRITERIA.—

16 “(I) GUIDANCE.—The Adminis-
17 trator shall issue guidance (after pro-
18 viding an opportunity for notice and
19 comment) to specify the criteria for
20 review and selection of applicants
21 under this subsection.

22 “(II) MODIFICATIONS PROHIB-
23 ITED AFTER ANNOUNCEMENT.—With
24 respect to a public announcement of
25 any opportunity to be awarded a

1 grant under this section made by the
2 Administrator pursuant to subsection
3 (l)(1), the Administrator may not
4 modify guidance issued pursuant to
5 subclause (I) with respect to such op-
6 portunity unless required to do so by
7 an Act of Congress or an order of a
8 Federal court.

9 “(III) RULE OF CONSTRUC-
10 TION.—Nothing in this clause may be
11 construed as prohibiting the Adminis-
12 trator from modifying the guidance
13 issued pursuant to subclause (I) (after
14 providing an opportunity for notice
15 and comment) as such guidance ap-
16 plies to an opportunity to be awarded
17 a grant under this section that the
18 Administrator has not yet publicly an-
19 nounced pursuant to subsection (l)(1).

20 “(B) RECORD RETENTION.—

21 “(i) IN GENERAL.—The Administrator
22 shall maintain a copy of each application
23 submitted under this subsection for not
24 less than 5 years.

1 “(ii) PAPERWORK REDUCTION.—The
2 Administrator shall take steps to reduce,
3 to the maximum extent practicable, the pa-
4 perwork burden associated with carrying
5 out clause (i).”.

6 (f) NOTIFICATION REQUIREMENTS UNDER THE
7 WOMEN’S BUSINESS CENTER PROGRAM.—Section 29 of
8 the Small Business Act (15 U.S.C. 656) is amended by
9 inserting after subsection (k) the following:

10 “(l) NOTIFICATION REQUIREMENTS UNDER THE
11 WOMEN’S BUSINESS CENTER PROGRAM.—The Adminis-
12 trator shall provide—

13 “(1) a public announcement of any opportunity
14 to be awarded grants under this section, and such
15 announcement shall include the standards by which
16 such award will be made, including the guidance
17 issued pursuant to subsection (f)(2)(A)(ii);

18 “(2) the opportunity for any applicant for a
19 grant under this section that failed to obtain such
20 a grant a debriefing with the Assistant Adminis-
21 trator to review the reasons for the applicant’s fail-
22 ure; and

23 “(3) with respect to any site visit or evaluation
24 of an eligible entity receiving a grant under this sec-
25 tion that is carried out by an officer or employee of

1 the Administration (other than the Inspector Gen-
2 eral), a copy of the site visit report or evaluation, as
3 applicable, within 30 calendar days after the comple-
4 tion of such visit or evaluation.”.

5 (g) CONTINUED FUNDING FOR CENTERS.—Section
6 29(m) of the Small Business Act (15 U.S.C. 656(m)) is
7 amended—

8 (1) by striking paragraph (3) and inserting the
9 following:

10 “(3) APPLICATION AND APPROVAL FOR CON-
11 TINUATION GRANTS.—

12 “(A) SOLICITATION OF APPLICATIONS.—
13 The Administrator shall solicit applications and
14 award continuation grants under this subsection
15 for the first fiscal year beginning after the date
16 of enactment of this paragraph, and every third
17 fiscal year thereafter.

18 “(B) CONTENTS OF APPLICATION.—Each
19 eligible entity desiring a grant under this sub-
20 section shall submit to the Administrator an ap-
21 plication that contains—

22 “(i) a certification that the appli-
23 cant—

24 “(I) is an eligible entity;

1 “(II) has designated an executive
2 director or program manager to man-
3 age the women’s business center oper-
4 ated by the applicant; and

5 “(III) as a condition of receiving
6 a grant under this subsection,
7 agrees—

8 “(aa) to receive a site visit
9 as part of the final selection
10 process, at the discretion of the
11 Administrator; and

12 “(bb) to remedy any prob-
13 lem identified pursuant to the
14 site visit under item (aa);

15 “(ii) information demonstrating that
16 the applicant has the ability and resources
17 to meet the needs of the market to be
18 served by the women’s business center for
19 which a grant under this subsection is
20 sought, including the ability to obtain the
21 non-Federal contribution required under
22 paragraph (4)(C);

23 “(iii) information relating to assist-
24 ance to be provided by the women’s busi-
25 ness center in the geographic area served

1 by the women’s business center for which
2 a grant under this subsection is sought;

3 “(iv) information demonstrating that
4 the applicant has worked with resource
5 partners of the Administration and other
6 entities;

7 “(v) a 3-year plan that describes the
8 services provided by the women’s business
9 center for which a grant under this sub-
10 section is sought—

11 “(I) to serve women who are
12 business owners or potential business
13 owners by conducting training and
14 counseling activities; and

15 “(II) to provide training and
16 services to a representative number of
17 women who are socially or economi-
18 cally disadvantaged; and

19 “(vi) any additional information that
20 the Administrator may reasonably require.

21 “(C) REVIEW AND APPROVAL OF APPLICA-
22 TIONS FOR GRANTS.—

23 “(i) IN GENERAL.—The Adminis-
24 trator—

1 “(I) shall review each application
2 submitted under subparagraph (B),
3 based on the information described in
4 such subparagraph and the criteria
5 set forth under clause (ii) of this sub-
6 paragraph; and

7 “(II) as part of the final selection
8 process, may conduct a site visit to
9 each women’s business center for
10 which a grant under this subsection is
11 sought to evaluate the women’s busi-
12 ness center using the selection criteria
13 described in clause (ii)(II).

14 “(ii) SELECTION CRITERIA.—

15 “(I) IN GENERAL.—The Admin-
16 istrator shall evaluate applicants for
17 grants under this subsection in ac-
18 cordance with selection criteria that
19 are—

20 “(aa) established before the
21 date on which applicants are re-
22 quired to submit the applications;

23 “(bb) stated in terms of rel-
24 ative importance; and

1 “(cc) publicly available and
2 stated in each solicitation for ap-
3 plications for grants under this
4 subsection made by the Adminis-
5 trator.

6 “(II) REQUIRED CRITERIA.—The
7 selection criteria for a grant under
8 this subsection shall include—

9 “(aa) the total number of
10 entrepreneurs served by the ap-
11 plicant;

12 “(bb) the total number of
13 new startup companies assisted
14 by the applicant;

15 “(cc) the percentage of cli-
16 ents of the applicant that are so-
17 cially or economically disadvan-
18 taged;

19 “(dd) the percentage of indi-
20 viduals in the community served
21 by the applicant who are socially
22 or economically disadvantaged;

23 “(ee) the successful accredi-
24 tation of the applicant under the

1 accreditation program developed
2 under subsection (g)(5); and

3 “(ff) any additional criteria
4 that the Administrator may rea-
5 sonably require.

6 “(iii) CONDITIONS FOR CONTINUED
7 FUNDING.—In determining whether to
8 make a grant under this subsection, the
9 Administrator—

10 “(I) shall consider the results of
11 the most recent evaluation of the
12 women’s business center for which a
13 grant under this subsection is sought,
14 and, to a lesser extent, previous eval-
15 uations; and

16 “(II) may withhold a grant under
17 this subsection, if the Administrator
18 determines that the applicant has
19 failed to provide the information re-
20 quired to be provided under this para-
21 graph, or the information provided by
22 the applicant is inadequate.

23 “(D) NOTIFICATION.—Not later than 60
24 calendar days after the date of each deadline to
25 submit applications under this paragraph, the

1 Administrator shall approve or deny each sub-
2 mitted application and notify the applicant for
3 each such application of the approval or denial.

4 “(E) RECORD RETENTION.—

5 “(i) IN GENERAL.—The Administrator
6 shall maintain a copy of each application
7 submitted under this paragraph for not
8 less than 5 years.

9 “(ii) PAPERWORK REDUCTION.—The
10 Administrator shall take steps to reduce,
11 to the maximum extent practicable, the pa-
12 perwork burden associated with carrying
13 out clause (i).”; and

14 (2) by striking paragraph (5) and inserting the
15 following:

16 “(5) AWARD TO PREVIOUS RECIPIENTS.—There
17 shall be no limitation on the number of times the
18 Administrator may award a grant to an applicant
19 under this subsection.”.

20 (h) TECHNICAL AND CONFORMING AMENDMENTS.—
21 Section 29 of the Small Business Act (15 U.S.C. 656) is
22 amended—

23 (1) in subsection (h)(2), by striking “to award
24 a contract (as a sustainability grant) under sub-
25 section (l) or”;

1 (2) in subsection (j)(1), by striking “The Ad-
2 ministration” and inserting “Not later than Novem-
3 ber 1 of each year, the Administrator”;

4 (3) in subsection (k)—

5 (A) by striking paragraphs (1) and (4);

6 (B) by inserting before paragraph (2) the
7 following:

8 “(1) IN GENERAL.—There are authorized to be
9 appropriated to the Administration to carry out this
10 section, to remain available until expended,
11 \$21,750,000 for each of fiscal years 2018 through
12 2021.”; and

13 (C) in paragraph (2), by striking subpara-
14 graph (B) and inserting the following:

15 “(B) EXCEPTIONS.—Of the amount made
16 available under this subsection for a fiscal year,
17 the following amounts shall be available for se-
18 lection panel costs, costs associated with main-
19 taining an accreditation program, and post-
20 award conference costs:

21 “(i) For the first fiscal year beginning
22 after the date of the enactment of this sub-
23 paragraph, 2.65 percent.

24 “(ii) For the second fiscal year begin-
25 ning after the date of the enactment of

1 this subparagraph and each fiscal year
2 thereafter through fiscal year 2021, 2.5
3 percent.”; and

4 (4) in subsection (m)—

5 (A) in paragraph (2), by striking “sub-
6 section (b) or (l)” and inserting “this sub-
7 section or subsection (b)”;

8 (B) in paragraph (4)(D), by striking “or
9 subsection (l)”.

10 (i) EFFECT ON EXISTING GRANTS.—

11 (1) TERMS AND CONDITIONS.—A nonprofit or-
12 ganization receiving a grant under section 29(m) of
13 the Small Business Act (15 U.S.C. 656(m)), as in
14 effect on the day before the date of enactment of
15 this Act, shall continue to receive the grant under
16 the terms and conditions in effect for the grant on
17 the day before the date of enactment of this Act, ex-
18 cept that the nonprofit organization may not apply
19 for a continuation of the grant under section
20 29(m)(5) of the Small Business Act (15 U.S.C.
21 656(m)(5)), as in effect on the day before the date
22 of enactment of this Act.

23 (2) LENGTH OF CONTINUATION GRANT.—The
24 Administrator of the Small Business Administration
25 may award a grant under section 29(m) of the Small

1 Business Act to a nonprofit organization receiving a
2 grant under section 29(m) of the Small Business
3 Act (15 U.S.C. 656(m)), as in effect on the day be-
4 fore the date of enactment of this Act, for the pe-
5 riod—

6 (A) beginning on the day after the last day
7 of the grant agreement under such section
8 29(m); and

9 (B) ending at the end of the third fiscal
10 year beginning after the date of enactment of
11 this Act.

1 **SEC. 1713 [Log 65134]. MATCHING REQUIREMENTS UNDER**
2 **WOMEN'S BUSINESS CENTER PROGRAM.**

3 Section 29(c) of the Small Business Act (15 U.S.C.
4 656(c)), as amended by this Act, is further amended by
5 adding at the end the following new paragraph:

6 “(9) WAIVER OF NON-FEDERAL SHARE.—

7 “(A) IN GENERAL.—Upon request by an
8 eligible entity, and in accordance with this para-
9 graph, the Administrator may waive, in whole
10 or in part, the requirement to obtain non-Fed-
11 eral funds under this subsection for counseling
12 and training activities of the eligible entity car-
13 ried out using a grant under this section for a
14 fiscal year. The Administrator may not waive
15 the requirement for an eligible entity to obtain
16 non-Federal funds under this paragraph for
17 more than a total of 2 consecutive fiscal years.

18 “(B) CONSIDERATIONS.—In determining
19 whether to waive the requirement to obtain
20 non-Federal funds under this paragraph, the
21 Administrator shall consider—

22 “(i) the economic conditions affecting
23 the eligible entity;

24 “(ii) the impact a waiver under this
25 paragraph would have on the credibility of

1 the Women’s Business Center Program
2 under this section;

3 “(iii) the demonstrated ability of the
4 eligible entity to raise non-Federal funds;
5 and

6 “(iv) the performance of the eligible
7 entity.

8 “(C) LIMITATION.—The Administrator
9 may not waive the requirement to obtain non-
10 Federal funds under this paragraph if granting
11 the waiver would undermine the credibility of
12 the Women’s Business Center Program.

13 “(10) SOLICITATION.—Notwithstanding any
14 other provision of law, an eligible entity may—

15 “(A) solicit cash and in-kind contributions
16 from private individuals and entities to be used
17 to carry out the activities of the eligible entity
18 under a project conducted under this section;
19 and

20 “(B) use amounts made available by the
21 Administrator under this section for the cost of
22 such solicitation and management of the con-
23 tributions received.

24 “(11) EXCESS NON-FEDERAL DOLLARS.—The
25 amount of non-Federal dollars obtained by an eligi-

1 ble entity that is above the amount that is required
2 to be obtained by the eligible entity under this sub-
3 section shall not be subject to the requirements of
4 part 200 of title 2, Code of Federal Regulations, or
5 any successor thereto, if such amount of non-Fed-
6 eral dollars—

7 “(A) is not used as matching funds for
8 purposes of implementing the Women’s Busi-
9 ness Center Program; and

10 “(B) was not obtained using funds from
11 the Women’s Business Center Program.”.

1 **Subtitle C—SCORE Program**

2 **SEC. 1721 [Log 65135]. SCORE REAUTHORIZATION.**

3 Section 20 of the Small Business Act (15 U.S.C. 631
4 note) is amended—

5 (1) by redesignating subsection (j) as sub-
6 section (f); and

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

9 “(g) SCORE PROGRAM.—There are authorized to be
10 appropriated to the Administrator to carry out the
11 SCORE program authorized by section 8(b)(1) such sums
12 as may be necessary for the Administrator to make grants
13 or enter into cooperative agreements in a total amount
14 that does not exceed \$10,500,000 in each of fiscal years
15 2018 and 2019.”.

1 **SEC. 1722 [Log 65136]. SCORE PROGRAM.**

2 Section 8 of the Small Business Act (15 U.S.C. 637)
3 is amended—

4 (1) in subsection (b)(1)(B), by striking “a Serv-
5 ice Corps of Retired Executives (SCORE)” and in-
6 serting “the SCORE program described in sub-
7 section (c)”; and

8 (2) by striking subsection (c) and inserting the
9 following new subsection:

10 “(c) SCORE PROGRAM.—

11 “(1) DEFINITION.—In this subsection:

12 “(A) SCORE ASSOCIATION.—The term
13 ‘SCORE Association’ means the Service Corps
14 of Retired Executives Association or any suc-
15 cessor or other organization that receives a
16 grant from the Administrator to operate the
17 SCORE program under paragraph (2)(A).

18 “(B) SCORE PROGRAM.—The term
19 ‘SCORE program’ means the SCORE program
20 authorized by subsection (b)(1)(B).

21 “(2) MANAGEMENT AND VOLUNTEERS.—

22 “(A) IN GENERAL.—The Administrator
23 shall provide a grant to the SCORE Association
24 to manage the SCORE program.

25 “(B) VOLUNTEERS.—A volunteer partici-
26 pating in the SCORE program shall—

1 “(i) based on the business experience
2 and knowledge of the volunteer—

3 “(I) provide at no cost to individ-
4 uals who own, or aspire to own, small
5 business concerns personal counseling,
6 mentoring, and coaching relating to
7 the process of starting, expanding,
8 managing, buying, and selling a busi-
9 ness; and

10 “(II) facilitate low-cost edu-
11 cational workshops for individuals who
12 own, or aspire to own, small business
13 concerns; and

14 “(ii) as appropriate, use tools, re-
15 sources, and expertise of other organiza-
16 tions to carry out the SCORE program.

17 “(3) PLANS AND GOALS.—The Administrator,
18 in consultation with the SCORE Association, shall
19 ensure that the SCORE program and each chapter
20 of the SCORE program develop and implement
21 plans and goals to more effectively and efficiently
22 provide services to individuals in rural areas, eco-
23 nomically disadvantaged communities, and other tra-
24 ditionally underserved communities, including plans
25 for electronic initiatives, web-based initiatives, chap-

1 ter expansion, partnerships, and the development of
2 new skills by volunteers participating in the SCORE
3 program.

4 “(4) ANNUAL REPORT.—The SCORE Associa-
5 tion shall submit to the Administrator an annual re-
6 port that contains—

7 “(A) the number of individuals counseled
8 or trained under the SCORE program;

9 “(B) the number of hours of counseling
10 provided under the SCORE program; and

11 “(C) to the extent possible—

12 “(i) the number of small business con-
13 cerns formed with assistance from the
14 SCORE program;

15 “(ii) the number of small business
16 concerns expanded with assistance from
17 the SCORE program; and

18 “(iii) the number of jobs created with
19 assistance from the SCORE program.

20 “(5) PRIVACY REQUIREMENTS.—

21 “(A) IN GENERAL.—Neither the Adminis-
22 trator nor the SCORE Association may disclose
23 the name, address, or telephone number of any
24 individual or small business concern receiving
25 assistance from the SCORE Association with-

1 out the consent of such individual or small busi-
2 ness concern, unless—

3 “(i) the Administrator is ordered to
4 make such a disclosure by a court in any
5 civil or criminal enforcement action initi-
6 ated by a Federal or State agency; or

7 “(ii) the Administrator determines
8 such a disclosure to be necessary for the
9 purpose of conducting a financial audit of
10 the SCORE program, in which case disclo-
11 sure shall be limited to the information
12 necessary for the audit.

13 “(B) ADMINISTRATOR USE OF INFORMA-
14 TION.—This paragraph shall not—

15 “(i) restrict the access of the Adminis-
16 trator to program activity data; or

17 “(ii) prevent the Administrator from
18 using client information to conduct client
19 surveys.

20 “(C) STANDARDS.—

21 “(i) IN GENERAL.—The Administrator
22 shall, after the opportunity for notice and
23 comment, establish standards for—

1 “(I) disclosures with respect to
2 financial audits under subparagraph
3 (A)(ii); and

4 “(II) conducting client surveys,
5 including standards for oversight of
6 the surveys and for dissemination and
7 use of client information.

8 “(ii) MAXIMUM PRIVACY PROTEC-
9 TION.—The standards issued under this
10 subparagraph shall, to the extent prac-
11 ticable, provide for the maximum amount
12 of privacy protection.”.

1 **SEC. 1723 [Log 65138]. ONLINE COMPONENT.**

2 (a) IN GENERAL.—Section 8(c) of the Small Busi-
3 ness Act (15 U.S.C. 637(c)), as amended by this Act, is
4 further amended by adding at the end the following:

5 “(6) ONLINE COMPONENT.—In carrying out
6 this subsection, the SCORE Association shall make
7 use of online counseling, including by developing and
8 implementing webinars and an electronic mentoring
9 platform to expand access to services provided under
10 this subsection and to further support entre-
11 preneurs.”.

12 (b) ONLINE COMPONENT REPORT.—

13 (1) IN GENERAL.—Not later than September
14 30, 2018, the SCORE Association shall issue a re-
15 port to the Committee on Small Business of the
16 House of Representatives and the Committee on
17 Small Business and Entrepreneurship of the Senate
18 on the effectiveness of the electronic mentoring and
19 webinars required as part of the SCORE program,
20 including—

21 (A) how the SCORE Association deter-
22 mines electronic mentoring and webinar needs,
23 develops training for electronic mentoring, es-
24 tablishes webinar curricula, and evaluates
25 webinar and electronic mentoring results;

1 (B) describing the internal controls that
2 are used and a summary of the topics covered
3 by the webinars; and

4 (C) performance metrics, including the
5 number of small business concerns counseled
6 by, the number of small business concerns cre-
7 ated by, the number of jobs created and re-
8 tained by, and the funding amounts directed to-
9 wards such online counseling and webinars.

10 (2) DEFINITIONS.—For purposes of this sub-
11 section, the terms “SCORE Association” and
12 “SCORE program” have the meaning given those
13 terms, respectively, under section 8(c)(1) of the
14 Small Business Act (15 U.S.C. 637(c)(1)).

1 **SEC. 1724 [Log 65140]. STUDY AND REPORT ON THE FUTURE**
2 **ROLE OF THE SCORE PROGRAM.**

3 (a) STUDY.—The SCORE Association shall carry out
4 a study on the future role of the SCORE program and
5 develop a strategic plan for how the SCORE program will
6 evolve to meet the needs of small business concerns over
7 the course of the 5 years following the date of enactment
8 of this Act, with markers and specific objectives for the
9 first, third, and final year of the 5-year period.

10 (b) REPORT.—Not later than the end of the 6-month
11 period beginning on the date of the enactment of this Act,
12 the SCORE Association shall submit a report to the Com-
13 mittee on Small Business of the House of Representatives
14 and the Committee on Small Business and Entrepreneur-
15 ship of the Senate containing—

16 (1) all findings and determination made in car-
17 rying out the study required under subsection (a);

18 (2) the strategic plan developed under sub-
19 section (a);

20 (3) an explanation of how the SCORE Associa-
21 tion plans to achieve the strategic plan, assuming
22 both stagnant and increased funding levels.

23 (c) DEFINITIONS.—For purposes of this section, the
24 terms “SCORE Association” and “SCORE program”
25 have the meaning given those terms, respectively, under

1 section 8(c)(1) of the Small Business Act (15 U.S.C.
2 637(c)(1)).

1 **SEC. 1725 [Log 65195]. TECHNICAL AND CONFORMING**
2 **AMENDMENTS.**

3 (a) **SMALL BUSINESS ACT.**—The Small Business Act
4 (15 U.S.C. 631 et seq.) is amended—

5 (1) in section 7 (15 U.S.C. 636)—

6 (A) in subsection (b)(12)(A), by striking
7 “Service Corps of Retired Executives” and in-
8 serting “SCORE program”; and

9 (B) in subsection (m)(3)(A)(i)(VIII), by
10 striking “Service Corps of Retired Executives”
11 and inserting “SCORE program”;

12 (2) in section 22 (15 U.S.C. 649)—

13 (A) in subsection (b)—

14 (i) in paragraph (1), by striking
15 “Service Corps of Retired Executives” and
16 inserting “SCORE program”; and

17 (ii) in paragraph (3), by striking
18 “Service Corps of Retired Executives” and
19 inserting “SCORE program”; and

20 (B) in subsection (c)(12), by striking
21 “Service Corps of Retired Executives” and in-
22 serting “SCORE program”.

23 (b) **OTHER LAWS.**—

24 (1) **CHILDREN’S HEALTH INSURANCE PROGRAM**
25 **REAUTHORIZATION ACT OF 2009.**—Section 621 of the

1 Children’s Health Insurance Program Reauthoriza-
2 tion Act of 2009 (15 U.S.C. 657p) is amended—

3 (A) in subsection (a), by striking para-
4 graph (4) and inserting the following:

5 “(4) the term ‘SCORE program’ means the
6 SCORE program authorized by section 8(b)(1)(B)
7 of the Small Business Act (15 U.S.C.
8 637(b)(1)(B));”; and

9 (B) in subsection (b)(4)(A)(iv), by striking
10 “Service Corps of Retired Executives” and in-
11 serting “SCORE program”.

12 (2) ENERGY POLICY AND CONSERVATION
13 ACT.—Section 337(d)(2)(A) of the Energy Policy
14 and Conservation Act (42 U.S.C. 6307(d)(2)(A)) is
15 amended by striking “Service Corps of Retired Ex-
16 ecutives (SCORE)” and inserting “SCORE pro-
17 gram”.

1 **Subtitle D—Small Business Devel-**
2 **opment Centers Improvements**

3 **SEC. 1731 [Log 65143]. USE OF AUTHORIZED ENTREPRE-**
4 **NEURIAL DEVELOPMENT PROGRAMS.**

5 The Small Business Act (15 U.S.C. 631 et seq.) is
6 amended—

7 (1) by redesignating section 47 as section 48;
8 and

9 (2) by inserting after section 46 the following
10 new section:

11 **“SEC. 47. USE OF AUTHORIZED ENTREPRENEURIAL DEVEL-**
12 **OPMENT PROGRAMS.**

13 **“(a) EXPANDED SUPPORT FOR ENTREPRENEURS.—**

14 **“(1) IN GENERAL.—**Notwithstanding any other
15 provision of law, the Administrator shall only use
16 the programs authorized in sections 7(j), 7(m), 8(a),
17 8(b)(1), 21, 22, 29, and 32 of this Act, and sections
18 358 and 389 of the Small Business Investment Act
19 of 1958 to deliver entrepreneurial development serv-
20 ices, entrepreneurial education, support for the de-
21 velopment and maintenance of clusters, or business
22 training.

23 **“(2) EXCEPTION.—**This section shall not apply
24 to services provided to assist small business concerns

1 owned by an Indian tribe (as such term is defined
2 in section 8(a)(13)).

3 “(b) ANNUAL REPORT.—Beginning on the first De-
4 cember 1 after the date of the enactment of this sub-
5 section, and annually thereafter, the Administrator shall
6 report to the Committee on Small Business of the House
7 of Representatives and the Committee on Small Business
8 and Entrepreneurship of the Senate on all entrepreneurial
9 development activities undertaken in the current fiscal
10 year. This report shall include—

11 “(1) a description and operating details for
12 each activity;

13 “(2) operating circulars, manuals, and standard
14 operating procedures for each activity;

15 “(3) a description of the process used to award
16 grants under each activity;

17 “(4) a list of all awardees, contractors, and ven-
18 dors (including organization name and location) and
19 the amount of awards for the current fiscal year for
20 each activity;

21 “(5) the amount of funding obligated for the
22 current fiscal year for each activity; and

23 “(6) the names and titles for those individuals
24 responsible for each activity.”.

1 **SEC. 1732 [Log 65144]. MARKETING OF SERVICES.**

2 Section 21 of the Small Business Act (15 U.S.C. 648)
3 is amended by adding at the end the following new sub-
4 section:

5 “(o) NO PROHIBITION OF MARKETING OF SERV-
6 ICES.—The Administrator may not prohibit applicants re-
7 ceiving grants under this section from marketing and ad-
8 vertising their services to individuals and small business
9 concerns.”.

1 **SEC. 1733 [Log 65145]. DATA COLLECTION.**

2 (a) IN GENERAL.—Section 21(a)(3)(A) of the Small
3 Business Act (15 U.S.C. 648(a)(3)(A)) is amended—

4 (1) by striking “as provided in this section
5 and” and inserting “as provided in this section,”;
6 and

7 (2) by inserting before the period at the end the
8 following: “, and (iv) governing data collection ac-
9 tivities related to applicants receiving grants under
10 this section”.

11 (b) ANNUAL REPORT ON DATA COLLECTION.—Sec-
12 tion 21 of the Small Business Act (15 U.S.C. 648), as
13 amended by this Act, is further amended by adding at the
14 end the following new subsection:

15 “(p) ANNUAL REPORT ON DATA COLLECTION.—The
16 Administrator shall report annually to the Committee on
17 Small Business of the House of Representatives and the
18 Committee on Small Business and Entrepreneurship of
19 the Senate on any data collection activities related to the
20 Small Business Development Center Program.”.

21 (c) WORKING GROUP TO IMPROVE DATA COLLEC-
22 TION.—

23 (1) ESTABLISHMENT AND STUDY.—The Admin-
24 istrator of the Small Business Administration shall
25 establish a group to be known as the “Data Collec-
26 tion Working Group” consisting of members from

1 entrepreneurial development grant recipient associa-
2 tions and organizations and Administration officials,
3 to carry out a study to determine the best way to
4 capture data collection and create or revise existing
5 systems dedicated to data collection.

6 (2) REPORT.—Not later than the end of the
7 180-day period beginning on the date of the enact-
8 ment of this Act, the Data Collection Working
9 Group shall submit a report to the Committee on
10 Small Business of the House of Representatives and
11 the Committee on Small Business and Entrepre-
12 neurship of the Senate containing the findings and
13 determinations made in carrying out the study re-
14 quired under paragraph (1), including—

15 (A) recommendations for revising existing
16 data collection practices; and

17 (B) a proposed plan for the Administrator
18 of the Small Business Administration to imple-
19 ment such recommendations.

1 **SEC. 1734 [Log 65146]. FEES FROM PRIVATE PARTNERSHIPS**
2 **AND COSPONSORSHIPS.**

3 Section 21(a)(3) of the Small Business Act (15
4 U.S.C. 648(a)(3)(C)), as amended by this Act, is further
5 amended by adding at the end the following new subpara-
6 graph:

7 “(D) FEES FROM PRIVATE PARTNERSHIPS AND CO-
8 SPONSORSHIPS.—Participation in private partnerships
9 and cosponsorships with the Administration shall not limit
10 small business development centers from collecting fees or
11 other income related to the operation of such private part-
12 nerships and cosponsorships.”.

1 **SEC. 1735 [Log 65156]. EQUITY FOR SMALL BUSINESS DE-**
2 **VELOPMENT CENTERS.**

3 Subclause (I) of section 21(a)(4)(C)(v) of the Small
4 Business Act (15 U.S.C. 648(a)(4)(C)(v)(I)) is amended
5 to read as follows:

6 “(I) IN GENERAL.—Of the
7 amounts made available in any fiscal
8 year to carry out this section, not
9 more than \$600,000 may be used by
10 the Administration to pay expenses
11 described under subparagraphs (B)
12 through (D) of section 20(a)(1).”.

1 **SEC. 1736 [Log 65157]. CONFIDENTIALITY REQUIREMENTS.**

2 Section 21(a)(7)(A) of the Small Business Act (15
3 U.S.C. 648(a)(7)(A)) is amended by inserting after
4 “under this section” the following: “to any State, local,
5 or Federal agency, or to any third party”.

1 **SEC. 1737 [Log 65158]. LIMITATION ON AWARD OF GRANTS**
2 **TO SMALL BUSINESS DEVELOPMENT CEN-**
3 **TERS.**

4 (a) IN GENERAL.—Section 21 of the Small Business
5 Act (15 U.S.C. 648), as amended by this Act, is further
6 amended—

7 (1) in subsection (a)(1), by striking “any wom-
8 en’s business center operating pursuant to section
9 29,”;

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

12 “(q) LIMITATION ON AWARD OF GRANTS.—Except
13 for not-for-profit institutions of higher education, and not-
14 withstanding any other provision of law, the Administrator
15 may not award grants (including contracts and coopera-
16 tive agreements) under this section to any entity other
17 than those that received grants (including contracts and
18 cooperative agreements) under this section prior to the
19 date of the enactment of this subsection, and that seek
20 to renew such grants (including contracts and cooperative
21 agreements) after such date.”.

22 (b) RULE OF CONSTRUCTION.—The amendments
23 made by this section may not be construed as prohibiting
24 a women’s business center from receiving a subgrant from
25 an entity receiving a grant under section 21 of the Small
26 Business Act (15 U.S.C. 648).

1 **Subtitle E—Miscellaneous**

2 **SEC. 1741 [Log 65126]. MODIFICATION OF PAST PERFORM-**
3 **ANCE PILOT PROGRAM TO INCLUDE CONSID-**
4 **ERATION OF PAST PERFORMANCE WITH AL-**
5 **LIES OF THE UNITED STATES.**

6 (a) IN GENERAL.—Section 8(d)(17) of the Small
7 Business Act (15 U.S.C. 637(d)(17)) is amended—

8 (1) in subparagraph (G)—

9 (A) in clause (i), by inserting “and, set
10 forth separately, the number of small business
11 exporters,” after “small business concerns”;
12 and

13 (B) in clause (ii), by inserting “, set forth
14 separately by applications from small business
15 concerns and from small business exporters,”
16 after “applications”; and

17 (2) by amending subparagraph (H) to read as
18 follows:

19 “(H) DEFINITIONS.—In this paragraph—

20 “(i) the term ‘appropriate official’ means—

21 “(I) a commercial market representa-
22 tive;

23 “(II) another individual designated by
24 the senior official appointed by the Admin-

1 istrator with responsibilities under sections
2 8, 15, 31, and 36; or

3 “**(III)** the Office of Small and Dis-
4 advantaged Business Utilization of a Fed-
5 eral agency, if the head of the Federal
6 agency and the Administrator agree;

7 “(ii) the term ‘defense item’ has the mean-
8 ing given that term in section 38(j)(4)(A) of the
9 Arms Export Control Act (22 U.S.C.
10 2778(j)(4)(A));

11 “(iii) the term ‘major non-NATO ally’
12 means a country designated as a major non-
13 NATO ally under section 517 of the Foreign
14 Assistance Act of 1961 (22 U.S.C. 2321k);

15 “(iv) the term ‘past performance’ includes
16 performance of a contract for a sale of defense
17 items (under section 38 of the Arms Export
18 Control Act (22 U.S.C. 2778)) to the govern-
19 ment of a member nation of North Atlantic
20 Treaty Organization, the government of a
21 major non-NATO ally, or the government of a
22 country with which the United States has a de-
23 fense cooperation agreement (as certified by the
24 Secretary of State); and

1 “(v) the term ‘small business exporter’
2 means a small business concern that exports de-
3 fense items under section 38 of the Arms Ex-
4 port Control Act (22 U.S.C. 2778) to the gov-
5 ernment of a member nation of the North At-
6 lantic Treaty Organization, the government of a
7 major non-NATO ally, or the government of a
8 country with which the United States has a de-
9 fense cooperation agreement (as certified by the
10 Secretary of State).”.

11 (b) TECHNICAL AMENDMENT.—Section 8(d)(17)(A)
12 of the Small Business Act (15 U.S.C. 637(d)(17)(A)) is
13 amended by striking “paragraph 13(A)” and inserting
14 “paragraph (13)(A)”.

1 **Subtitle A—National Security**
2 **Programs Authorizations**

3 **SEC. 3101.**Log 64901 NATIONAL NUCLEAR SECURITY ADMIN-
4 **ISTRATION.**

5 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
6 are hereby authorized to be appropriated to the Depart-
7 ment of Energy for fiscal year 2018 for the activities of
8 the National Nuclear Security Administration in carrying
9 out programs as specified in the funding table in division
10 D.

11 (b) AUTHORIZATION OF NEW PLANT PROJECTS.—
12 From funds referred to in subsection (a) that are available
13 for carrying out plant projects, the Secretary of Energy
14 may carry out new plant projects for the National Nuclear
15 Security Administration as follows:

16 Project 18–D–150, Surplus Plutonium Disposi-
17 tion, Savannah River Site, Aiken, South Carolina,
18 \$9,000,000.

19 Project 18–D–620, Exascale Computing Facility
20 Modernization Project, Lawrence Livermore Na-
21 tional Laboratory, Livermore, California,
22 \$3,000,000.

23 Project 18–D–650, Tritium Production Capa-
24 bility, Savannah River Site, Aiken, South Carolina,
25 \$6,800,000.

1 Project 18–D–660, Fire Station, Y–12 National
2 Security Complex, Oak Ridge, Tennessee,
3 \$28,000,000.

4 Project 18–D–670, Exascale Class Computer
5 Cooling Equipment, Los Alamos National Labora-
6 tory, Los Alamos, New Mexico, \$22,000,000.

7 Project 18–D–680, Material Staging Facility,
8 Pantex Plant, Amarillo, Texas, \$5,200,000.

9 Project 18–D–920, KL Fuel Development Lab-
10 oratory, Knolls Atomic Power Laboratory, Schenec-
11 tady, New York, \$1,000,000.

12 Project 18–D–921, KS Overhead Piping, Kes-
13 selring Site, West Milton, New York, \$6,688,000.

14 Project 18–D–922, BL Component Test Com-
15 plex, Bettis Atomic Power Laboratory, West Mifflin,
16 Pennsylvania, \$3,000,000.

1 **SEC. 3102.Log 64902 DEFENSE ENVIRONMENTAL CLEANUP.**

2 (a) IN GENERAL.—Funds are hereby authorized to
3 be appropriated to the Department of Energy for fiscal
4 year 2018 for defense environmental cleanup activities in
5 carrying out programs as specified in the funding table
6 in division D.

7 (b) AUTHORIZATION OF NEW PLANT PROJECTS.—
8 From funds referred to in subsection (a) that are available
9 for carrying out plant projects, the Secretary of Energy
10 may carry out new plant projects for the National Nuclear
11 Security Administration as follows:

12 Project 18-D-401, Saltstone Disposal Units #8
13 and #9, Savannah River Site, Aiken, South Caro-
14 lina, \$500,000.

15 Project 18-D-402, Emergency Operations Cen-
16 ter Replacement, Savannah River Site, Aiken, South
17 Carolina, \$500,000.

18 Project 18-D-404, Modification of Waste En-
19 capsulation and Storage Facility, Hanford Site,
20 Richland, Washington, \$6,500,000.

1 **SEC. 3103.Log 64903 OTHER DEFENSE ACTIVITIES.**

2 Funds are hereby authorized to be appropriated to
3 the Department of Energy for fiscal year 2018 for other
4 defense activities in carrying out programs as specified in
5 the funding table in division D.

1 **SEC. 3104.Log 64904 NUCLEAR ENERGY.**

2 Funds are hereby authorized to be appropriated to
3 the Department of Energy for fiscal year 2018 for nuclear
4 energy as specified in the funding table in division D.

1 **Subtitle B—Program Authoriza-**
2 **tions, Restrictions, and Limita-**
3 **tions**

4 **SEC. 3111.Log 64912 NUCLEAR SECURITY ENTERPRISE IN-**
5 **FRASTRUCTURE RECAPITALIZATION AND RE-**
6 **PAIR.**

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

8 (1) On September 7, 2016, during testimony
9 before the Subcommittee on Strategic Forces of the
10 Committee on Armed Services of the House of Rep-
11 resentatives—

12 (A) the Administrator for Nuclear Secu-
13 rity, Frank Klotz, said—

14 (i) “Our infrastructure is extensive,
15 complex, and, in many critical areas, sev-
16 eral decades old. More than half of
17 NNSA’s approximately 6,000 real property
18 assets are over 40 years old, and nearly 30
19 percent date back to the Manhattan
20 Project era. Many of the enterprise’s crit-
21 ical utility, safety, and support systems are
22 failing at an increasing and unpredictable
23 rate, which poses both programmatic and
24 safety risk.”; and

1 (ii) “I can think of no greater threat
2 to the nuclear security enterprise than the
3 state of NNSA’s infrastructure.”;

4 (B) the President and Chief Executive Of-
5 ficer of Consolidated Nuclear Security, Morgan
6 Smith, said, “Many key facilities at both
7 [Pantex and Y-12] were constructed in the
8 1940s and were intended to operate for as little
9 as one decade. Many facilities and their sup-
10 porting infrastructure have exceeded or far ex-
11 ceeded their expected life, and major systems
12 within the facilities are beginning to fail.”; and

13 (C) the Director of Los Alamos National
14 Laboratory, Dr. Charlie McMillan, said, “One
15 of the things that keeps me up at night is the
16 realization that essential capabilities are held at
17 risk by the possibility of such failures; in many
18 cases, our enterprise has a single point of fail-
19 ure.”.

20 (2) In a letter sent on December 23, 2015, by
21 the Secretary of Energy, Ernest Moniz, to the Direc-
22 tor of the Office of Management and Budget, Shaun
23 Donovan, the Secretary said, “A majority of the Na-
24 tional Nuclear Security Administration’s (NNSA) fa-
25 cilities and systems are well beyond end-of-life. . .

1 Infrastructure problems such as falling ceilings are
2 increasing in frequency and severity, unacceptably
3 risking the safety and security of both personnel and
4 material at NNSA facilities, as well as in some in-
5 stances, potential offsite risks. The entire complex
6 could be placed at risk if there is a single failure
7 where a single point would disrupt a critical link in
8 infrastructure.”.

9 (3) The Nuclear Posture Review published in
10 April 2010 stated that “In order to sustain a safe,
11 secure, and effective U.S. nuclear stockpile as long
12 as nuclear weapons exist, the United States must
13 possess a modern physical infrastructure. . . To-
14 day’s nuclear complex, however, has fallen into ne-
15 glect. Although substantial science, technology, and
16 engineering investments were made over the last
17 decade under the auspices of the Stockpile Steward-
18 ship Program, the complex still includes many over-
19 sized and costly-to maintain facilities built during
20 the 1940s and 1950s. Some facilities needed for
21 working with plutonium and uranium date back to
22 the Manhattan Project. Safety, security, and envi-
23 ronmental issues associated with these aging facili-
24 ties are mounting, as are the costs of addressing
25 them.”.

1 (4) In 2009, the bipartisan Congressional Com-
2 mission on the Strategic Posture of the United
3 States established by section 1062 of the National
4 Defense Authorization for Fiscal Year 2008 (Public
5 Law 110–181; 122 Stat. 319) stated, with regards
6 to key production facilities, that “existing facilities
7 are genuinely decrepit and are maintained in a safe
8 and secure manner only at high cost”.

9 (5) Previous efforts to address the deferred
10 maintenance and repair challenges within the nu-
11 clear security enterprise, such as the Facilities In-
12 frastructure and Recapitalization Program and the
13 recent halt in the growth of backlog metrics, are
14 laudable but insufficient for the magnitude of the
15 problem.

16 (6) Recent figures provided by the Adminis-
17 trator for Nuclear Security estimate the backlog of
18 deferred maintenance and repair needs of the nu-
19 clear security enterprise to be approximately
20 \$3,700,000,000.

21 (b) FACILITIES AND INFRASTRUCTURE RECAPITAL-
22 IZATION AND REPAIR PROGRAM.—

23 (1) ESTABLISHMENT.—Not later than 30 days
24 after the date of the enactment of this Act, the Ad-
25 ministrator for Nuclear Security shall establish and

1 carry out a program known as the Facilities and In-
2 frastructure Recapitalization and Repair Program to
3 reduce the backlog of deferred maintenance and re-
4 pair needs of the nuclear security enterprise (as de-
5 fined in section 4002(6) of the Atomic Energy De-
6 fense Act (50 U.S.C. 2501(6)). The Administrator
7 shall ensure that, by not later than five years after
8 the date of the enactment of this Act, the program
9 achieves the goal of reducing such backlog of de-
10 ferred maintenance and repair needs by 50 percent.

11 (2) AUTHORITIES.—

12 (A) PROCESS.—

13 (i) IN GENERAL.—The Secretary of
14 Energy shall provide to the Administrator
15 a process that will enhance or streamline
16 the ability of the Administrator to carry
17 out the program under paragraph (1) in
18 an efficient and effective manner, including
19 with respect to—

20 (I) the demolition or construction
21 of non-nuclear facilities of the Admin-
22 istration that have a total estimated
23 project cost of less than
24 \$100,000,000; and

1 (II) the decontamination, decom-
2 missioning, and demolition (to be per-
3 formed in accordance with applicable
4 health and safety standards used by
5 the Defense Environmental Cleanup
6 Program) of process-contaminated fa-
7 cilities of the Administration that
8 have a total estimated project cost of
9 less than \$50,000,000.

10 (ii) FUNDING.—Clause (i) may be car-
11 ried out using amounts authorized to be
12 appropriated for fiscal year 2018 or any
13 subsequent fiscal year.

14 (B) APPLICATION OF CERTAIN REQUIRE-
15 MENTS.—For purposes of the Management Pro-
16 cedures Memorandum 2015–01 of the Office of
17 Management and Budget, or such successor
18 memorandum, in carrying out the program
19 under paragraph (1), the Administrator may—

20 (i) perform new construction during a
21 fiscal year that differs from the fiscal year
22 of corresponding facility demolition;

23 (ii) perform demolition of different fa-
24 cility category codes and have that demoli-
25 tion credit count towards the construction

1 of new facilities with a different facility
2 category code; and

3 (iii) have the net reduction in infra-
4 structure footprint for the five fiscal years
5 prior to the date of the enactment of this
6 Act, and the demolition during the five fis-
7 cal years following such date of enactment,
8 considered as a factor for the purpose of
9 meeting the intent of such memorandum.

10 (3) PLAN.—Together with the budget of the
11 President submitted to Congress under section
12 1105(a) of title 31, United States Code, for fiscal
13 year 2019, the Secretary and the Administrator
14 shall jointly submit to the Committees on Armed
15 Services of the House of Representatives and the
16 Senate a plan to carry out the program under para-
17 graph (1) to achieve the goal specified in such para-
18 graph. Such plan shall include—

19 (A) the funding required to carry out the
20 program during the period covered by the fu-
21 ture-years nuclear security program under sec-
22 tion 3253 of the National Nuclear Security Ad-
23 ministration Act (50 U.S.C. 2453);

1 (B) the criteria for selecting and
2 prioritizing projects within the program under
3 paragraph (1);

4 (C) mechanisms for ensuring the robust
5 management and oversight of such projects;

6 (D) a description of the process provided
7 to the Administrator to carry out the program
8 pursuant to paragraph (2)(A);

9 (E) a description of any legislative actions
10 the Secretary recommends to further enhance
11 or streamline authorities or processes relating
12 to the program; and

13 (F) a certification by the Secretary that
14 such budget will enable the program to meet
15 the goal specified in paragraph (1).

16 (4) TERMINATION.—The Administrator shall
17 terminate the program under paragraph (1) on the
18 date that is five years after the date of the enact-
19 ment of this Act.

20 (c) INCLUSION IN BIENNIAL DETAILED REPORT.—
21 Section 4203(d)(4) of the Atomic Energy Defense Act (50
22 U.S.C. 2523) is amended—

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

1 (2) in subparagraph (C), by striking the period
2 at the end and inserting “; and”; and

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

5 “(D)(i) a description of—

6 “(I) the metrics (based on industry
7 best practices) used by the Administrator
8 to determine the infrastructure deferred
9 maintenance and repair needs of the nu-
10 clear security enterprise; and

11 “(II) the percentage of replacement
12 plant value being spent on maintenance
13 and repair needs of the nuclear security
14 enterprise; and

15 “(ii) an explanation of whether the annual
16 spending on such needs complies with the rec-
17 ommendation of the National Research Council
18 of the National Academies of Sciences, Engi-
19 neering, and Medicine that such spending be in
20 an amount equal to four percent of the replace-
21 ment plant value, and, if not, the reasons for
22 such noncompliance and a plan for how the Ad-
23 ministrator will ensure facilities of the nuclear
24 security enterprise are being properly sus-
25 tained.”.

1 (d) REQUIREMENTS RELATING TO CRITICAL DECI-
2 SIONS.—

3 (1) IN GENERAL.—Subtitle A of title XLVII of
4 the Atomic Energy Defense Act (50 U.S.C. 2741 et
5 seq.) is amended by adding at the end the following
6 new section:

7 **“SEC. 4715. MATTERS RELATING TO CRITICAL DECISIONS.**

8 “(a) POST-CRITICAL DECISION 2 CHANGES.—After
9 the date on which a plant project specifically authorized
10 by law achieves critical decision 2, the Administrator may
11 not change the requirements for such project if such
12 change increases the scope, schedule, or budget of such
13 project unless—

14 “(1) the Administrator submits to the congres-
15 sional defense committees—

16 “(A) a certification that the Administrator,
17 without delegation, authorizes such proposed
18 change; and

19 “(B) a cost-benefit and risk analysis of
20 such proposed change, including with respect
21 to—

22 “(i) the effects of such proposed
23 change on the project cost and schedule;
24 and

1 “(ii) any mission risks and operational
2 risks from making such change or not
3 making such change; and

4 “(2) a period of 15 days elapses following the
5 date of such submission.

6 “(b) REVIEW AND APPROVAL.—The Administrator
7 shall ensure that critical decision packages are timely re-
8 viewed and either approved or disapproved.”.

9 (2) CLERICAL AMENDMENT.—The table of con-
10 tents at the beginning of such Act is amended by in-
11 serting after the item relating to section 4714 the
12 following new item:

 “Sec. 4715. Matters relating to critical decisions.”.

13 (e) SENSE OF CONGRESS.—It is the sense of Con-
14 gress that—

15 (1) the nuclear security enterprise, comprised of
16 the infrastructure and capabilities of the laboratories
17 and plants coupled with the dedicated and talented
18 scientists, engineers, technicians, and administrators
19 who form the backbone of the enterprise, are a cen-
20 tral component of the nuclear deterrent of the
21 United States;

22 (2) if left unaddressed, the state of the infra-
23 structure within the nuclear security enterprise rep-
24 resents a direct, long-term threat to the credibility
25 of the nuclear deterrent of the United States;

1 (3) both Congress and the President must take
2 strong, sustained action to recapitalize and repair
3 this infrastructure;

4 (4) the Administrator must continue to carry
5 out expeditious demolition of old facilities of the Ad-
6 ministration to reduce long-term costs and improve
7 safety; and

8 (5) each budget of the President submitted to
9 Congress under section 1105(a) of title 31, United
10 States Code, for fiscal year 2019 and each fiscal
11 year thereafter during the life of the program estab-
12 lished pursuant to subsection (b)(1) should include
13 funding in an amount sufficient to carry out the
14 program to achieve the goal specified in such sub-
15 section.

1 **SEC. 3113.Log 65385 COST ESTIMATES FOR LIFE EXTENSION**
2 **PROGRAM AND MAJOR ALTERATION**
3 **PROJECTS.**

4 Subsection (b) of section 4217 of the Atomic Energy
5 Defense Act (50 U.S.C. 2537(b)) is amended to read as
6 follows:

7 “(b) INDEPENDENT COST ESTIMATES AND RE-
8 VIEWS.—(1) The Secretary, acting through the Adminis-
9 trator, shall submit to the congressional defense commit-
10 tees and the Nuclear Weapons Council the following:

11 “(A) An independent cost estimate of the fol-
12 lowing:

13 “(i) Each nuclear weapon system under-
14 going life extension at the completion of phase
15 6.2A, relating to design definition and cost
16 study.

17 “(ii) Each nuclear weapon system under-
18 going life extension at the completion of phase
19 6.3, relating to development engineering.

20 “(iii) Each nuclear weapon system under-
21 going life extension at the completion of phase
22 6.4, relating to production engineering, and be-
23 fore the initiation of phase 6.5, relating to first
24 production.

25 “(iv) Each new nuclear facility within the
26 nuclear security enterprise that is estimated to

1 cost more than \$500,000,000 before such facil-
2 ity achieves critical decision 1 and before such
3 facility achieves critical decision 2 in the acqui-
4 sition process.

5 “(v) Each nuclear weapons system under-
6 going a major alteration project (as defined in
7 section 2753(a)(2) of this title).

8 “(B) An independent cost review of each nu-
9 clear weapon system undergoing life extension at the
10 completion of phase 6.2, relating to study of feasi-
11 bility and down-select.

12 “(2) Each independent cost estimate and independent
13 cost review under paragraph (1) shall include—

14 “(A) whether the cost baseline or the budget es-
15 timate for the period covered by the future-years nu-
16 clear security program has changed, and the ration-
17 ale for any such change; and

18 “(B) any views of the Secretary or the Adminis-
19 trator regarding such estimate or review.

20 “(3) The Administrator shall review and consider the
21 results of any independent cost estimate or independent
22 cost review of a nuclear weapon system or a nuclear facil-
23 ity, as the case may be, under this subsection before enter-
24 ing the next phase of the development process of such sys-
25 tem or the acquisition process of such facility.

1 “(4) Each independent cost estimate or independent
2 cost review of a nuclear weapon system or a nuclear facil-
3 ity, as the case may be, under this subsection shall be sub-
4 mitted not later than 30 days after the date on which—
5 “(A) such system completes a phase specified in
6 paragraph (1); or
7 “(B) such facility achieves critical decision 1 as
8 specified in subparagraph (A)(iv) of such paragraph.
9 “(5) Each independent cost estimate or independent
10 cost review submitted under this subsection shall be sub-
11 mitted in unclassified form, but may include a classified
12 annex if necessary.”.

1 **SEC. 3116.**Log 64924 **RESEARCH AND DEVELOPMENT OF AD-**
2 **VANCED NAVAL REACTOR FUEL BASED ON**
3 **LOW-ENRICHED URANIUM.**

4 (a) PROHIBITION ON AVAILABILITY OF FUNDS FOR
5 FISCAL YEAR 2018.—

6 (1) RESEARCH AND DEVELOPMENT.—Except as
7 provided by paragraph (2), none of the funds au-
8 thorized to be appropriated by this Act or otherwise
9 made available for fiscal year 2018 for the Depart-
10 ment of Energy or the Department of Defense may
11 be obligated or expended to plan or carry out re-
12 search and development of an advanced naval nu-
13 clear fuel system based on low-enriched uranium.

14 (2) EXCEPTION.—Of the funds authorized to be
15 appropriated by this Act or otherwise made available
16 for fiscal year 2018 for defense nuclear nonprolifera-
17 tion, as specified in the funding table in division
18 D—

19 (A) \$5,000,000 shall be made available to
20 the Deputy Administrator for Naval Reactors of
21 the National Nuclear Security Administration
22 for low-enriched uranium activities (including
23 downblending of high-enriched uranium fuel
24 into low-enriched uranium fuel, research and
25 development using low-enriched uranium fuel,
26 or the modification or procurement of equip-

1 ment and infrastructure related to such activi-
2 ties) to develop an advanced naval nuclear fuel
3 system based on low-enriched uranium; and

4 (B) if the Secretary of Energy and the
5 Secretary of the Navy determine under section
6 3118(c)(1) of the National Defense Authoriza-
7 tion Act for Fiscal Year 2016 (Public Law
8 114–92; 129 Stat. 1196) that such low-enriched
9 uranium activities and research and develop-
10 ment should continue, an additional
11 \$30,000,000 may be made available to the Dep-
12 uty Administrator for such purpose.

13 (b) PROHIBITION ON AVAILABILITY OF FUNDS RE-
14 GARDING CERTAIN ACCOUNTS AND PURPOSES.—

15 (1) RESEARCH AND DEVELOPMENT AND PRO-
16 CUREMENT.—Chapter 633 of title 10, United States
17 Code, is amended by adding at the end the following
18 new section:

19 “**§ 7319. Requirements for availability of funds relat-**
20 **ing to advanced naval nuclear fuel sys-**
21 **tems based on low-enriched uranium**

22 “(a) AUTHORIZATION.—Low-enriched uranium ac-
23 tivities may only be carried out using funds authorized to
24 be appropriated or otherwise made available for the De-

1 partment of Energy for atomic energy defense activities
2 for defense nuclear nonproliferation.

3 “(b) PROHIBITION REGARDING CERTAIN AC-
4 COUNTS.—(1) None of the funds described in paragraph
5 (2) may be obligated or expended to carry out low-enriched
6 uranium activities.

7 “(2) The funds described in this paragraph are funds
8 authorized to be appropriated or otherwise made available
9 for any fiscal year for any of the following accounts:

10 “(A) Shipbuilding and conversion, Navy, or any
11 other account of the Department of Defense.

12 “(B) Any account within the atomic energy de-
13 fense activities of the Department of Energy other
14 than defense nuclear nonproliferation, as specified in
15 subsection (a).

16 “(3) The prohibition in paragraph (1) may not be su-
17 perseded except by a provision of law that specifically su-
18 persedes, repeals, or modifies this section. A provision of
19 law, including a table incorporated into an Act, that ap-
20 propriates funds described in paragraph (2) for low-en-
21 riched uranium activities may not be treated as specifically
22 superseding this section unless such provision specifically
23 cites to this section.

1 “(c) LOW-ENRICHED URANIUM ACTIVITIES DE-
2 FINED.—In this section, the term ‘low-enriched uranium
3 activities’ means the following:

4 “(1) Planning or carrying out research and de-
5 velopment of an advanced naval nuclear fuel system
6 based on low-enriched uranium.

7 “(2) Procuring ships that use low-enriched ura-
8 nium in naval nuclear propulsion reactors.”.

9 (2) CLERICAL AMENDMENT.—The table of sec-
10 tions at the beginning of such chapter is amended
11 by adding at the end the following new item:

“7319. Requirements for availability of funds relating to advanced naval nuclear
fuel systems based on low-enriched uranium”.

12 (c) REPORTS.—

13 (1) SSN(X) SUBMARINE.—Not later than 180
14 days after the date of the enactment of this Act, the
15 Secretary of the Navy and the Deputy Administrator
16 for Naval Reactors shall jointly submit to the Com-
17 mittees on Armed Services of the House of Rep-
18 resentatives and the Senate a report on the cost and
19 timeline required to assess the feasibility, costs, and
20 requirements for a design of the Virginia-class re-
21 placement nuclear attack submarine that would
22 allow for the use of a low-enriched uranium fueled
23 reactor, if technically feasible, without changing the
24 diameter of the submarine.

1 (2) RESEARCH AND DEVELOPMENT.—Not later
2 than 60 days after the date of the enactment of this
3 Act, the Deputy Administrator for Naval Reactors
4 shall submit to the Committees on Armed Services
5 of the House of Representatives and the Senate a
6 report on—

7 (A) the planned research and development
8 activities on low-enriched uranium and highly
9 enriched uranium fuel that could apply to the
10 development of a low-enriched uranium fuel or
11 an advanced highly enriched uranium fuel; and

12 (B) with respect to such activities for each
13 such fuel—

14 (i) the costs associated with such ac-
15 tivities; and

16 (ii) a detailed proposal for funding
17 such activities.

1 **SEC. 3118.Log 64935 NATIONAL NUCLEAR SECURITY ADMIN-**
2 **ISTRATION PAY AND PERFORMANCE SYSTEM.**

3 (a) PAY BANDING AND PERFORMANCE-BASED PAY
4 ADJUSTMENT DEMONSTRATION PROJECT.—

5 (1) EXTENSION.—The Administrator for Nu-
6 clear Security shall carry out the demonstration
7 project until the date that is five years after the date
8 of the enactment of this Act. The Administrator
9 shall carry out such project in accordance with the
10 demonstration project plan, including with respect to
11 the authority of the Administrator to modify such
12 system pursuant to such plan and waiving certain
13 authorities or requirements under such plan.

14 (2) NAVAL NUCLEAR PROPULSION PROGRAM.—
15 The Deputy Administrator for Naval Reactors may
16 carry out the demonstration project with respect to
17 the employees of the Naval Nuclear Propulsion Pro-
18 gram in positions in the competitive service.

19 (3) ROTATIONS.—In carrying out the dem-
20 onstration project, the Administrator shall authorize,
21 and establish incentives for, employees of the Na-
22 tional Nuclear Security Administration to have rota-
23 tional assignments among different programs of the
24 Administration, the headquarters and field offices of
25 the Administration, and the management and oper-
26 ating contractors of the Administration.

1 (4) REQUIREMENTS FOR SENIOR-LEVEL POSI-
2 TIONS.—The Administrator shall establish require-
3 ments for employees of the Administration who are
4 in the demonstration project to be promoted to sen-
5 ior-level positions in the Administration, including
6 requirements with respect to—

7 (A) professional training and continuing
8 education; and

9 (B) a certain number and types of rota-
10 tional assignments under paragraph (3), as de-
11 termined by the Administrator.

12 (5) DEFINITIONS.—In this subsection:

13 (A) The term “demonstration project”
14 means the National Nuclear Security Adminis-
15 tration Pay Banding and Performance-Based
16 Pay Adjustment Demonstration Project that is
17 carried out—

18 (i) pursuant to section 4703 of title 5,
19 United States Code; and

20 (ii) in accordance with the demonstra-
21 tion project plan and this subsection.

22 (B) The term “demonstration project
23 plan” means the demonstration project plan
24 published in the Federal Register on December
25 21, 2007 (72 Fed. Reg. 72,776).

1 (b) ROTATIONS FOR CERTAIN CONTRACTORS.—

2 (1) INCREASED USE.—The Administrator for
3 Nuclear Security shall increase the use of rotational
4 assignments of employees of the management and
5 operating contractors of the National Nuclear Secu-
6 rity Administration to the headquarters of the Ad-
7 ministration, the Department of Defense and the
8 military departments, the intelligence community,
9 and other departments and agencies of the Federal
10 Government.

11 (2) METHODS.—The Administrator shall carry
12 out paragraph (1) by—

13 (A) establishing incentives for—

14 (i) the management and operating
15 contractors of the Administration and the
16 employees of such contractors to partici-
17 pate in rotational assignments; and

18 (ii) the departments and agencies of
19 the Federal Government specified in such
20 paragraph to facilitate such assignments;

21 (B) providing professional and leadership
22 development opportunities during such assign-
23 ments;

24 (C) using details and other applicable au-
25 thorities and programs, including the mobility

1 program under subchapter VI of chapter 33 of
2 title 5, United States Code (commonly referred
3 to as the “Intergovernmental Personnel Act
4 Mobility Program”); and

5 (D) taking such other actions as the Ad-
6 ministrator determines appropriate to increase
7 the use of such rotational assignments.

8 (c) RED-TEAM ANALYSIS.—

9 (1) ANALYSIS.—The Director for Cost Esti-
10 mating and Program Evaluation of the National Nu-
11 clear Security Administration shall carry out a red-
12 team analysis of the Federal employee staffing
13 structure of the Administration with respect to the
14 Administrator for Nuclear Security meeting the au-
15 thorized personnel levels under section 3241A of the
16 National Nuclear Security Administration Act (50
17 U.S.C. 22441a).

18 (2) MATTERS INCLUDED.—The analysis under
19 paragraph (1) shall include assessments of—

20 (A) the number of Federal employees with-
21 in each program of the Administration, and
22 whether such numbers are appropriately bal-
23 anced with respect to the size, scope, functions,
24 budgets, and risks, of the program; and

1 (B) the number of Senior Executive Serv-
2 ice positions within the Administration, includ-
3 ing a comparison of such number to other com-
4 parable departments and agencies of the Fed-
5 eral Government, and whether such number is
6 appropriate.

7 (d) BRIEFINGS.—

8 (1) IN GENERAL.—Not later than 180 days
9 after the date of the enactment of this Act—

10 (A) the Administrator for Nuclear Security
11 shall provide a briefing to the appropriate con-
12 gressional committees on the implementation
13 of—

14 (i) section 3248 of the National Nu-
15 clear Security Administration Act, as
16 added by subsection (a); and

17 (ii) subsection (b); and

18 (B) the Director for Cost Estimating and
19 Program Evaluation shall provide to such com-
20 mittees a briefing on the analysis under sub-
21 section (c).

22 (2) APPROPRIATE CONGRESSIONAL COMMIT-
23 TEES DEFINED.—In this subsection, the term “ap-
24 propriate congressional committees” means—

- 1 (A) the Committees on Armed Services of
- 2 the House of Representatives and the Senate;
- 3 (B) the Committee on Energy and Com-
- 4 merce of the House of Representatives;
- 5 (C) the Committee on Energy and Natural
- 6 Resources of the Senate; and
- 7 (D) the Committee on Oversight and Gov-
- 8 ernment Reform of the House of Representa-
- 9 tives.

1 **SEC. 3119.log 65829. DISPOSITION OF WEAPONS-USABLE**
2 **PLUTONIUM.**

3 (a) IN GENERAL.—Subject to subsection (b), the Sec-
4 retary of Energy shall carry out construction and project
5 support activities relating to the MOX facility using funds
6 authorized to be appropriated by this Act or otherwise
7 made available for fiscal year 2018 for the National Nu-
8 clear Security Administration for the MOX facility for
9 construction and project support activities.

10 (b) WAIVER.—The Secretary of Energy may waive
11 the requirement in subsection (a) if the Secretary submits
12 to the Committees on Armed Services of the House of
13 Representatives and the Senate the following:

14 (1) The matters required by section 3116(b)(3)
15 of the National Defense Authorization Act for Fiscal
16 Year 2017 (Public Law 114–328; 130 Stat. 2761).

17 (2) Notification that the Secretary has sought
18 to enter into consultations with any relevant State
19 necessary to pursue an alternative option for car-
20 rying out the plutonium disposition program.

21 (3) Notification that the Secretary has been un-
22 able to enter into a fixed-price contract with the
23 prime contractor of the MOX facility (for construc-
24 tion and project support activities under subsection
25 (a)) that the Secretary determines sufficiently mini-
26 mizes risk and cost to the Department of Energy.

1 (4) Certification that—

2 (A) an alternative option for carrying out
3 the plutonium disposition program exists;

4 (B) the total lifecycle cost of such alter-
5 native option would be less than approximately
6 half of the estimated remaining total lifecycle
7 cost of the mixed-oxide fuel program; and

8 (C) pursuing such alternative option is in
9 the best interest of the Federal Government.

10 (5) The commitment of the Secretary to—

11 (A) remove plutonium from South Caro-
12 lina; and

13 (B) ensure a sustainable future for the Sa-
14 vannah River Site.

15 (c) DEFINITIONS.—In this section:

16 (1) The term “MOX facility” means the mixed-
17 oxide fuel fabrication facility at the Savannah River
18 Site, Aiken, South Carolina.

19 (2) The term “project support activities” means
20 activities that support the design, long-lead equip-
21 ment procurement, and site preparation of the MOX
22 facility.

1 **SEC. 4001 [Log 65137]. AUTHORIZATION OF AMOUNTS IN**
2 **FUNDING TABLES.**

3 (a) **IN GENERAL.**—Whenever a funding table in this
4 division specifies a dollar amount authorized for a project,
5 program, or activity, the obligation and expenditure of the
6 specified dollar amount for the project, program, or activ-
7 ity is hereby authorized, subject to the availability of ap-
8 propriations.

9 (b) **MERIT-BASED DECISIONS.**—A decision to com-
10 mit, obligate, or expend funds with or to a specific entity
11 on the basis of a dollar amount authorized pursuant to
12 subsection (a) shall—

13 (1) be based on merit-based selection proce-
14 dures in accordance with the requirements of sec-
15 tions 2304(k) and 2374 of title 10, United States
16 Code, or on competitive procedures; and

17 (2) comply with other applicable provisions of
18 law.

19 (c) **RELATIONSHIP TO TRANSFER AND PROGRAM-**
20 **MING AUTHORITY.**—An amount specified in the funding
21 tables in this division may be transferred or repro-
22 grammed under a transfer or reprogramming authority
23 provided by another provision of this Act or by other law.
24 The transfer or reprogramming of an amount specified in
25 such funding tables shall not count against a ceiling on
26 such transfers or reprogrammings under section 1001 or

1 section 1512 of this Act or any other provision of law,
2 unless such transfer or reprogramming would move funds
3 between appropriation accounts.

4 (d) APPLICABILITY TO CLASSIFIED ANNEX.—This
5 section applies to any classified annex that accompanies
6 this Act.

7 (e) ORAL AND WRITTEN COMMUNICATIONS.—No
8 oral or written communication concerning any amount
9 specified in the funding tables in this division shall super-
10 sede the requirements of this section.

1 **TITLE XLI—PROCUREMENT**

2 **SEC. 4101. PROCUREMENT.**

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
AIRCRAFT PROCUREMENT, ARMY			
FIXED WING			
002	UTILITY F/W AIRCRAFT	75,115	75,115
004	MQ-1 UAV	30,206	90,206
	Unfunded requirement		[60,000]
ROTARY			
005	HELICOPTER, LIGHT UTILITY (LUH)	108,383	108,383
006	AH-64 APACHE BLOCK IIIA REMAN	725,976	725,976
007	ADVANCE PROCUREMENT (CY)	170,910	170,910
008	AH-64 APACHE BLOCK HIB NEW BUILD	374,100	648,500
	Unfunded requirement		[274,400]
009	ADVANCE PROCUREMENT (CY)	71,900	71,900
010	UH-60 BLACKHAWK M MODEL (MYP)	938,308	1,224,710
	Unfunded requirement—additional 15 for ARNG		[100,000]
	Unfunded requirement—UH-60M ECPs		[186,402]
011	ADVANCE PROCUREMENT (CY)	86,295	86,295
012	UH-60 BLACK HAWK A AND L MODELS	76,516	93,216
	Unfunded requirement—UH-60Vs		[16,700]
013	CH-47 HELICOPTER	202,576	557,076
	Emergent requirements—additional 9 CH-47F Block I		[108,000]
	Unfunded requirement—additional 4 MH-47Gs		[246,500]
014	ADVANCE PROCUREMENT (CY)	17,820	17,820
MODIFICATION OF AIRCRAFT			
015	MQ-1 PAYLOAD (MIP)	5,910	29,910
	Realign European Reassurance Initiative to Base		[8,000]
	Unfunded requirement		[16,000]
016	UNIVERSAL GROUND CONTROL EQUIPMENT (UAS)	15,000	15,000
017	GRAY EAGLE MODS2	74,291	74,291
018	MULTI SENSOR ABN RECON (MIP)	68,812	127,762
	Realign European Reassurance Initiative to Base		[29,475]
	Unfunded requirement		[29,475]
019	AH-64 MODS	238,141	382,941
	Unfunded requirement		[144,800]
020	CH-47 CARGO HELICOPTER MODS (MYP)	20,166	81,166
	Unfunded requirement		[61,000]
021	GRCS SEMA MODS (MIP)	5,514	5,514
022	ARL SEMA MODS (MIP)	11,650	11,650
023	EMARSS SEMA MODS (MIP)	15,279	15,279
024	UTILITY/CARGO AIRPLANE MODS	57,737	57,737
025	UTILITY HELICOPTER MODS	5,900	5,900
026	NETWORK AND MISSION PLAN	142,102	142,102
027	COMMS, NAV SURVEILLANCE	166,050	207,630
	Unfunded requirement—ARC-201D encrypted radios		[41,580]
028	GATM ROLLUP	37,403	37,403
029	RQ-7 UAV MODS	83,160	194,160
	Unfunded requirement		[111,000]
030	UAS MODS	26,109	26,429
	Unfunded requirement		[320]
GROUND SUPPORT AVIONICS			
031	AIRCRAFT SURVIVABILITY EQUIPMENT	70,913	70,913
032	SURVIVABILITY CM	5,884	5,884
033	CMWS	26,825	26,825
034	COMMON INFRARED COUNTERMEASURES (CIRCM)	6,337	6,337
OTHER SUPPORT			
035	AVIONICS SUPPORT EQUIPMENT	7,038	7,038
036	COMMON GROUND EQUIPMENT	47,404	56,304
	Unfunded requirement—grow the Army		[1,800]
	Unfunded requirement—Non destructive test equip		[7,100]
037	AIRCREW INTEGRATED SYSTEMS	47,066	47,066
038	AIR TRAFFIC CONTROL	83,790	84,905
	Unfunded requirement		[1,115]
039	INDUSTRIAL FACILITIES	1,397	1,397
040	LAUNCHER, 2.75 ROCKET	1,911	1,911
	TOTAL AIRCRAFT PROCUREMENT, ARMY	4,149,894	5,593,561
MISSILE PROCUREMENT, ARMY			
SURFACE-TO-AIR MISSILE SYSTEM			
001	LOWER TIER AIR AND MISSILE DEFENSE (AMD)	140,826	140,826
002	MSE MISSILE	459,040	459,040
003	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I	57,742	57,742
AIR-TO-SURFACE MISSILE SYSTEM			
005	HELLFIRE SYS SUMMARY	94,790	94,790

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
006	JOINT AIR-TO-GROUND MSLS (JAGM)	178,432	178,432
	ANTI-TANK/ASSAULT MISSILE SYS		
008	JAVELIN (AAWS-M) SYSTEM SUMMARY	110,123	118,235
	Realign European Reassurance Initiative to Base		[8,112]
009	TOW 2 SYSTEM SUMMARY	85,851	89,758
	Realign European Reassurance Initiative to Base		[3,907]
010	ADVANCE PROCUREMENT (CY)	19,949	19,949
011	GUIDED MLRS ROCKET (GMLRS)	595,182	593,882
	Program reduction—unit cost savings		[-2,800]
	Unfunded requirement—training devices		[1,500]
012	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	28,321	28,321
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)		476,728
	Realign European Reassurance Initiative to Base		[41,000]
	Unfunded requirement—ERI		[197,000]
	Unfunded requirement—grow the Army		[238,728]
	MODIFICATIONS		
015	PATRIOT MODS	329,073	329,073
016	ATACMS MODS	116,040	116,040
017	GMLRS MOD	531	531
018	STINGER MODS	63,090	91,090
	Realign European Reassurance Initiative to Base		[28,000]
019	AVENGER MODS	62,931	62,931
020	ITAS/TOW MODS	3,500	3,500
021	MLRS MODS	138,235	187,035
	Unfunded requirement		[48,800]
022	HIMARS MODIFICATIONS	9,566	9,566
	SPARES AND REPAIR PARTS		
023	SPARES AND REPAIR PARTS	18,915	18,915
	SUPPORT EQUIPMENT & FACILITIES		
024	AIR DEFENSE TARGETS	5,728	5,728
026	PRODUCTION BASE SUPPORT	1,189	1,189
	TOTAL MISSILE PROCUREMENT, ARMY	2,519,054	3,083,301
	PROCUREMENT OF W&TCV, ARMY		
	TRACKED COMBAT VEHICLES		
001	BRADLEY PROGRAM		200,000
	Realign European Reassurance Initiative to Base		[200,000]
002	ARMORED MULTI PURPOSE VEHICLE (AMPV)	193,715	447,618
	Realign European Reassurance Initiative to Base		[253,903]
	MODIFICATION OF TRACKED COMBAT VEHICLES		
004	STRYKER (MOD)	97,552	97,552
005	STRYKER UPGRADE		348,000
	Unfunded requirement – completes 4th DVH SBCT		[348,000]
006	BRADLEY PROGRAM (MOD)	444,851	585,851
	Realign European Reassurance Initiative to Base		[30,000]
	Unfunded requirement		[111,000]
007	M109 FOV MODIFICATIONS	64,230	64,230
008	PALADIN INTEGRATED MANAGEMENT (PIM)	646,413	772,149
	Realign European Reassurance Initiative to Base		[125,736]
009	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	72,402	194,402
	Unfunded requirement		[122,000]
010	ASSAULT BRIDGE (MOD)	5,855	5,855
011	ASSAULT BREACHER VEHICLE	34,221	64,221
	Unfunded requirement		[30,000]
012	M88 FOV MODS	4,826	4,826
013	JOINT ASSAULT BRIDGE	128,350	128,350
014	M1 ABRAMS TANK (MOD)	248,826	558,526
	Realign European Reassurance Initiative to Base		[138,700]
	Unfunded requirement		[171,000]
015	ABRAMS UPGRADE PROGRAM	275,000	1,092,800
	Realign European Reassurance Initiative to Base		[442,800]
	Unfunded requirement		[375,000]
	WEAPONS & OTHER COMBAT VEHICLES		
018	M240 MEDIUM MACHINE GUN (7.62MM)	1,992	3,292
	Unfunded requirement		[1,300]
019	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPONS	6,520	58,520
	Unfunded requirement		[52,000]
020	MORTAR SYSTEMS	21,452	34,552
	Unfunded requirement—120mm mortars		[13,100]
021	XM320 GRENADE LAUNCHER MODULE (GLM)	4,524	5,324
	Unfunded requirement		[800]
023	CARBINE	43,150	51,150
	Unfunded requirement		[5,000]
	Unfunded requirement—grow the Army		[3,000]
024	COMMON REMOTELY OPERATED WEAPONS STATION	750	10,750
	Unfunded requirement—modifications		[10,000]
025	HANDGUN	8,326	8,726
	Unfunded requirement		[400]

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
MOD OF WEAPONS AND OTHER COMBAT VEH			
026	MK-19 GRENADE MACHINE GUN MODS	2,000	2,000
027	M777 MODS	3,985	89,785
	Unfunded requirement		[85,800]
028	M4 CARBINE MODS	31,315	31,315
029	M2 50 CAL MACHINE GUN MODS	47,414	52,414
	Unfunded requirement—accessories		[2,600]
	Unfunded requirement—M2A1 machine guns		[2,400]
030	M249 SAW MACHINE GUN MODS	3,339	3,339
031	M240 MEDIUM MACHINE GUN MODS	4,577	11,177
	Unfunded requirement—accessories		[1,000]
	Unfunded requirement—M240Ls		[5,600]
032	SNIPER RIFLES MODIFICATIONS	1,488	1,488
033	M119 MODIFICATIONS	12,678	12,678
034	MORTAR MODIFICATION	3,998	3,998
035	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)	2,219	2,219
SUPPORT EQUIPMENT & FACILITIES			
036	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	5,075	7,775
	Unfunded requirement		[2,700]
037	PRODUCTION BASE SUPPORT (WOCV-WTCV)	992	992
039	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG)	1,573	1,573
UNDISTRIBUTED			
042	UNDISTRIBUTED		1,200
	Security Force Assistance Brigade		[1,200]
	TOTAL PROCUREMENT OF W&TCV, ARMY	2,423,608	4,958,647
PROCUREMENT OF AMMUNITION, ARMY			
SMALL/MEDIUM CAL AMMUNITION			
001	CTG, 5.56MM, ALL TYPES	39,767	39,767
002	CTG, 7.62MM, ALL TYPES	46,804	46,804
003	CTG, HANDGUN, ALL TYPES	10,413	10,418
	Realign European Reassurance Initiative to Base		[5]
004	CTG, .50 CAL, ALL TYPES	62,837	62,958
	Realign European Reassurance Initiative to Base		[121]
005	CTG, 20MM, ALL TYPES	8,208	8,208
006	CTG, 25MM, ALL TYPES	8,640	8,640
007	CTG, 30MM, ALL TYPES	76,850	101,850
	Realign European Reassurance Initiative to Base		[25,000]
008	CTG, 40MM, ALL TYPES	108,189	108,189
MORTAR AMMUNITION			
009	60MM MORTAR, ALL TYPES	57,359	57,359
010	81MM MORTAR, ALL TYPES	49,471	49,471
011	120MM MORTAR, ALL TYPES	91,528	91,528
TANK AMMUNITION			
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES	133,500	133,500
ARTILLERY AMMUNITION			
013	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES	44,200	44,200
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES	187,149	187,149
015	PROJ 155MM EXTENDED RANGE M982	49,000	251,545
	Realign European Reassurance Initiative to Base		[19,045]
	Unfunded requirement		[183,500]
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	83,046	99,724
	Realign European Reassurance Initiative to Base		[16,678]
MINES			
017	MINES & CLEARING CHARGES, ALL TYPES	3,942	15,557
	Realign European Reassurance Initiative to Base		[11,615]
ROCKETS			
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	5,000	5,000
020	ROCKET, HYDRA 70, ALL TYPES	161,155	161,155
OTHER AMMUNITION			
021	CAD/PAD, ALL TYPES	7,441	7,441
022	DEMOLITION MUNITIONS, ALL TYPES	19,345	19,345
023	GRENADES, ALL TYPES	22,759	22,759
024	SIGNALS, ALL TYPES	2,583	2,583
025	SIMULATORS, ALL TYPES	13,084	13,084
MISCELLANEOUS			
026	AMMO COMPONENTS, ALL TYPES	12,237	12,237
027	NON-LETHAL AMMUNITION, ALL TYPES	1,500	1,500
028	ITEMS LESS THAN \$5 MILLION (AMMO)	10,730	10,730
029	AMMUNITION PECULIAR EQUIPMENT	16,425	16,425
030	FIRST DESTINATION TRANSPORTATION (AMMO)	15,221	15,221
PRODUCTION BASE SUPPORT			
032	INDUSTRIAL FACILITIES	329,356	429,356
	Unfunded requirement		[100,000]
033	CONVENTIONAL MUNITIONS DEMILITARIZATION	197,825	197,825
034	ARMS INITIATIVE	3,719	3,719
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	1,879,283	2,235,247

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
OTHER PROCUREMENT, ARMY			
TACTICAL VEHICLES			
001	TACTICAL TRAILERS/DOLLY SETS	9,716	9,716
002	SEMITRAILERS, FLATBED:	14,151	36,151
	Unfunded requirement—additional M872s		[22,000]
003	AMBULANCE, 4 LITTER, 5/4 TON, 4X4	53,000	87,792
	Unfunded requirement		[34,792]
004	GROUND MOBILITY VEHICLES (GMV)	40,935	40,935
006	JOINT LIGHT TACTICAL VEHICLE	804,440	804,440
007	TRUCK, DUMP, 20T (CCE)	967	967
008	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	78,650	241,944
	Unfunded requirement—FMTVs		[154,100]
	Unfunded requirement—trailers		[9,194]
009	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP	19,404	19,404
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	81,656	114,658
	Realign European Reassurance Initiative to Base		[25,874]
	Unfunded requirement—forward repair systems		[7,128]
011	PLS ESP	7,129	59,729
	Unfunded requirement		[52,600]
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV		150,878
	Realign European Reassurance Initiative to Base		[38,628]
	Unfunded requirement		[112,250]
013	TACTICAL WHEELED VEHICLE PROTECTION KITS	43,040	43,040
014	MODIFICATION OF IN SVC EQUIP	83,940	89,470
	Realign European Reassurance Initiative to Base		[2,599]
	Unfunded requirement—CTE equipment		[2,931]
NON-TACTICAL VEHICLES			
016	HEAVY ARMORED SEDAN	269	269
017	PASSENGER CARRYING VEHICLES	1,320	1,320
018	NONTACTICAL VEHICLES, OTHER	6,964	6,964
COMM—JOINT COMMUNICATIONS			
019	WIN-T—GROUND FORCES TACTICAL NETWORK	420,492	420,492
020	SIGNAL MODERNIZATION PROGRAM	92,718	92,718
021	TACTICAL NETWORK TECHNOLOGY MOD IN SVC	150,497	227,997
	Program reduction		[-10,000]
	Unfunded requirement		[87,500]
022	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY	6,065	6,065
023	JCSE EQUIPMENT (USREDCOM)	5,051	5,051
COMM—SATELLITE COMMUNICATIONS			
024	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS	161,383	161,383
025	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	62,600	62,600
026	SHF TERM	11,622	11,622
028	SMART-T (SPACE)	6,799	6,799
029	GLOBAL BRDCST SVC—GBS	7,065	7,065
031	ENROUTE MISSION COMMAND (EMC)	21,667	21,667
COMM—COMBAT SUPPORT COMM			
033	MOD-IN-SERVICE PROFILER	70	70
COMM—C3 SYSTEM			
034	ARMY GLOBAL CMD & CONTROL SYS (AGCCS)	2,658	2,658
COMM—COMBAT COMMUNICATIONS			
036	HANDHELD MANPACK SMALL FORM FIT (HMS)	355,351	363,760
	Unfunded requirement		[8,409]
037	MID-TIER NETWORKING VEHICULAR RADIO (MNVR)	25,100	25,100
038	RADIO TERMINAL SET, MIDS LVT(2)	11,160	11,160
040	TRACTOR DESK	2,041	2,041
041	TRACTOR RIDE	5,534	13,734
	Unfunded requirement		[8,200]
042	SPIDER APLA REMOTE CONTROL UNIT	996	996
043	SPIDER FAMILY OF NETWORKED MUNITIONS INCR	4,500	6,858
	Unfunded requirement		[2,358]
045	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM	4,411	4,411
046	UNIFIED COMMAND SUITE	15,275	15,275
047	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	15,964	16,725
	Unfunded requirement		[761]
COMM—INTELLIGENCE COMM			
049	CI AUTOMATION ARCHITECTURE	9,560	9,560
050	DEFENSE MILITARY DECEPTION INITIATIVE	4,030	4,030
INFORMATION SECURITY			
054	COMMUNICATIONS SECURITY (COMSEC)	107,804	130,667
	Unfunded Requirement		[22,863]
055	DEFENSIVE CYBER OPERATIONS	53,436	61,436
	Unfunded Requirement		[8,000]
056	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO	690	690
057	PERSISTENT CYBER TRAINING ENVIRONMENT	4,000	4,000
COMM—LONG HAUL COMMUNICATIONS			
058	BASE SUPPORT COMMUNICATIONS	43,751	51,290
	Unfunded requirement—first responder communication equipment		[7,539]
COMM—BASE COMMUNICATIONS			

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
059	INFORMATION SYSTEMS	118,101	118,101
060	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	4,490	4,490
061	HOME STATION MISSION COMMAND CENTERS (HSMCC)	20,050	20,050
062	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	186,251	188,751
	Realign European Reassurance Initiative to Base		[2,500]
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
065	JTT/CIBS-M	12,154	19,754
	Unfunded requirement		[7,600]
068	DCGS-A (MIP)	274,782	295,494
	Unfunded requirement		[20,712]
070	TROJAN (MIP)	16,052	35,212
	Realign European Reassurance Initiative to Base		[6,000]
	Unfunded requirement		[13,160]
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	51,034	51,034
072	CI HUMINT AUTO REPRTING AND COLL(CHARCS)	7,815	7,815
073	CLOSE ACCESS TARGET RECONNAISSANCE (CATR)	8,050	8,050
074	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM-M	567	567
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
076	LIGHTWEIGHT COUNTER MORTAR RADAR	20,459	20,459
077	EW PLANNING & MANAGEMENT TOOLS (EWPMT)	5,805	5,805
078	AIR VIGILANCE (AV)	5,348	5,348
081	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	469	6,369
	Realign European Reassurance Initiative to Base		[5,900]
082	CI MODERNIZATION	285	285
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
083	SENTINEL MODS	28,491	100,491
	Unfunded requirement		[72,000]
084	NIGHT VISION DEVICES	166,493	229,389
	Unfunded requirement—grow the Army		[47,147]
	Unfunded requirement—LTLM enhancement		[15,749]
085	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	13,947	13,947
087	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	21,380	456,003
	Unfunded requirement—Air and Missile Defense (SHORAD)		[434,623]
088	FAMILY OF WEAPON SIGHTS (FWS)	59,105	59,105
089	ARTILLERY ACCURACY EQUIP	2,129	2,129
091	JOINT BATTLE COMMAND—PLATFORM (JBC-P)	282,549	344,949
	Realign European Reassurance Initiative to Base		[2,300]
	Unfunded requirement		[60,100]
092	JOINT EFFECTS TARGETING SYSTEM (JETS)	48,664	48,664
093	MOD OF IN-SVC EQUIP (LLDR)	5,198	9,172
	Realign European Reassurance Initiative to Base		[3,974]
094	COMPUTER BALLISTICS: LHMCB XM32	8,117	8,117
095	MORTAR FIRE CONTROL SYSTEM	31,813	47,588
	Realign European Reassurance Initiative to Base		[75]
	Unfunded requirement		[15,700]
096	COUNTERFIRE RADARS	329,057	393,257
	Unfunded requirement		[64,200]
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
097	FIRE SUPPORT C2 FAMILY	8,700	13,458
	Unfunded requirement		[4,758]
098	AIR & MSL DEFENSE PLANNING & CONTROL SYS	26,635	132,713
	Realign European Reassurance Initiative to Base		[9,100]
	Unfunded requirement		[96,978]
100	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	1,992	1,992
101	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	15,179	15,179
102	MANEUVER CONTROL SYSTEM (MCS)	132,572	137,174
	Unfunded requirement		[4,602]
103	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A)	37,201	37,201
104	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP)	16,140	16,140
105	RECONNAISSANCE AND SURVEYING INSTRUMENT SET	6,093	20,848
	Unfunded requirement		[14,755]
106	MOD OF IN-SVC EQUIPMENT (ENFIRE)	1,134	1,134
	ELECT EQUIP—AUTOMATION		
107	ARMY TRAINING MODERNIZATION	11,575	11,575
108	AUTOMATED DATA PROCESSING EQUIP	91,983	91,983
109	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM	4,465	4,465
110	HIGH PERF COMPUTING MOD PGM (HPCMP)	66,363	66,363
111	CONTRACT WRITING SYSTEM	1,001	1,001
112	RESERVE COMPONENT AUTOMATION SYS (RCAS)	26,183	26,183
	ELECT EQUIP—AUDIO VISUAL SYS (A/V)		
113	TACTICAL DIGITAL MEDIA	4,441	4,441
114	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT)	3,414	16,414
	Unfunded requirement		[10,000]
	Unfunded requirement—global positioning system		[3,000]
	ELECT EQUIP—SUPPORT		
115	PRODUCTION BASE SUPPORT (C-E)	499	499
116	BCT EMERGING TECHNOLOGIES	25,050	25,050
	CLASSIFIED PROGRAMS		

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
116A	CLASSIFIED PROGRAMS	4,819	4,819
	CHEMICAL DEFENSIVE EQUIPMENT		
117	PROTECTIVE SYSTEMS	1,613	1,613
118	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	9,696	23,696
	Unfunded Requirement		[14,000]
120	CBRN DEFENSE	11,110	11,110
	BRIDGING EQUIPMENT		
121	TACTICAL BRIDGING	16,610	16,610
122	TACTICAL BRIDGE, FLOAT-RIBBON	21,761	43,761
	Unfunded requirement		[22,000]
124	COMMON BRIDGE TRANSPORTER (CBT) RECAP	21,046	61,446
	Unfunded requirement		[40,400]
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
125	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST	5,000	17,800
	Unfunded requirement—grow the Army		[5,600]
	Unfunded requirement—PSS-14Cs		[7,200]
126	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)	32,442	32,442
127	AREA MINE DETECTION SYSTEM (AMDS)	10,571	10,571
128	HUSKY MOUNTED DETECTION SYSTEM (HMDS)	21,695	21,695
129	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS)	4,516	19,616
	Unfunded requirement—M160s		[15,100]
130	EOD ROBOTICS SYSTEMS RECAPITALIZATION	10,073	15,073
	Unfunded requiremet		[5,000]
131	ROBOTICS AND APPLIQUE SYSTEMS	3,000	3,000
133	REMOTE DEMOLITION SYSTEMS	5,847	7,039
	Unfunded requirement—radio frequency remote activated munitions		[1,192]
134	< \$5M. COUNTERMINE EQUIPMENT	1,530	1,530
135	FAMILY OF BOATS AND MOTORS	4,302	12,302
	Unfunded requirement		[8,000]
	COMBAT SERVICE SUPPORT EQUIPMENT		
136	HEATERS AND ECU'S	7,405	16,461
	Unfunded requirement		[9,056]
137	SOLDIER ENHANCEMENT	1,095	1,095
138	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	5,390	5,390
139	GROUND SOLDIER SYSTEM	38,219	42,808
	Unfunded requirement		[4,589]
140	MOBILE SOLDIER POWER	10,456	12,018
	Unfunded requirement		[1,562]
141	FORCE PROVIDER		13,850
	Unfunded requirement		[13,850]
142	FIELD FEEDING EQUIPMENT	15,340	29,740
	Unfunded requirement		[14,400]
143	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	30,607	30,607
144	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS	10,426	18,900
	Unfunded requirement		[8,474]
	PETROLEUM EQUIPMENT		
146	QUALITY SURVEILLANCE EQUIPMENT	6,903	6,903
147	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	47,597	47,597
	MEDICAL EQUIPMENT		
148	COMBAT SUPPORT MEDICAL	43,343	66,262
	Realign European Reassurance Initiative to Base		[21,122]
	Unfunded requirement		[1,797]
	MAINTENANCE EQUIPMENT		
149	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	33,774	48,194
	Realign European Reassurance Initiative to Base		[1,124]
	Unfunded requirement—metal working and machine shop sets		[13,296]
150	ITEMS LESS THAN \$5.0M (MAINT EQ)	2,728	3,682
	Unfunded requirement		[954]
	CONSTRUCTION EQUIPMENT		
151	GRADER, ROAD MTZD, HVY, 6X4 (CCE)	989	15,719
	Unfunded requirement		[14,730]
152	SCRAPERS, EARTHMOVING	11,180	11,180
154	TRACTOR, FULL TRACKED		48,679
	Unfunded requirement—T9 Dozers		[48,679]
155	ALL TERRAIN CRANES	8,935	11,935
	Unfunded requiremnt		[3,000]
157	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	64,339	84,899
	Unfunded requirement		[20,560]
158	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP	2,563	2,563
160	CONST EQUIP ESP	19,032	26,032
	Unfunded requirement—Engineer Mission Modules and Vibratory Rollers		[7,000]
161	ITEMS LESS THAN \$5.0M (CONST EQUIP)	6,899	11,911
	Unfunded requirement—water well drill systems		[5,012]
	RAIL FLOAT CONTAINERIZATION EQUIPMENT		
162	ARMY WATERCRAFT ESP	20,110	20,110
163	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	2,877	2,877
	GENERATORS		
164	GENERATORS AND ASSOCIATED EQUIP	115,635	132,845

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
	Unfunded requirement		[17,210]
165	TACTICAL ELECTRIC POWER RECAPITALIZATION	7,436	7,436
	MATERIAL HANDLING EQUIPMENT		
166	FAMILY OF FORKLIFTS	9,000	10,635
	Unfunded requirement		[1,635]
	TRAINING EQUIPMENT		
167	COMBAT TRAINING CENTERS SUPPORT	88,888	126,638
	Unfunded requirement		[37,750]
168	TRAINING DEVICES, NONSYSTEM	285,989	288,689
	Realign European Reassurance Initiative to Base		[2,700]
169	CLOSE COMBAT TACTICAL TRAINER	45,718	45,718
170	AVIATION COMBINED ARMS TACTICAL TRAINER	30,568	30,568
171	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	5,406	16,906
	Unfunded requirement—SVCT systems		[11,500]
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
172	CALIBRATION SETS EQUIPMENT	5,564	5,564
173	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	30,144	37,644
	Realign European Reassurance Initiative to Base		[7,500]
174	TEST EQUIPMENT MODERNIZATION (TEMOD)	7,771	7,771
	OTHER SUPPORT EQUIPMENT		
175	M25 STABILIZED BINOCULAR	3,956	3,956
176	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	5,000	5,000
177	PHYSICAL SECURITY SYSTEMS (OPA3)	60,047	60,047
178	BASE LEVEL COMMON EQUIPMENT	13,239	13,239
179	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	60,192	99,432
	Unfunded requirement—EOD Technician Tool Kits		[29,240]
	Unfunded requirement—Rapidly Emplaced Bridge System Arctic Kit Technical Manual (TM) update.		[2,000]
	Unfunded requirement—Service Life Extension Program for the VOLCANO system.		[8,000]
180	PRODUCTION BASE SUPPORT (OTH)	2,271	2,271
181	SPECIAL EQUIPMENT FOR USER TESTING	5,319	5,319
182	TRACTOR YARD	5,935	5,935
	OPA2		
184	INITIAL SPARES—C&E	38,269	38,269
	UNDISTRIBUTED		
185	UNDISTRIBUTED		56,000
	Security Force Assistance Brigade		[56,000]
	TOTAL OTHER PROCUREMENT, ARMY	6,469,331	8,463,222
	JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND		
	NETWORK ATTACK		
001	RAPID ACQUISITION AND THREAT RESPONSE	14,442	14,442
	TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND	14,442	14,442
	AIRCRAFT PROCUREMENT, NAVY		
	COMBAT AIRCRAFT		
002	F/A-18E/F (FIGHTER) HORNET	1,200,146	1,791,346
	Unfunded Requirement		[591,200]
003	ADVANCE PROCUREMENT (CY)	52,971	52,971
004	JOINT STRIKE FIGHTER CV	582,324	1,102,324
	Unfunded Requirement—Marine Corps		[260,000]
	Unfunded Requirement—Navy		[260,000]
005	ADVANCE PROCUREMENT (CY)	263,112	263,112
006	JSP STOVL	2,398,139	2,860,739
	Unfunded Requirement		[462,600]
007	ADVANCE PROCUREMENT (CY)	413,450	413,450
008	CH-53K (HEAVY LIFT)	567,605	567,605
009	ADVANCE PROCUREMENT (CY)	147,046	147,046
010	V-22 (MEDIUM LIFT)	677,404	1,028,904
	Multiyear procurement contract savings		[-25,000]
	Unfunded Requirement		[376,500]
011	ADVANCE PROCUREMENT (CY)	27,422	27,422
012	H-1 UPGRADES (UH-1Y/AH-1Z)	678,429	829,429
	Unfunded requirement - additional AH-1Zs		[157,500]
	Unit cost savings		[-6,500]
013	ADVANCE PROCUREMENT (CY)	42,082	42,082
016	P-8A POSEIDON	1,245,251	1,751,751
	P-8A		[506,500]
017	ADVANCE PROCUREMENT (CY)	140,333	123,333
	Excess to need		[-17,000]
018	E-2D ADV HAWKEYE	733,910	925,710
	E-2D		[201,800]
	Excessive growth		[-10,000]
019	ADVANCE PROCUREMENT (CY)	102,026	102,026
	OTHER AIRCRAFT		
022	KC-130J	129,577	484,877
	KC-130J		[355,300]

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
023	ADVANCE PROCUREMENT (CY)	25,497	25,497
024	MQ-4 TRITON	522,126	517,126
	Excess cost growth		[-5,000]
025	ADVANCE PROCUREMENT (CY)	57,266	57,266
026	MQ-8 UAV	49,472	49,472
027	STUASLO UAV	880	880
	MODIFICATION OF AIRCRAFT		
030	AEA SYSTEMS	52,960	52,960
031	AV-8 SERIES	43,555	43,555
032	ADVERSARY	2,565	2,565
033	F-18 SERIES	1,043,661	1,076,211
	Unfunded requirement—ALQ-214 Retrofits		[32,550]
034	H-53 SERIES	38,712	38,712
035	SH-60 SERIES	95,333	95,333
036	H-1 SERIES	101,886	101,886
037	EP-3 SERIES	7,231	7,231
038	P-3 SERIES	700	700
039	E-2 SERIES	97,563	97,563
040	TRAINER A/C SERIES	8,184	8,184
041	C-2A	18,673	18,673
042	C-130 SERIES	83,541	83,541
043	FEWSG	630	630
044	CARGO/TRANSPORT A/C SERIES	10,075	10,075
045	E-6 SERIES	223,508	223,508
046	EXECUTIVE HELICOPTERS SERIES	38,787	38,787
047	SPECIAL PROJECT AIRCRAFT	8,304	8,304
048	T-45 SERIES	148,071	148,071
049	POWER PLANT CHANGES	19,827	19,827
050	JPATS SERIES	27,007	27,007
051	COMMON ECM EQUIPMENT	146,642	146,642
052	COMMON AVIONICS CHANGES	123,507	123,507
053	COMMON DEFENSIVE WEAPON SYSTEM	2,317	2,317
054	ID SYSTEMS	49,524	49,524
055	P-8 SERIES	18,665	18,665
056	MAGTF EW FOR AVIATION	10,111	10,111
057	MQ-8 SERIES	32,361	32,361
059	V-22 (TILT/ROTOR ACFT) OSPREY	228,321	228,321
060	F-35 STOVL SERIES	34,963	34,963
061	F-35 CV SERIES	31,689	31,689
062	QRC	24,766	24,766
063	MQ-4 SERIES	39,996	39,996
	AIRCRAFT SPARES AND REPAIR PARTS		
064	SPARES AND REPAIR PARTS	1,681,914	1,882,514
	Additional F-35 Initial Spares		[32,600]
	Unfunded requirement		[168,000]
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
065	COMMON GROUND EQUIPMENT	388,052	405,552
	Unfunded requirement—F-18C/D H12C Training Systems for USMC		[17,500]
066	AIRCRAFT INDUSTRIAL FACILITIES	24,613	24,613
067	WAR CONSUMABLES	39,614	39,614
068	OTHER PRODUCTION CHARGES	1,463	1,463
069	SPECIAL SUPPORT EQUIPMENT	48,500	48,500
070	FIRST DESTINATION TRANSPORTATION	1,976	1,976
	TOTAL AIRCRAFT PROCUREMENT, NAVY	15,056,235	18,414,785
	WEAPONS PROCUREMENT, NAVY		
	MODIFICATION OF MISSILES		
001	TRIDENT II MODS	1,143,595	1,143,595
	SUPPORT EQUIPMENT & FACILITIES		
002	MISSILE INDUSTRIAL FACILITIES	7,086	7,086
	STRATEGIC MISSILES		
003	TOMAHAWK	134,375	134,375
	TACTICAL MISSILES		
004	AMRAAM	197,109	197,109
005	SIDEWINDER	79,692	79,692
006	JSOW	5,487	5,487
007	STANDARD MISSILE	510,875	510,875
008	SMALL DIAMETER BOMB II	20,968	20,968
009	RAM	58,587	106,587
	RAM BLK II		[48,000]
010	JOINT AIR GROUND MISSILE (JAGM)	3,789	3,789
013	STAND OFF PRECISION GUIDED MUNITIONS (SOPGM)	3,122	3,122
014	AERIAL TARGETS	124,757	124,757
015	OTHER MISSILE SUPPORT	3,420	3,420
016	LRASM	74,733	74,733
	MODIFICATION OF MISSILES		
017	ESSM	74,524	74,524
019	HARPOON MODS	17,300	17,300

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
020	HARM MODS	183,368	183,368
021	STANDARD MISSILES MODS	11,729	11,729
SUPPORT EQUIPMENT & FACILITIES			
022	WEAPONS INDUSTRIAL FACILITIES	4,021	4,021
023	FLEET SATELLITE COMM FOLLOW-ON	46,357	46,357
ORDNANCE SUPPORT EQUIPMENT			
025	ORDNANCE SUPPORT EQUIPMENT	47,159	47,159
TORPEDOES AND RELATED EQUIP			
026	SSTD	5,240	5,240
027	MK-48 TORPEDO	44,771	70,971
	MK 48 HWT		[26,200]
028	ASW TARGETS	12,399	12,399
MOD OF TORPEDOES AND RELATED EQUIP			
029	MK-54 TORPEDO MODS	104,044	104,044
030	MK-48 TORPEDO ADCAP MODS	38,954	38,954
031	QUICKSTRIKE MINE	10,337	10,337
SUPPORT EQUIPMENT			
032	TORPEDO SUPPORT EQUIPMENT	70,383	70,383
033	ASW RANGE SUPPORT	3,864	3,864
DESTINATION TRANSPORTATION			
034	FIRST DESTINATION TRANSPORTATION	3,961	3,961
GUNS AND GUN MOUNTS			
035	SMALL ARMS AND WEAPONS	11,332	11,332
MODIFICATION OF GUNS AND GUN MOUNTS			
036	CIWS MODS	72,698	72,698
037	COAST GUARD WEAPONS	38,931	38,931
038	GUN MOUNT MODS	76,025	76,025
039	LCS MODULE WEAPONS	13,110	13,110
040	CRUISER MODERNIZATION WEAPONS	34,825	34,825
041	AIRBORNE MINE NEUTRALIZATION SYSTEMS	16,925	16,925
SPARES AND REPAIR PARTS			
043	SPARES AND REPAIR PARTS	110,255	110,255
	TOTAL WEAPONS PROCUREMENT, NAVY	3,420,107	3,494,307
PROCUREMENT OF AMMO, NAVY & MC			
NAVY AMMUNITION			
001	GENERAL PURPOSE BOMBS	34,882	34,882
002	JDAM	57,343	57,343
003	AIRBORNE ROCKETS, ALL TYPES	79,318	79,318
004	MACHINE GUN AMMUNITION	14,112	14,112
005	PRACTICE BOMBS	47,027	47,027
006	CARTRIDGES & CART ACTUATED DEVICES	57,718	57,718
007	AIR EXPENDABLE COUNTERMEASURES	65,908	65,908
008	JATOS	2,895	2,895
010	5 INCH/54 GUN AMMUNITION	22,112	22,112
011	INTERMEDIATE CALIBER GUN AMMUNITION	12,804	12,804
012	OTHER SHIP GUN AMMUNITION	41,594	41,594
013	SMALL ARMS & LANDING PARTY AMMO	49,401	49,401
014	PYROTECHNIC AND DEMOLITION	9,495	9,495
016	AMMUNITION LESS THAN \$5 MILLION	3,080	3,080
MARINE CORPS AMMUNITION			
020	MORTARS	24,118	24,118
023	DIRECT SUPPORT MUNITIONS	64,045	64,045
024	INFANTRY WEAPONS AMMUNITION	91,456	91,456
029	COMBAT SUPPORT MUNITIONS	11,788	11,788
032	AMMO MODERNIZATION	17,862	17,862
033	ARTILLERY MUNITIONS	79,427	79,427
034	ITEMS LESS THAN \$5 MILLION	5,960	5,960
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	792,345	792,345
SHIPBUILDING AND CONVERSION, NAVY			
FLEET BALLISTIC MISSILE SHIPS			
001	ADVANCE PROCUREMENT (CY)	842,853	842,853
OTHER WARSHIPS			
002	CARRIER REPLACEMENT PROGRAM	4,441,772	3,741,772
	Early to need		[-700,000]
004	VIRGINIA CLASS SUBMARINE	3,305,315	3,305,315
005	ADVANCE PROCUREMENT (CY)	1,920,596	2,863,596
	VA Class AP		[693,000]
	VA Class EOQ		[250,000]
006	CVN REFUELING OVERHAULS	1,604,890	1,181,590
	CVN 73 MQ-25 integration		[26,700]
	Early to need		[-450,000]
007	ADVANCE PROCUREMENT (CY)	75,897	75,897
008	DDG 1000	223,968	223,968
009	DDG-51	3,499,079	3,499,079
010	ADVANCE PROCUREMENT (CY)	90,336	90,336
011	LITTORAL COMBAT SHIP	636,146	636,146

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
AMPHIBIOUS SHIPS			
015	LHA REPLACEMENT	1,710,927	1,210,927
	Early to need		[-500,000]
AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST			
018	TAO FLEET OILER	465,988	465,988
019	ADVANCE PROCUREMENT (CY)	75,068	75,068
020	TOWING, SALVAGE, AND RESCUE SHIP (ATS)	76,204	76,204
023	LCU 1700	31,850	31,850
024	OUTFITTING	548,703	548,703
025	SHIP TO SHORE CONNECTOR	212,554	212,554
026	SERVICE CRAFT	23,994	23,994
029	COMPLETION OF PY SHIPBUILDING PROGRAMS	117,542	117,542
	TOTAL SHIPBUILDING AND CONVERSION, NAVY	19,903,682	19,223,382
OTHER PROCUREMENT, NAVY			
SHIP PROPULSION EQUIPMENT			
003	SURFACE POWER EQUIPMENT	41,910	41,910
004	HYBRID ELECTRIC DRIVE (HED)	6,331	6,331
GENERATORS			
005	SURFACE COMBATANT HM&E	27,392	27,392
NAVIGATION EQUIPMENT			
006	OTHER NAVIGATION EQUIPMENT	65,943	65,943
PERISCOPES			
007	SUB PERISCOPES & IMAGING EQUIP		76,000
	Submarine Warfare Federated Tactial Systems		[76,000]
OTHER SHIPBOARD EQUIPMENT			
008	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG	151,240	151,240
009	DDG MOD	603,355	702,355
	CEC IFF Mode 5 Acceleration		[4,000]
	Destroyer modernization		[65,000]
	SPY-1 refurbishment		[30,000]
010	FIREFIGHTING EQUIPMENT	15,887	15,887
011	COMMAND AND CONTROL SWITCHBOARD	2,240	2,240
012	LHA/LHD MIDLIFE	30,287	30,287
014	POLLUTION CONTROL EQUIPMENT	17,293	17,293
015	SUBMARINE SUPPORT EQUIPMENT	27,990	27,990
016	VIRGINIA CLASS SUPPORT EQUIPMENT	46,610	46,610
017	LCS CLASS SUPPORT EQUIPMENT	47,955	47,955
018	SUBMARINE BATTERIES	17,594	17,594
019	LPD CLASS SUPPORT EQUIPMENT	61,908	61,908
021	STRATEGIC PLATFORM SUPPORT EQUIP	15,812	15,812
022	DSSP EQUIPMENT	4,178	4,178
023	CG MODERNIZATION	306,050	306,050
024	LCAC	5,507	5,507
025	UNDERWATER EOD PROGRAMS	55,922	59,938
	Realign European Reassurance Initiative to Base		[4,016]
026	ITEMS LESS THAN \$5 MILLION	96,909	96,909
027	CHEMICAL WARFARE DETECTORS	3,036	3,036
028	SUBMARINE LIFE SUPPORT SYSTEM	10,364	10,364
REACTOR PLANT EQUIPMENT			
029	REACTOR POWER UNITS	324,925	324,925
030	REACTOR COMPONENTS	534,468	534,468
OCEAN ENGINEERING			
031	DIVING AND SALVAGE EQUIPMENT	10,619	10,619
SMALL BOATS			
032	STANDARD BOATS	46,094	46,094
PRODUCTION FACILITIES EQUIPMENT			
034	OPERATING FORCES IPE	191,541	191,541
OTHER SHIP SUPPORT			
036	LCS COMMON MISSION MODULES EQUIPMENT	34,666	68,666
	MCM-USV		[34,000]
037	LCS MCM MISSION MODULES	55,870	55,870
039	LCS SUW MISSION MODULES	52,960	52,960
040	LCS IN-SERVICE MODERNIZATION	74,426	158,426
	LCS Modernization		[84,000]
LOGISTIC SUPPORT			
042	LSD MIDLIFE & MODERNIZATION	89,536	89,536
SHIP SONARS			
043	SPQ-9B RADAR	30,086	30,086
044	AN/SQQ-89 SURF ASW COMBAT SYSTEM	102,222	102,222
046	SSN ACOUSTIC EQUIPMENT	287,553	331,053
	Realign European Reassurance Initiative to Base		[43,500]
047	UNDERSEA WARFARE SUPPORT EQUIPMENT	13,653	13,653
ASW ELECTRONIC EQUIPMENT			
049	SUBMARINE ACOUSTIC WARFARE SYSTEM	21,449	21,449
050	SSTD	12,867	12,867
051	FIXED SURVEILLANCE SYSTEM	300,102	300,102
052	SURTASS	30,180	40,180

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
	SURTASS Array		[10,000]
	ELECTRONIC WARFARE EQUIPMENT		
054	AN/SLQ-32	240,433	240,433
	RECONNAISSANCE EQUIPMENT		
055	SHIPBOARD IW EXPLOIT	187,007	227,007
	Ship Signal Exploitation Equipment		[40,000]
056	AUTOMATED IDENTIFICATION SYSTEM (AIS)	510	510
	OTHER SHIP ELECTRONIC EQUIPMENT		
058	COOPERATIVE ENGAGEMENT CAPABILITY	23,892	23,892
060	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	10,741	10,741
061	ATDLS	38,016	38,016
062	NAVY COMMAND AND CONTROL SYSTEM (NCCS)	4,512	4,512
063	MINESWEEPING SYSTEM REPLACEMENT	31,531	31,531
064	SHALLOW WATER MCM	8,796	8,796
065	NAVSTAR GPS RECEIVERS (SPACE)	15,923	15,923
066	AMERICAN FORCES RADIO AND TV SERVICE	2,730	2,730
067	STRATEGIC PLATFORM SUPPORT EQUIP	6,889	6,889
	AVIATION ELECTRONIC EQUIPMENT		
070	ASHORE ATC EQUIPMENT	71,882	71,882
071	AFLOAT ATC EQUIPMENT	44,611	44,611
077	ID SYSTEMS	21,239	21,239
078	NAVAL MISSION PLANNING SYSTEMS	11,976	11,976
	OTHER SHORE ELECTRONIC EQUIPMENT		
080	TACTICAL/MOBILE C4I SYSTEMS	32,425	40,325
	Realign European Reassurance Initiative to Base		[7,900]
081	DCGS-N	13,790	15,690
	Realign European Reassurance Initiative to Base		[1,900]
082	CANES	322,754	322,754
083	RADLAC	10,718	10,718
084	CANES-INTELL	48,028	48,028
085	GPETE	6,861	6,861
086	MASF	8,081	8,081
087	INTEG COMBAT SYSTEM TEST FACILITY	5,019	5,019
088	EMI CONTROL INSTRUMENTATION	4,188	4,188
089	ITEMS LESS THAN \$5 MILLION	105,292	105,292
	SHIPBOARD COMMUNICATIONS		
090	SHIPBOARD TACTICAL COMMUNICATIONS	23,695	23,695
091	SHIP COMMUNICATIONS AUTOMATION	103,990	103,990
092	COMMUNICATIONS ITEMS UNDER \$5M	18,577	18,577
	SUBMARINE COMMUNICATIONS		
093	SUBMARINE BROADCAST SUPPORT	29,669	29,669
094	SUBMARINE COMMUNICATION EQUIPMENT	86,204	86,204
	SATELLITE COMMUNICATIONS		
095	SATELLITE COMMUNICATIONS SYSTEMS	14,654	14,654
096	NAVY MULTIBAND TERMINAL (NMT)	69,764	69,764
	SHORE COMMUNICATIONS		
097	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	4,256	4,256
	CRYPTOGRAPHIC EQUIPMENT		
099	INFO SYSTEMS SECURITY PROGRAM (ISSP)	89,663	89,663
100	MIO INTEL EXPLOITATION TEAM	961	961
	CRYPTOLOGIC EQUIPMENT		
101	CRYPTOLOGIC COMMUNICATIONS EQUIP	11,287	11,287
	OTHER ELECTRONIC SUPPORT		
110	COAST GUARD EQUIPMENT	36,584	36,584
	SONOBUOYS		
112	SONOBUOYS—ALL TYPES	173,616	198,516
	Sonobuoys		[24,900]
	AIRCRAFT SUPPORT EQUIPMENT		
113	WEAPONS RANGE SUPPORT EQUIPMENT	72,110	72,110
114	AIRCRAFT SUPPORT EQUIPMENT	108,482	115,982
	EMALS initial spares		[7,500]
115	ADVANCED ARRESTING GEAR (AAG)	10,900	10,900
116	METEOROLOGICAL EQUIPMENT	21,137	21,137
117	DCRS/DPL	660	660
118	AIRBORNE MINE COUNTERMEASURES	20,605	20,605
119	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	129,972
125	ASW SUPPORT EQUIPMENT	23,209	23,209
	OTHER ORDNANCE SUPPORT EQUIPMENT		
126	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	15,596	15,596

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
127	ITEMS LESS THAN \$5 MILLION	5,981	5,981
	OTHER EXPENDABLE ORDNANCE		
128	SUBMARINE TRAINING DEVICE MODS	74,550	74,550
130	SURFACE TRAINING EQUIPMENT	83,022	83,022
	CIVIL ENGINEERING SUPPORT EQUIPMENT		
131	PASSENGER CARRYING VEHICLES	5,299	5,299
132	GENERAL PURPOSE TRUCKS	2,946	3,052
	Realign European Reassurance Initiative to Base		[106]
133	CONSTRUCTION & MAINTENANCE EQUIP	34,970	34,970
134	FIRE FIGHTING EQUIPMENT	2,541	2,541
135	TACTICAL VEHICLES	19,699	19,699
136	AMPHIBIOUS EQUIPMENT	12,162	12,162
137	POLLUTION CONTROL EQUIPMENT	2,748	2,748
138	ITEMS UNDER \$5 MILLION	18,084	18,084
139	PHYSICAL SECURITY VEHICLES	1,170	1,170
	SUPPLY SUPPORT EQUIPMENT		
141	SUPPLY EQUIPMENT	21,797	21,961
	Realign European Reassurance Initiative to Base		[164]
143	FIRST DESTINATION TRANSPORTATION	5,572	5,572
144	SPECIAL PURPOSE SUPPLY SYSTEMS	482,916	482,916
	TRAINING DEVICES		
146	TRAINING AND EDUCATION EQUIPMENT	25,624	25,624
	COMMAND SUPPORT EQUIPMENT		
147	COMMAND SUPPORT EQUIPMENT	59,076	59,076
149	MEDICAL SUPPORT EQUIPMENT	4,383	4,383
151	NAVAL MIP SUPPORT EQUIPMENT	2,030	2,030
152	OPERATING FORCES SUPPORT EQUIPMENT	7,500	7,500
153	CHSR EQUIPMENT	4,010	4,010
154	ENVIRONMENTAL SUPPORT EQUIPMENT	23,644	24,644
	Realign European Reassurance Initiative to Base		[1,000]
155	PHYSICAL SECURITY EQUIPMENT	101,982	101,982
156	ENTERPRISE INFORMATION TECHNOLOGY	19,789	19,789
	OTHER		
160	NEXT GENERATION ENTERPRISE SERVICE	104,584	104,584
	CLASSIFIED PROGRAMS		
161A	CLASSIFIED PROGRAMS	23,707	23,707
	SPARES AND REPAIR PARTS		
161	SPARES AND REPAIR PARTS	278,565	290,565
	E-2D AHE		[12,000]
	TOTAL OTHER PROCUREMENT, NAVY	8,277,789	8,723,775
	PROCUREMENT, MARINE CORPS		
	TRACKED COMBAT VEHICLES		
001	AAV7A1 PIP	107,665	107,665
002	AMPHIBIOUS COMBAT VEHICLE 1.1	161,511	161,511
003	LAV PIP	17,244	17,244
	ARTILLERY AND OTHER WEAPONS		
004	EXPEDITIONARY FIRE SUPPORT SYSTEM	626	626
005	155MM LIGHTWEIGHT TOWED HOWITZER	20,259	20,259
006	HIGH MOBILITY ARTILLERY ROCKET SYSTEM	59,943	59,943
007	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION	19,616	19,616
	OTHER SUPPORT		
008	MODIFICATION KITS	17,778	17,778
	GUIDED MISSILES		
010	GROUND BASED AIR DEFENSE	9,432	9,432
011	JAVELIN	41,159	41,159
012	FOLLOW ON TO SMAW	25,125	25,125
013	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H)	51,553	51,553
	COMMAND AND CONTROL SYSTEMS		
016	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C	44,928	44,928
	REPAIR AND TEST EQUIPMENT		
017	REPAIR AND TEST EQUIPMENT	33,056	33,056
	COMMAND AND CONTROL SYSTEM (NON-TEL)		
020	ITEMS UNDER \$5 MILLION (COMM & ELEC)	17,644	17,644
021	AIR OPERATIONS C2 SYSTEMS	18,393	18,393
	RADAR + EQUIPMENT (NON-TEL)		
022	RADAR SYSTEMS	12,411	12,411
023	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	139,167	139,167
024	RQ-21 UAS	77,841	77,841
	INTELL/COMM EQUIPMENT (NON-TEL)		
025	GCSS-MC	1,990	1,990
026	FIRE SUPPORT SYSTEM	22,260	22,260
027	INTELLIGENCE SUPPORT EQUIPMENT	55,759	55,759
029	UNMANNED AIR SYSTEMS (INTEL)	10,154	10,154
030	DCGS-MC	13,462	13,462
031	UAS PAYLOADS	14,193	14,193
	OTHER SUPPORT (NON-TEL)		
035	NEXT GENERATION ENTERPRISE NETWORK (NGEN)	98,511	98,511

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
036	COMMON COMPUTER RESOURCES	66,894	66,894
037	COMMAND POST SYSTEMS	186,912	186,912
038	RADIO SYSTEMS	34,361	34,361
039	COMM SWITCHING & CONTROL SYSTEMS	54,615	54,615
040	COMM & ELEC INFRASTRUCTURE SUPPORT	44,455	44,455
	CLASSIFIED PROGRAMS		
040A	CLASSIFIED PROGRAMS	4,214	4,214
	ADMINISTRATIVE VEHICLES		
042	COMMERCIAL CARGO VEHICLES	66,951	66,951
	TACTICAL VEHICLES		
043	MOTOR TRANSPORT MODIFICATIONS	21,824	21,824
044	JOINT LIGHT TACTICAL VEHICLE	233,639	233,639
045	FAMILY OF TACTICAL TRAILERS	1,938	1,938
046	TRAILERS	10,282	10,282
	ENGINEER AND OTHER EQUIPMENT		
048	ENVIRONMENTAL CONTROL EQUIP ASSORT	1,405	1,405
050	TACTICAL FUEL SYSTEMS	1,788	1,788
051	POWER EQUIPMENT ASSORTED	9,910	9,910
052	AMPHIBIOUS SUPPORT EQUIPMENT	5,830	5,830
053	EOD SYSTEMS	27,240	27,240
	MATERIALS HANDLING EQUIPMENT		
054	PHYSICAL SECURITY EQUIPMENT	53,477	53,477
	GENERAL PROPERTY		
056	TRAINING DEVICES	76,185	85,064
	Unfunded requirement		[8,879]
058	FAMILY OF CONSTRUCTION EQUIPMENT	26,286	26,286
059	FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV)	1,583	1,583
	OTHER SUPPORT		
060	ITEMS LESS THAN \$5 MILLION	7,716	7,716
	SPARES AND REPAIR PARTS		
062	SPARES AND REPAIR PARTS	35,640	35,640
	TOTAL PROCUREMENT, MARINE CORPS	2,064,825	2,073,704
	AIRCRAFT PROCUREMENT, AIR FORCE		
	TACTICAL FORCES		
001	F-35	4,544,684	5,804,684
	Additional Tooling in Support of Unfunded Priority		[60,000]
	Unfunded requirement		[1,200,000]
002	ADVANCE PROCUREMENT (CY)	780,300	780,300
	TACTICAL AIRLIFT		
003	KC-46A TANKER	2,545,674	2,945,674
	KC-46A		[400,000]
	OTHER AIRLIFT		
004	C-130J	57,708	57,708
006	HC-130J	198,502	298,502
	HC-130J		[100,000]
008	MC-130J	379,373	979,373
	MC-130J		[600,000]
009	ADVANCE PROCUREMENT (CY)	30,000	30,000
	MISSION SUPPORT AIRCRAFT		
012	CIVIL AIR PATROL A/C	2,695	2,695
	OTHER AIRCRAFT		
014	TARGET DRONES	109,841	109,841
017	MQ-9	117,141	117,141
	STRATEGIC AIRCRAFT		
018	B-2A	96,727	105,727
	B-2 Rotary Launcher assembly		[9,000]
019	B-1B	155,634	121,634
	Duplicate funding of F101 engine kits		[-34,000]
020	B-52	109,295	109,295
021	LARGE AIRCRAFT INFRARED COUNTERMEASURES	4,046	122,991
	C-130 LAIRCM		[18,900]
	C-17 LAIRCM		[76,145]
	C-5 LAIRCM		[23,900]
	TACTICAL AIRCRAFT		
022	A-10	6,010	109,010
	Unfunded Requirement		[103,000]
023	F-15	417,193	417,193
024	F-16	203,864	203,864
025	F-22A	161,630	161,630
026	ADVANCE PROCUREMENT (CY)	15,000	15,000
027	F-35 MODIFICATIONS	68,270	68,270
028	INCREMENT 3.2B	105,756	105,756
030	KC-46A TANKER	6,213	6,213
	AIRLIFT AIRCRAFT		
031	C-5	36,592	36,592
032	C-5M	6,817	6,817
033	C-17A	125,522	125,522

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
034	C-21	13,253	13,253
035	C-32A	79,449	79,449
036	C-37A	15,423	15,423
037	C-130J	10,727	10,727
	TRAINER AIRCRAFT		
038	GLIDER MODS	136	136
039	T-6	35,706	35,706
040	T-1	21,477	21,477
041	T-38	51,641	51,641
	OTHER AIRCRAFT		
042	U-2 MODS	36,406	36,406
043	KC-10A (ATCA)	4,243	4,243
044	C-12	5,846	70,846
	MC-12W upgrades for Air National Guard		[65,000]
045	VC-25A MOD	52,107	52,107
046	C-40	31,119	31,119
047	C-130	66,310	213,310
	C-130H Inflight rebalance system		[18,000]
	C-130H NP2000 Prop		[55,000]
	C-130H T56 3.5		[74,000]
048	C-130J MODS	171,230	171,230
049	C-135	69,428	69,428
050	OC-135B	23,091	23,091
051	COMPASS CALL MODS	166,541	166,541
052	COMBAT FLIGHT INSPECTION (CFIN)	495	495
053	RC-135	201,559	201,559
054	E-3	189,772	189,772
055	E-4	30,493	30,493
056	E-8	13,232	13,232
057	AIRBORNE WARNING AND CONTROL SYSTEM	164,786	164,786
058	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	24,716	24,716
059	H-1	3,730	3,730
060	H-60	75,989	92,089
	Unfunded requirement		[16,100]
061	RQ-4 MODS	43,968	62,268
	HA-ISR Payload Adapters		[18,300]
062	HC/MC-130 MODIFICATIONS	67,674	67,674
063	OTHER AIRCRAFT	59,068	59,068
065	MQ-9 MODS	264,740	269,940
	FY17 10th Pod Set Procurement Shortfall		[5,200]
066	CV-22 MODS	60,990	60,990
	AIRCRAFT SPARES AND REPAIR PARTS		
067	INITIAL SPARES/REPAIR PARTS	1,041,569	1,121,169
	Additional F-35 Initial Spares		[79,600]
	COMMON SUPPORT EQUIPMENT		
068	AIRCRAFT REPLACEMENT SUPPORT EQUIP	75,846	101,263
	Realign European Reassurance Initiative to Base		[25,417]
069	OTHER PRODUCTION CHARGES	8,524	8,524
071	T-53A TRAINER	501	501
	POST PRODUCTION SUPPORT		
072	B-2A	447	447
073	B-2A	38,509	38,509
074	B-52	199	199
075	C-17A	12,028	12,028
078	RC-135	29,700	29,700
079	F-15	20,000	20,000
080	F-15	2,524	2,524
081	F-16	18,051	5,651
	Program reduction		[-12,400]
082	F-22A	119,566	119,566
083	OTHER AIRCRAFT	85,000	85,000
085	RQ-4 POST PRODUCTION CHARGES	86,695	86,695
086	CV-22 MODS	4,500	4,500
	INDUSTRIAL PREPAREDNESS		
087	INDUSTRIAL RESPONSIVENESS	14,739	14,739
088	C-130J	102,000	102,000
	WAR CONSUMABLES		
089	WAR CONSUMABLES	37,647	37,647
	OTHER PRODUCTION CHARGES		
090	OTHER PRODUCTION CHARGES	1,339,160	1,339,160
092	OTHER AIRCRAFT	600	600
	CLASSIFIED PROGRAMS		
092A	CLASSIFIED PROGRAMS	53,212	53,212
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	15,430,849	18,332,011
	MISSILE PROCUREMENT, AIR FORCE		
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC		
001	MISSILE REPLACEMENT EQ-BALLISTIC	99,098	99,098

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
TACTICAL			
002	JOINT AIR-SURFACE STANDOFF MISSILE	441,367	441,367
003	LRASMO	44,728	61,728
	LRASM		[17,000]
004	SIDEWINDER (AIM-9X)	125,350	125,350
005	AMRAAM	304,327	304,327
006	PREDATOR HELLFIRE MISSILE	34,867	34,867
007	SMALL DIAMETER BOMB	266,030	266,030
INDUSTRIAL FACILITIES			
008	INDUSTRIAL PREPAREDNESS/POL PREVENTION	926	926
CLASS IV			
009	ICBM FUZE MOD	6,334	6,334
010	MM III MODIFICATIONS	80,109	80,109
011	AGM-65D MAVERICK	289	289
013	AIR LAUNCH CRUISE MISSILE (ALCM)	36,425	36,425
014	SMALL DIAMETER BOMB	14,086	14,086
MISSILE SPARES AND REPAIR PARTS			
015	INITIAL SPARES/REPAIR PARTS	101,153	101,153
SPECIAL PROGRAMS			
020	SPECIAL UPDATE PROGRAMS	32,917	32,917
CLASSIFIED PROGRAMS			
020A	CLASSIFIED PROGRAMS	708,176	708,176
	TOTAL MISSILE PROCUREMENT, AIR FORCE	2,296,182	2,313,182
SPACE PROCUREMENT, AIR FORCE			
SPACE PROGRAMS			
001	ADVANCED EHF	56,974	56,974
002	AF SATELLITE COMM SYSTEM	57,516	57,516
003	COUNTERSPACE SYSTEMS	28,798	28,798
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	146,972	146,972
005	WIDEBAND GAPFILLER SATELLITES(SPACE)	80,849	180,849
	Long-lead procurement for protecting supply chain and schedule for WGS communications.		[100,000]
006	GPS III SPACE SEGMENT	85,894	85,894
007	GLOBAL POSITIONING (SPACE)	2,198	2,198
008	SPACEBORNE EQUIP (COMSEC)	25,048	25,048
010	MILSATCOM	33,033	33,033
011	EVOLVED EXPENDABLE LAUNCH CAPABILITY	957,420	957,420
012	EVOLVED EXPENDABLE LAUNCH VEH(SPACE)	606,488	606,488
013	SBIR HIGH (SPACE)	981,009	1,057,359
	AF UPL—fully fund emerging cyber security requirement		[44,900]
	AF UPL—procure commercially available antenna		[15,450]
	AF UPL upgrades ground antenna		[16,000]
014	ADVANCE PROCUREMENT (CY)	132,420	132,420
015	NUDET DETECTION SYSTEM	6,370	6,370
016	SPACE MODS	37,203	37,203
017	SPACELIFT RANGE SYSTEM SPACE	113,874	113,874
SSPARES			
018	INITIAL SPARES/REPAIR PARTS	18,709	18,709
	TOTAL SPACE PROCUREMENT, AIR FORCE	3,370,775	3,547,125
PROCUREMENT OF AMMUNITION, AIR FORCE			
ROCKETS			
001	ROCKETS	147,454	147,454
CARTRIDGES			
002	CARTRIDGES	161,744	161,744
BOMBS			
003	PRACTICE BOMBS	28,509	28,509
004	GENERAL PURPOSE BOMBS	329,501	329,501
005	MASSIVE ORDNANCE PENETRATOR (MOP)	38,382	38,382
006	JOINT DIRECT ATTACK MUNITION	319,525	319,525
007	B61	77,068	77,068
008	ADVANCE PROCUREMENT (CY)	11,239	11,239
OTHER ITEMS			
009	CAD/PAD	53,469	53,469
010	EXPLOSIVE ORDNANCE DISPOSAL (EOD)	5,921	5,921
011	SPARES AND REPAIR PARTS	678	678
012	MODIFICATIONS	1,409	1,409
013	ITEMS LESS THAN \$5 MILLION	5,047	5,047
FLARES			
015	FLARES	143,983	143,983
FUZES			
016	FUZES	24,062	24,062
SMALL ARMS			
017	SMALL ARMS	28,611	28,611
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	1,376,602	1,376,602
OTHER PROCUREMENT, AIR FORCE			

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
	PASSENGER CARRYING VEHICLES		
001	PASSENGER CARRYING VEHICLES	15,651	17,001
	Realign European Reassurance Initiative to Base		[1,350]
	CARGO AND UTILITY VEHICLES		
002	MEDIUM TACTICAL VEHICLE	54,607	54,607
003	CAP VEHICLES	1,011	1,011
004	CARGO AND UTILITY VEHICLES	28,670	28,670
	SPECIAL PURPOSE VEHICLES		
005	SECURITY AND TACTICAL VEHICLES	59,398	59,398
006	SPECIAL PURPOSE VEHICLES	19,784	51,605
	Realign European Reassurance Initiative to Base		[31,821]
	FIRE FIGHTING EQUIPMENT		
007	FIRE FIGHTING/CRASH RESCUE VEHICLES	14,768	37,351
	Realign European Reassurance Initiative to Base		[22,583]
	MATERIALS HANDLING EQUIPMENT		
008	MATERIALS HANDLING VEHICLES	13,561	17,587
	Realign European Reassurance Initiative to Base		[4,026]
	BASE MAINTENANCE SUPPORT		
009	RUNWAY SNOW REMOV & CLEANING EQUIP	3,429	12,590
	Realign European Reassurance Initiative to Base		[9,161]
010	BASE MAINTENANCE SUPPORT VEHICLES	60,075	99,767
	Realign European Reassurance Initiative to Base		[39,692]
	COMM SECURITY EQUIPMENT(COMSEC)		
011	COMSEC EQUIPMENT	115,000	123,000
	Unfunded requirement		[8,000]
	INTELLIGENCE PROGRAMS		
013	INTERNATIONAL INTEL TECH & ARCHITECTURES	22,335	22,335
014	INTELLIGENCE TRAINING EQUIPMENT	5,892	5,892
015	INTELLIGENCE COMM EQUIPMENT	34,072	34,072
	ELECTRONICS PROGRAMS		
016	AIR TRAFFIC CONTROL & LANDING SYS	66,143	66,143
017	NATIONAL AIRSPACE SYSTEM	12,641	12,641
018	BATTLE CONTROL SYSTEM—FIXED	6,415	6,415
019	THEATER AIR CONTROL SYS IMPROVEMENTS	23,233	23,233
020	WEATHER OBSERVATION FORECAST	40,116	40,116
021	STRATEGIC COMMAND AND CONTROL	72,810	72,810
022	CHEYENNE MOUNTAIN COMPLEX	9,864	9,864
023	MISSION PLANNING SYSTEMS	15,486	15,486
025	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN)	9,187	9,187
	SPCL COMM-ELECTRONICS PROJECTS		
026	GENERAL INFORMATION TECHNOLOGY	51,826	51,826
027	AF GLOBAL COMMAND & CONTROL SYS	3,634	3,634
028	MOBILITY COMMAND AND CONTROL	10,083	10,083
029	AIR FORCE PHYSICAL SECURITY SYSTEM	201,866	201,866
030	COMBAT TRAINING RANGES	115,198	115,198
031	MINIMUM ESSENTIAL EMERGENCY COMM N	292	292
032	WIDE AREA SURVEILLANCE (WAS)	62,087	62,087
033	C3 COUNTERMEASURES	37,764	37,764
034	GCSS-AF FOS	2,826	2,826
035	DEFENSE ENTERPRISE ACCOUNTING AND MGMT SYSTEM	1,514	1,514
036	THEATER BATTLE MGT C2 SYSTEM	9,646	9,646
037	AIR & SPACE OPERATIONS CTR-WPN SYS	25,533	25,533
	AIR FORCE COMMUNICATIONS		
040	BASE INFORMATION TRANSP T INFRAST (BITI) WIRED	28,159	28,159
041	AFNET	160,820	186,820
	Unfunded requirement		[26,000]
042	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	5,135	5,135
043	USCENTCOM	18,719	18,719
	ORGANIZATION AND BASE		
044	TACTICAL C-E EQUIPMENT	123,206	123,206
045	COMBAT SURVIVOR EVADER LOCATER	3,004	3,004
046	RADIO EQUIPMENT	15,736	15,736
047	CCTV/AUDIOVISUAL EQUIPMENT	5,480	5,480
048	BASE COMM INFRASTRUCTURE	130,539	185,539
	Realign European Reassurance Initiative to Base		[55,000]
	MODIFICATIONS		
049	COMM ELECT MODS	70,798	70,798
	PERSONAL SAFETY & RESCUE EQUIP		
051	ITEMS LESS THAN \$5 MILLION	52,964	53,464
	Unfunded requirement—Instructor Training Parachutes		[500]
	DEPOT PLANT+MTRLS HANDLING EQ		
052	MECHANIZED MATERIAL HANDLING EQUIP	10,381	10,381
	BASE SUPPORT EQUIPMENT		
053	BASE PROCURED EQUIPMENT	15,038	27,538
	Program increase—Civil Engineers Construction, Surveying, and Mapping Equipment		[5,000]
	Realign European Reassurance Initiative to Base		[7,500]
054	ENGINEERING AND EOD EQUIPMENT	26,287	26,287

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
055	MOBILITY EQUIPMENT	8,470	8,470
056	ITEMS LESS THAN \$5 MILLION	28,768	132,783
	Realign European Reassurance Initiative to Base		[104,015]
	SPECIAL SUPPORT PROJECTS		
058	DARP RC135	25,985	25,985
059	DCGS-AF	178,423	178,423
061	SPECIAL UPDATE PROGRAM	840,980	840,980
	CLASSIFIED PROGRAMS		
062A	CLASSIFIED PROGRAMS	16,601,513	16,601,513
	SPARES AND REPAIR PARTS		
064	SPARES AND REPAIR PARTS	26,675	26,675
	TOTAL OTHER PROCUREMENT, AIR FORCE	19,603,497	19,918,145
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, OSD		
042	MAJOR EQUIPMENT, OSD	36,999	36,999
	MAJOR EQUIPMENT, NSA		
041	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	5,938	5,938
	MAJOR EQUIPMENT, WHS		
045	MAJOR EQUIPMENT, WHS	10,529	10,529
	MAJOR EQUIPMENT, DISA		
007	INFORMATION SYSTEMS SECURITY	24,805	24,805
008	TELEPORT PROGRAM	46,638	46,638
009	ITEMS LESS THAN \$5 MILLION	15,541	15,541
010	NET CENTRIC ENTERPRISE SERVICES (NCES)	1,161	1,161
011	DEFENSE INFORMATION SYSTEM NETWORK	126,345	126,345
012	CYBER SECURITY INITIATIVE	1,817	1,817
013	WHITE HOUSE COMMUNICATION AGENCY	45,243	45,243
014	SENIOR LEADERSHIP ENTERPRISE	294,139	294,139
016	JOINT REGIONAL SECURITY STACKS (JRSS)	188,483	188,483
017	JOINT SERVICE PROVIDER	100,783	100,783
	MAJOR EQUIPMENT, DLA		
019	MAJOR EQUIPMENT	2,951	2,951
	MAJOR EQUIPMENT, DSS		
023	MAJOR EQUIPMENT	1,073	1,073
	MAJOR EQUIPMENT, DCAA		
001	ITEMS LESS THAN \$5 MILLION	1,475	1,475
	MAJOR EQUIPMENT, TJS		
043	MAJOR EQUIPMENT, TJS	9,341	9,341
044	MAJOR EQUIPMENT, TJS—CE2T2	903	903
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY		
027	THAAD	451,592	770,992
	Procure additional THAAD interceptors		[319,400]
028	AEGIS BMD	425,018	583,018
	Additional SM-3 Block 1B		[158,000]
029	ADVANCE PROCUREMENT (CY)	38,738	38,738
030	BMDS AN/TPY-2 RADARS	947	947
033	AEGIS ASHORE PHASE III	59,739	59,739
034	IRON DOME	42,000	42,000
035	AEGIS BMD HARDWARE AND SOFTWARE	160,330	160,330
	MAJOR EQUIPMENT, DHRA		
003	PERSONNEL ADMINISTRATION	14,588	14,588
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY		
025	VEHICLES	204	204
026	OTHER MAJOR EQUIPMENT	12,363	12,363
	MAJOR EQUIPMENT, DODEA		
021	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	1,910	1,910
	MAJOR EQUIPMENT, DCMA		
002	MAJOR EQUIPMENT	4,347	4,347
	MAJOR EQUIPMENT, DMACT		
020	MAJOR EQUIPMENT	13,464	13,464
	CLASSIFIED PROGRAMS		
045A	CLASSIFIED PROGRAMS	657,759	657,759
	AVIATION PROGRAMS		
049	ROTARY WING UPGRADES AND SUSTAINMENT	158,988	151,488
	Per SOCOM requested realignment		[-7,500]
050	UNMANNED ISR	13,295	13,295
051	NON-STANDARD AVIATION	4,892	4,892
052	U-28	5,769	5,769
053	MH-47 CHINOOK	87,345	87,345
055	CV-22 MODIFICATION	42,178	42,178
057	MQ-9 UNMANNED AERIAL VEHICLE	21,660	21,660
059	PRECISION STRIKE PACKAGE	229,728	229,728
060	AC/MC-130J	179,934	179,934
061	C-130 MODIFICATIONS	28,059	28,059
	SHIPBUILDING		
062	UNDERWATER SYSTEMS	92,606	79,806
	Per SOCOM requested realignment		[-12,800]

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
AMMUNITION PROGRAMS			
063	ORDNANCE ITEMS <\$5M	112,331	112,331
OTHER PROCUREMENT PROGRAMS			
064	INTELLIGENCE SYSTEMS	82,538	82,538
065	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	11,042	11,042
066	OTHER ITEMS <\$5M	54,592	54,592
067	COMBATANT CRAFT SYSTEMS	23,272	23,272
068	SPECIAL PROGRAMS	16,053	16,053
069	TACTICAL VEHICLES	63,304	63,304
070	WARRIOR SYSTEMS <\$5M	252,070	252,070
071	COMBAT MISSION REQUIREMENTS	19,570	19,570
072	GLOBAL VIDEO SURVEILLANCE ACTIVITIES	3,589	3,589
073	OPERATIONAL ENHANCEMENTS INTELLIGENCE	17,953	17,953
075	OPERATIONAL ENHANCEMENTS	241,429	241,429
CBDP			
076	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	135,031	135,031
077	CB PROTECTION & HAZARD MITIGATION	141,027	141,027
	TOTAL PROCUREMENT, DEFENSE-WIDE	4,835,418	5,292,518
JOINT URGENT OPERATIONAL NEEDS FUND			
JOINT URGENT OPERATIONAL NEEDS FUND			
001	JOINT URGENT OPERATIONAL NEEDS FUND	99,795	0
	Program reduction		[-99,795]
	TOTAL JOINT URGENT OPERATIONAL NEEDS FUND	99,795	0
	TOTAL PROCUREMENT	113,983,713	127,850,301

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1 SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY

2 OPERATIONS.

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
AIRCRAFT PROCUREMENT, ARMY			
FIXED WING			
004	MQ-1 UAV	87,300	87,300
ROTARY			
006	AH-64 APACHE BLOCK IIIA REMAN	39,040	78,040
	Unfunded requirement		[39,000]
MODIFICATION OF AIRCRAFT			
015	MQ-1 PAYLOAD (MIP)	41,400	33,400
	Realign European Reassurance Initiative to Base		[-8,000]
018	MULTI SENSOR ABN RECON (MIP)	33,475	4,000
	Realign European Reassurance Initiative to Base		[-29,475]
023	EMARSS SEMA MODS (MIP)	36,000	36,000
025	UTILITY HELICOPTER MODS		34,809
	Unfunded requirement		[34,809]
027	COMMS, NAV SURVEILLANCE	4,289	4,289
GROUND SUPPORT AVIONICS			
033	CMWS	139,742	201,542
	Unfunded requirement—B kits		[61,800]
034	COMMON INFRARED COUNTERMEASURES (CIRCM)	43,440	43,440
OTHER SUPPORT			
037	AIRCREW INTEGRATED SYSTEMS		12,100
	Unfunded requirement		[12,100]
	TOTAL AIRCRAFT PROCUREMENT, ARMY	424,686	534,920
MISSILE PROCUREMENT, ARMY			
SURFACE-TO-AIR MISSILE SYSTEM			
002	MSE MISSILE		633,570
	Meet inventory requirements for COCOMS		[633,570]
AIR-TO-SURFACE MISSILE SYSTEM			
005	HELLFIRE SYS SUMMARY	278,073	288,073
	Unfunded requirement		[10,000]
ANTI-TANK/ASSAULT MISSILE SYS			
008	JAVELIN (AAWS-M) SYSTEM SUMMARY	8,112	147,300
	Realign European Reassurance Initiative to Base		[-8,112]
	Unfunded requirement		[147,300]
009	TOW 2 SYSTEM SUMMARY	3,907	0
	Realign European Reassurance Initiative to Base		[-3,907]
011	GUIDED MLRS ROCKET (GMLRS)	191,522	204,522
	Unfunded requirement		[13,000]
012	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)		6,330
	Unfunded requirement		[6,330]
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)	41,000	0
	Realign European Reassurance Initiative to Base		[-41,000]
014	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS)	8,669	55,269
	Unfunded requirement		[46,600]
MODIFICATIONS			
016	ATACMS MODS		69,400
	Unfunded requirement		[69,400]
018	STINGER MODS	28,000	0
	Realign European Reassurance Initiative to Base		[-28,000]
	TOTAL MISSILE PROCUREMENT, ARMY	559,283	1,404,464
PROCUREMENT OF W&TCV, ARMY			
TRACKED COMBAT VEHICLES			
001	BRADLEY PROGRAM	200,000	0
	Realign European Reassurance Initiative to Base		[-200,000]
002	ARMORED MULTI PURPOSE VEHICLE (AMPV)	253,903	0
	Realign European Reassurance Initiative to Base		[-253,903]
MODIFICATION OF TRACKED COMBAT VEHICLES			
004	STRYKER (MOD)		177,000
	Unfunded requirement - lethality upgrades		[177,000]
006	BRADLEY PROGRAM (MOD)	30,000	0
	Realign European Reassurance Initiative to Base		[-30,000]
008	PALADIN INTEGRATED MANAGEMENT (PIM)	125,736	0
	Realign European Reassurance Initiative to Base		[-125,736]
014	M1 ABRAMS TANK (MOD)	138,700	0
	Realign European Reassurance Initiative to Base		[-138,700]
015	ABRAMS UPGRADE PROGRAM	442,800	0
	Realign European Reassurance Initiative to Base		[-442,800]
	TOTAL PROCUREMENT OF W&TCV, ARMY	1,191,139	177,000
PROCUREMENT OF AMMUNITION, ARMY			
SMALL/MEDIUM CAL AMMUNITION			

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
001	CTG, 5.56MM, ALL TYPES		7,100
	Unfunded requirement		[7,100]
002	CTG, 7.62MM, ALL TYPES		14,900
	Unfunded requirement		[14,900]
003	CTG, HANDGUN, ALL TYPES	5	90
	Realign European Reassurance Initiative to Base		[-5]
	Unfunded requirement		[90]
004	CTG, .50 CAL, ALL TYPES	121	8,890
	Realign European Reassurance Initiative to Base		[-121]
	Unfunded requirement		[8,890]
005	CTG, 20MM, ALL TYPES	1,605	1,605
006	CTG, 25MM, ALL TYPES		31,862
	Unfunded requirement		[31,862]
007	CTG, 30MM, ALL TYPES	35,000	12,150
	Realign European Reassurance Initiative to Base		[-25,000]
	Unfunded requirement		[2,150]
008	CTG, 40MM, ALL TYPES		17,191
	Unfunded requirement		[17,191]
	MORTAR AMMUNITION		
009	60MM MORTAR, ALL TYPES		2,500
	Unfunded requirement		[2,500]
010	81MM MORTAR, ALL TYPES		3,109
	Unfunded requirement		[3,109]
011	120MM MORTAR, ALL TYPES		18,192
	Unfunded requirement		[18,192]
	TANK AMMUNITION		
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES		40,300
	Unfunded requirement		[40,300]
	ARTILLERY AMMUNITION		
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES		159,181
	Unfunded requirement		[159,181]
015	PROJ 155MM EXTENDED RANGE M982	23,234	4,189
	Realign European Reassurance Initiative to Base		[-19,045]
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	20,023	84,067
	Realign European Reassurance Initiative to Base		[-16,678]
	Unfunded requirement		[80,722]
	MINES		
017	MINES & CLEARING CHARGES, ALL TYPES	11,615	3,000
	Realign European Reassurance Initiative to Base		[-11,615]
	Unfunded requirement		[3,000]
	ROCKETS		
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	25,000	86,881
	Unfunded requirement		[61,881]
020	ROCKET, HYDRA 70, ALL TYPES	75,820	163,820
	Unfunded requirement		[20,000]
	Unfunded requirement—APIKWS and M282 warheads		[68,000]
	OTHER AMMUNITION		
022	DEMOLITION MUNITIONS, ALL TYPES		2,261
	Unfunded requirement		[2,261]
023	GRENADES, ALL TYPES		25,361
	Unfunded requirement		[25,361]
024	SIGNALS, ALL TYPES	1,013	1,842
	Unfunded requirement		[829]
025	SIMULATORS, ALL TYPES		450
	Unfunded requirement		[450]
	MISCELLANEOUS		
027	NON-LETHAL AMMUNITION, ALL TYPES		150
	Unfunded requirement		[150]
028	ITEMS LESS THAN \$5 MILLION (AMMO)		3,665
	Unfunded requirement		[3,665]
	PRODUCTION BASE SUPPORT		
033	CONVENTIONAL MUNITIONS DEMILITARIZATION		53,000
	Unfunded requirement		[53,000]
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	193,436	745,756
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	25,874	0
	Realign European Reassurance Initiative to Base		[-25,874]
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV	38,628	0
	Realign European Reassurance Initiative to Base		[-38,628]
014	MODIFICATION OF IN SVC EQUIP	64,647	135,900
	Realign European Reassurance Initiative to Base		[-2,599]
	Unfunded requirement—route clearance and mine protected vehicles		[73,852]
015	MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS	17,508	17,508
	COMM—JOINT COMMUNICATIONS		
020	SIGNAL MODERNIZATION PROGRAM	4,900	4,900
	COMM—COMBAT COMMUNICATIONS		

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
041	TRACTOR RIDE	1,000	1,000
	COMM—BASE COMMUNICATIONS		
062	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	2,500	0
	Realign European Reassurance Initiative to Base		[-2,500]
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
068	DCGS-A (MIP)	39,515	52,515
	Unfunded requirement		[13,000]
070	TROJAN (MIP)	21,310	15,310
	Realign European Reassurance Initiative to Base		[-6,000]
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	2,300	2,300
072	CI HUMINT AUTO REPRTING AND COLL(CHARCS)	14,460	14,460
075	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP)	5,180	5,180
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
079	CREW		17,500
	Unfunded requirement—EOD DR SKOs		[17,500]
080	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIE	16,935	21,935
	Unfunded requirement		[5,000]
081	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	18,874	12,974
	Realign European Reassurance Initiative to Base		[-5,900]
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
084	NIGHT VISION DEVICES	377	377
085	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	60	2,210
	Unfunded requirement		[2,150]
086	BASE EXPEDITIARY TARGETING AND SURV SYS		29,462
	Unfunded requirement		[29,462]
087	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	57,500	200,110
	Unfunded requirement—Air and Missile Defense (SHORAD)		[142,610]
091	JOINT BATTLE COMMAND—PLATFORM (JBC-P)		-2,300
	Realign European Reassurance Initiative to Base		[-2,300]
093	MOD OF IN-SVC EQUIP (LLDR)	3,974	0
	Realign European Reassurance Initiative to Base		[-3,974]
095	MORTAR FIRE CONTROL SYSTEM	2,947	2,872
	Realign European Reassurance Initiative to Base		[-75]
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
098	AIR & MSL DEFENSE PLANNING & CONTROL SYS	9,100	0
	Realign European Reassurance Initiative to Base		[-9,100]
	CHEMICAL DEFENSIVE EQUIPMENT		
119	BASE DEFENSE SYSTEMS (BDS)	3,726	3,726
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
126	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)		10,800
	Unfunded requirement		[10,800]
128	HUSKY MOUNTED DETECTION SYSTEM (HMDS)		2,400
	Unfunded requirement		[2,400]
	COMBAT SERVICE SUPPORT EQUIPMENT		
136	HEATERS AND ECUS	270	270
142	FIELD FEEDING EQUIPMENT	145	145
143	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	1,980	1,980
	MEDICAL EQUIPMENT		
148	COMBAT SUPPORT MEDICAL	25,690	4,568
	Realign European Reassurance Initiative to Base		[-21,122]
	MAINTENANCE EQUIPMENT		
149	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	1,124	0
	Realign European Reassurance Initiative to Base		[-1,124]
	CONSTRUCTION EQUIPMENT		
153	HYDRAULIC EXCAVATOR	3,850	3,850
157	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	1,932	1,932
	GENERATORS		
164	GENERATORS AND ASSOCIATED EQUIP	569	569
	TRAINING EQUIPMENT		
168	TRAINING DEVICES, NONSYSTEM	2,700	0
	Realign European Reassurance Initiative to Base		[-2,700]
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
173	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	7,500	0
	Realign European Reassurance Initiative to Base		[-7,500]
	OTHER SUPPORT EQUIPMENT		
176	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	8,500	13,500
	Unfunded requirement		[5,000]
	TOTAL OTHER PROCUREMENT, ARMY	405,575	577,953
	JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND		
	NETWORK ATTACK		
001	RAPID ACQUISITION AND THREAT RESPONSE	483,058	483,058
	TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND	483,058	483,058
	AIRCRAFT PROCUREMENT, NAVY		
	OTHER AIRCRAFT		
027	STUASLO UAV	3,900	3,900
	MODIFICATION OF AIRCRAFT		

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS			
(In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
033	F-18 SERIES		16,000
	Unfunded requirement -ALR-67(V)3 Retrofit A and B Kits		[16,000]
034	H-53 SERIES	950	950
035	SH-60 SERIES	15,382	15,382
037	EP-3 SERIES	7,220	7,220
047	SPECIAL PROJECT AIRCRAFT	19,855	19,855
051	COMMON ECM EQUIPMENT	75,530	75,530
062	QRC	15,150	15,150
	AIRCRAFT SPARES AND REPAIR PARTS		
064	SPARES AND REPAIR PARTS	18,850	18,850
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
066	AIRCRAFT INDUSTRIAL FACILITIES	463	463
	TOTAL AIRCRAFT PROCUREMENT, NAVY	157,300	173,300
	WEAPONS PROCUREMENT, NAVY		
	STRATEGIC MISSILES		
003	TOMAHAWK	100,086	100,086
	TACTICAL MISSILES		
004	AMRAAM		12,000
	Unfunded requirement—AIM-120 Captive Air Training Missiles Guidance sections.		[12,000]
007	STANDARD MISSILE	35,208	35,208
011	HELLFIRE	8,771	8,771
012	LASER MAVERICK	5,040	5,040
	MODIFICATION OF MISSILES		
017	ESSM	1,768	1,768
	GUNS AND GUN MOUNTS		
035	SMALL ARMS AND WEAPONS	1,500	1,500
	TOTAL WEAPONS PROCUREMENT, NAVY	152,373	164,373
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
001	GENERAL PURPOSE BOMBS	74,021	74,021
002	JDAM	106,941	106,941
003	AIRBORNE ROCKETS, ALL TYPES	1,184	1,184
007	AIR EXPENDABLE COUNTERMEASURES	15,700	15,700
008	JATOS	540	540
012	OTHER SHIP GUN AMMUNITION	13,789	13,789
013	SMALL ARMS & LANDING PARTY AMMO	1,963	1,963
014	PYROTECHNIC AND DEMOLITION	765	765
016	AMMUNITION LESS THAN \$5 MILLION	866	866
	MARINE CORPS AMMUNITION		
019	60MM, ALL TYPES		11,000
	Unfunded requirement—Full range practice rounds		[11,000]
020	MORTARS	1,290	1,290
021	81MM, ALL TYPES		14,500
	Unfunded requirement—Full range practice rounds		[14,500]
023	DIRECT SUPPORT MUNITIONS	1,355	1,355
024	INFANTRY WEAPONS AMMUNITION	1,854	1,854
027	ARTILLERY, ALL TYPES		17,000
	Unfunded requirement—HE Training Rounds		[17,000]
033	ARTILLERY MUNITIONS	5,319	5,319
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	225,587	268,087
	OTHER PROCUREMENT, NAVY		
	OTHER SHIPBOARD EQUIPMENT		
025	UNDERWATER EOD PROGRAMS	12,348	8,332
	Realign European Reassurance Initiative to Base		[-4,016]
	SMALL BOATS		
032	STANDARD BOATS	18,000	18,000
	SHIP SONARS		
046	SSN ACOUSTIC EQUIPMENT	43,500	0
	Realign European Reassurance Initiative to Base		[-43,500]
	AVIATION ELECTRONIC EQUIPMENT		
078	NAVAL MISSION PLANNING SYSTEMS	2,550	2,550
	OTHER SHORE ELECTRONIC EQUIPMENT		
080	TACTICAL/MOBILE CH SYSTEMS	7,900	0
	Realign European Reassurance Initiative to Base		[-7,900]
081	DCGS-N	6,392	4,492
	Realign European Reassurance Initiative to Base		[-1,900]
	CRYPTOLOGIC EQUIPMENT		
101	CRYPTOLOGIC COMMUNICATIONS EQUIP	2,280	2,280
	AIRCRAFT SUPPORT EQUIPMENT		
119	AVIATION SUPPORT EQUIPMENT	29,245	29,245
	SHIP MISSILE SYSTEMS EQUIPMENT		
121	SHIP MISSILE SUPPORT EQUIPMENT	2,436	2,436
	OTHER ORDNANCE SUPPORT EQUIPMENT		
126	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	31,970	31,970

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS			
(In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
CIVIL ENGINEERING SUPPORT EQUIPMENT			
132	GENERAL PURPOSE TRUCKS	496	390
	Realign European Reassurance Initiative to Base		[-106]
134	FIRE FIGHTING EQUIPMENT	2,304	2,304
135	TACTICAL VEHICLES	2,336	2,336
SUPPLY SUPPORT EQUIPMENT			
141	SUPPLY EQUIPMENT	164	0
	Realign European Reassurance Initiative to Base		[-164]
143	FIRST DESTINATION TRANSPORTATION	420	420
COMMAND SUPPORT EQUIPMENT			
147	COMMAND SUPPORT EQUIPMENT	21,650	21,650
152	OPERATING FORCES SUPPORT EQUIPMENT	15,800	15,800
154	ENVIRONMENTAL SUPPORT EQUIPMENT	1,000	0
	Realign European Reassurance Initiative to Base		[-1,000]
155	PHYSICAL SECURITY EQUIPMENT	15,890	15,890
CLASSIFIED PROGRAMS			
161A	CLASSIFIED PROGRAMS	2,200	2,200
SPARES AND REPAIR PARTS			
161	SPARES AND REPAIR PARTS	1,178	1,178
	TOTAL OTHER PROCUREMENT, NAVY	220,059	161,473
PROCUREMENT, MARINE CORPS			
ARTILLERY AND OTHER WEAPONS			
006	HIGH MOBILITY ARTILLERY ROCKET SYSTEM	5,360	5,360
GUIDED MISSILES			
011	JAVELIN	2,833	2,833
012	FOLLOW ON TO SMAW	49	49
013	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H)	5,024	5,024
REPAIR AND TEST EQUIPMENT			
017	REPAIR AND TEST EQUIPMENT	8,241	8,241
OTHER SUPPORT (TEL)			
019	MODIFICATION KITS	750	750
COMMAND AND CONTROL SYSTEM (NON-TEL)			
020	ITEMS UNDER \$5 MILLION (COMM & ELEC)	200	20,400
	Unfunded requirement—night optics for sniper rifles		[20,200]
RADAR + EQUIPMENT (NON-TEL)			
023	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)		39,200
	Unfunded requirement—CEG Shelters		[1,500]
	Unfunded requirement—G/ATOR acceleration		[37,700]
024	RQ-21 UAS	8,400	8,400
INTELL/COMM EQUIPMENT (NON-TEL)			
026	FIRE SUPPORT SYSTEM	50	50
027	INTELLIGENCE SUPPORT EQUIPMENT	3,000	3,000
029	UNMANNED AIR SYSTEMS (INTEL)		16,600
	Unfunded requirement – UUNS for long endurance small UAS		[16,600]
OTHER SUPPORT (NON-TEL)			
037	COMMAND POST SYSTEMS	5,777	75,777
	Additional NOTM-A Systems for emerging operational requirements		[70,000]
038	RADIO SYSTEMS	4,590	4,590
ENGINEER AND OTHER EQUIPMENT			
053	EOD SYSTEMS	21,000	21,000
SPARES AND REPAIR PARTS			
062	SPARES AND REPAIR PARTS		3,129
	Unfunded requirement—G/ATOR spares		[3,129]
	TOTAL PROCUREMENT, MARINE CORPS	65,274	214,403
AIRCRAFT PROCUREMENT, AIR FORCE			
OTHER AIRCRAFT			
017	MQ-9	271,080	271,080
AIRLIFT AIRCRAFT			
033	C-17A	26,850	26,850
OTHER AIRCRAFT			
048	C-130J MODS	8,400	8,400
051	COMPASS CALL MODS	56,720	56,720
056	E-8	3,000	3,000
061	RQ-4 MODS		39,600
	Unfunded requirement—Tactical Field Terminal Antennas		[39,600]
062	HC/MC-130 MODIFICATIONS	153,080	153,080
063	OTHER AIRCRAFT	10,381	10,381
065	MQ-9 MODS	56,400	56,400
AIRCRAFT SPARES AND REPAIR PARTS			
067	INITIAL SPARES/REPAIR PARTS	129,450	129,450
COMMON SUPPORT EQUIPMENT			
068	AIRCRAFT REPLACEMENT SUPPORT EQUIP	25,417	0
	Realign European Reassurance Initiative to Base		[-25,417]
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	740,778	754,961
MISSILE PROCUREMENT, AIR FORCE			

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
TACTICAL			
006	PREDATOR HELLFIRE MISSILE	294,480	294,480
007	SMALL DIAMETER BOMB	90,920	90,920
CLASS IV			
011	AGM-65D MAVERICK	10,000	10,000
	TOTAL MISSILE PROCUREMENT, AIR FORCE	395,400	395,400
SPACE PROCUREMENT, AIR FORCE			
SPACE PROGRAMS			
010	MILSATCOM	2,256	2,256
	TOTAL SPACE PROCUREMENT, AIR FORCE	2,256	2,256
PROCUREMENT OF AMMUNITION, AIR FORCE			
ROCKETS			
001	ROCKETS	49,050	49,050
CARTRIDGES			
002	CARTRIDGES	11,384	11,384
BOMBS			
006	JOINT DIRECT ATTACK MUNITION	390,577	390,577
FLARES			
015	FLARES	3,498	3,498
FUZES			
016	FUZES	47,000	47,000
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	501,509	501,509
OTHER PROCUREMENT, AIR FORCE			
PASSENGER CARRYING VEHICLES			
001	PASSENGER CARRYING VEHICLES	3,855	8,377
	Realign European Reassurance Initiative to Base		[-1,350]
	Unfunded requirement		[5,872]
CARGO AND UTILITY VEHICLES			
002	MEDIUM TACTICAL VEHICLE		13,300
	Unfunded requirement		[13,300]
004	CARGO AND UTILITY VEHICLES	1,882	100,678
	Unfunded requirement		[98,796]
SPECIAL PURPOSE VEHICLES			
005	SECURITY AND TACTICAL VEHICLES	1,100	11,064
	Unfunded requirement		[9,964]
006	SPECIAL PURPOSE VEHICLES	32,479	11,265
	Realign European Reassurance Initiative to Base		[-31,821]
	Unfunded requirement		[10,607]
FIRE FIGHTING EQUIPMENT			
007	FIRE FIGHTING/CRASH RESCUE VEHICLES	22,583	0
	Realign European Reassurance Initiative to Base		[-22,583]
MATERIALS HANDLING EQUIPMENT			
008	MATERIALS HANDLING VEHICLES	5,353	80,384
	Realign European Reassurance Initiative to Base		[-4,026]
	Unfunded requirement		[79,057]
BASE MAINTENANCE SUPPORT			
009	RUNWAY SNOW REMOV & CLEANING EQUIP	11,315	10,275
	Realign European Reassurance Initiative to Base		[-9,161]
	Unfunded requirement		[8,121]
010	BASE MAINTENANCE SUPPORT VEHICLES	40,451	13,989
	Realign European Reassurance Initiative to Base		[-39,692]
	Unfunded requirement		[13,230]
INTELLIGENCE PROGRAMS			
013	INTERNATIONAL INTEL TECH & ARCHITECTURES	8,873	8,873
015	INTELLIGENCE COMM EQUIPMENT	2,000	2,000
ELECTRONICS PROGRAMS			
016	AIR TRAFFIC CONTROL & LANDING SYS	56,500	95,200
	Unfunded requirement—deployable RAPCON systems		[16,500]
	Unfunded requirement—digital air traffic control radios		[6,000]
	Unfunded requirement—D-ILS		[16,200]
018	BATTLE CONTROL SYSTEM—FIXED		1,400
	Unfunded requirement		[1,400]
019	THEATER AIR CONTROL SYS IMPROVEMENTS	4,970	4,970
SPCL COMM-ELECTRONICS PROJECTS			
029	AIR FORCE PHYSICAL SECURITY SYSTEM	3,000	37,500
	Unfunded requirement—Intrusion Detection Systems		[18,000]
	Unfunded requirement—PL2 BPSS systems		[16,500]
ORGANIZATION AND BASE			
048	BASE COMM INFRASTRUCTURE	55,000	0
	Realign European Reassurance Initiative to Base		[-55,000]
PERSONAL SAFETY & RESCUE EQUIP			
051	ITEMS LESS THAN \$5 MILLION	8,469	71,869
	Unfunded requirement—battlefield airman combat equipment		[59,400]
	Unfunded requirements		[4,000]
BASE SUPPORT EQUIPMENT			

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS			
(In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
053	BASE PROCURED EQUIPMENT	7,500	0
	Realign European Reassurance Initiative to Base		[-7,500]
054	ENGINEERING AND EOD EQUIPMENT	80,427	112,977
	Unfunded requirement		[32,550]
055	MOBILITY EQUIPMENT		37,000
	Unfunded requirement—Basic Expeditionary Airfield Resources		[37,000]
056	ITEMS LESS THAN \$5 MILLION	110,405	6,390
	Realign European Reassurance Initiative to Base		[-104,015]
	SPECIAL SUPPORT PROJECTS		
058	DARP RC135	700	700
059	DCGS-AF	9,200	100,400
	Unfunded requirement		[91,200]
	CLASSIFIED PROGRAMS		
062A	CLASSIFIED PROGRAMS	3,542,825	3,542,825
	TOTAL OTHER PROCUREMENT, AIR FORCE	4,008,887	4,271,436
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, DISA		
008	TELEPORT PROGRAM	1,979	1,979
018	DEFENSE INFORMATION SYSTEMS NETWORK	12,000	12,000
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY		
034	IRON DOME		50,000
	Additional funds for Iron Dome Tamir interceptors		[50,000]
	CLASSIFIED PROGRAMS		
045A	CLASSIFIED PROGRAMS	43,653	43,653
	AVIATION PROGRAMS		
046	MANNED ISR	15,900	15,900
047	MC-12	20,000	20,000
050	UNMANNED ISR	38,933	38,933
051	NON-STANDARD AVIATION	9,600	9,600
052	U-28	8,100	8,100
053	MH-47 CHINOOK	10,270	10,270
057	MQ-9 UNMANNED AERIAL VEHICLE	19,780	19,780
061	C-130 MODIFICATIONS	3,750	3,750
	AMMUNITION PROGRAMS		
063	ORDNANCE ITEMS <\$5M	62,643	62,643
	OTHER PROCUREMENT PROGRAMS		
064	INTELLIGENCE SYSTEMS	12,000	12,000
069	TACTICAL VEHICLES	38,527	38,527
070	WARRIOR SYSTEMS <\$5M	20,215	20,215
073	OPERATIONAL ENHANCEMENTS INTELLIGENCE	7,134	7,134
075	OPERATIONAL ENHANCEMENTS	193,542	211,067
	Unfunded requirement- Joint Task Force Platform Expansion		[15,900]
	Unfunded requirement- Publicly Available Information (PAI) Capability Acceleration		[1,625]
	TOTAL PROCUREMENT, DEFENSE-WIDE	518,026	585,551
	NATIONAL GUARD AND RESERVE EQUIPMENT		
	UNDISTRIBUTED		
007	UNDISTRIBUTED		500,000
	Program increase		[500,000]
	TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT		500,000
	TOTAL PROCUREMENT	10,244,626	11,915,900



1 **SEC. 4103. PROCUREMENT FOR OVERSEAS CONTINGENCY**

2 **OPERATIONS FOR BASE REQUIREMENTS.**

SEC. 4103. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
SHIPBUILDING AND CONVERSION, NAVY			
OTHER WARSHIPS			
003	ADVANCE PROCUREMENT (CY)		200,000
	CVN 81 AP		[200,000]
009	DDG-51	1,896,800	
	DDG		[1,862,800]
	Ship Signal Exploitation Equipment		[34,000]
010	ADVANCE PROCUREMENT (CY)	45,000	
	DDG AP		[45,000]
011	LITTORAL COMBAT SHIP	1,033,000	
	LCS		[1,033,000]
AMPHIBIOUS SHIPS			
012A	AMPHIBIOUS SHIP REPLACEMENT LX(R) ADVANCE PROCUREMENT (CY)		100,000
	Program increase		[100,000]
013	LPD-17	1,786,000	
	LPD-30		[1,786,000]
014	EXPEDITIONARY SEA BASE (ESB)	635,000	
	ESB		[635,000]
AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST			
025	SHIP TO SHORE CONNECTOR		312,000
	SSC		[312,000]
026	SERVICE CRAFT		39,000
	Berthing Barge		[39,000]
	TOTAL SHIPBUILDING AND CONVERSION, NAVY		6,046,800
	TOTAL PROCUREMENT		6,046,800



1 **TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
 2 **OPMENT, TEST, AND EVALUA-**
 3 **TION**

4 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
 5 **TION.**

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2018 Request	House Authorized
RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY				
BASIC RESEARCH				
001	0601101A	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	12,010	12,010
002	0601102A	DEFENSE RESEARCH SCIENCES	263,590	263,590
003	0601103A	UNIVERSITY RESEARCH INITIATIVES	67,027	67,027
004	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	87,395	87,395
		SUBTOTAL BASIC RESEARCH	430,022	430,022
APPLIED RESEARCH				
005	0602105A	MATERIALS TECHNOLOGY	29,640	29,640
006	0602120A	SENSORS AND ELECTRONIC SURVIVABILITY	35,730	35,730
007	0602122A	TRACTOR HIP	8,627	8,627
008	0602211A	AVIATION TECHNOLOGY	66,086	66,086
009	0602270A	ELECTRONIC WARFARE TECHNOLOGY	27,144	27,144
010	0602303A	MISSILE TECHNOLOGY	43,742	43,742
011	0602307A	ADVANCED WEAPONS TECHNOLOGY	22,785	22,785
012	0602308A	ADVANCED CONCEPTS AND SIMULATION	28,650	28,650
013	0602601A	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	67,232	67,232
014	0602618A	BALLISTICS TECHNOLOGY	85,309	85,309
015	0602622A	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY.	4,004	4,004
016	0602623A	JOINT SERVICE SMALL ARMS PROGRAM	5,615	5,615
017	0602624A	WEAPONS AND MUNITIONS TECHNOLOGY	41,455	41,455
018	0602705A	ELECTRONICS AND ELECTRONIC DEVICES	58,352	58,352
019	0602709A	NIGHT VISION TECHNOLOGY	34,723	34,723
020	0602712A	COUNTERMINE SYSTEMS	26,190	26,190
021	0602716A	HUMAN FACTORS ENGINEERING TECHNOLOGY	24,127	24,127
022	0602720A	ENVIRONMENTAL QUALITY TECHNOLOGY	21,678	21,678
023	0602782A	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	33,123	33,123
024	0602783A	COMPUTER AND SOFTWARE TECHNOLOGY	14,041	14,041
025	0602784A	MILITARY ENGINEERING TECHNOLOGY	67,720	67,720
026	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	20,216	20,216
027	0602786A	WARFIGHTER TECHNOLOGY	39,559	44,559
		Program increase		[5,000]
028	0602787A	MEDICAL TECHNOLOGY	83,434	83,434
		SUBTOTAL APPLIED RESEARCH	889,182	894,182
ADVANCED TECHNOLOGY DEVELOPMENT				
029	0603001A	WARFIGHTER ADVANCED TECHNOLOGY	44,863	44,863
030	0603002A	MEDICAL ADVANCED TECHNOLOGY	67,780	67,780
031	0603003A	AVIATION ADVANCED TECHNOLOGY	160,746	160,746
032	0603004A	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	84,079	84,079
033	0603005A	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY.	125,537	125,537
034	0603006A	SPACE APPLICATION ADVANCED TECHNOLOGY	12,231	12,231
035	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY.	6,466	6,466
036	0603009A	TRACTOR HIKE	28,552	28,552
037	0603015A	NEXT GENERATION TRAINING & SIMULATION SYSTEMS	16,434	16,434
039	0603125A	COMBATING TERRORISM—TECHNOLOGY DEVELOPMENT	26,903	26,903
040	0603130A	TRACTOR NAIL	4,880	4,880
041	0603131A	TRACTOR EGGS	4,326	4,326
042	0603270A	ELECTRONIC WARFARE TECHNOLOGY	31,296	31,296
043	0603313A	MISSILE AND ROCKET ADVANCED TECHNOLOGY	62,850	72,850
		Simulation upgrades for land based anti-ship missile development		[10,000]
044	0603322A	TRACTOR CAGE	12,323	12,323
045	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM.	182,331	182,331
046	0603606A	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY.	17,948	17,948
047	0603607A	JOINT SERVICE SMALL ARMS PROGRAM	5,796	5,796
048	0603710A	NIGHT VISION ADVANCED TECHNOLOGY	47,135	47,135

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2018 Request	House Authorized
049	0603728A	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS.	10,421	10,421
050	0603734A	MILITARY ENGINEERING ADVANCED TECHNOLOGY	32,448	32,448
051	0603772A	ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY.	52,206	52,206
052	0603794A	C3 ADVANCED TECHNOLOGY	33,426	33,426
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	1,070,977	1,080,977
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
053	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	9,634	9,634
055	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	33,949	48,949
		Realign European Reassurance Initiative to Base		[15,000]
056	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV	72,909	72,909
057	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV.	7,135	7,135
058	0603639A	TANK AND MEDIUM CALIBER AMMUNITION	41,452	43,902
		Unfunded requirement—RF countermeasures		[2,450]
059	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV	32,739	54,739
		Unfunded requirement		[22,000]
060	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	10,157	10,157
061	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV	27,733	29,353
		Unfunded requirement		[1,620]
062	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	12,347	12,347
063	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL	10,456	10,456
064	0603790A	NATO RESEARCH AND DEVELOPMENT	2,588	2,588
065	0603801A	AVIATION—ADV DEV	14,055	14,055
066	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	35,333	35,333
067	0603807A	MEDICAL SYSTEMS—ADV DEV	33,491	33,491
068	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT	20,239	45,239
		Enhanced lightweight body armor and combat helmets technology		[25,000]
069	0604017A	ROBOTICS DEVELOPMENT	39,608	39,608
070	0604100A	ANALYSIS OF ALTERNATIVES	9,921	9,921
071	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR	76,728	76,728
072	0604115A	TECHNOLOGY MATURATION INITIATIVES	115,221	100,221
		Program Reduction		[-15,000]
073	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD)	20,000	20,000
074	0604118A	TRACTOR BEAM	10,400	10,400
075	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	164,967	164,967
076	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING.	1,600	1,600
077	0604319A	INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2—INTERCEPT (IFPC2).	11,303	11,303
078	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	56,492	56,492
079	1206308A	ARMY SPACE SYSTEMS INTEGRATION	20,432	20,432
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	890,889	941,959
SYSTEM DEVELOPMENT & DEMONSTRATION				
080	0604201A	AIRCRAFT AVIONICS	30,153	30,153
081	0604270A	ELECTRONIC WARFARE DEVELOPMENT	71,671	71,671
083	0604290A	MID-TIER NETWORKING VEHICULAR RADIO (MNVr)	10,589	10,589
084	0604321A	ALL SOURCE ANALYSIS SYSTEM	4,774	4,774
085	0604328A	TRACTOR CAGE	17,252	17,252
086	0604601A	INFANTRY SUPPORT WEAPONS	87,643	89,243
		Program increase—soldier enhancement program		[3,000]
		Program reduction- obligation delays		[-5,000]
		Unfunded requirement—air soldier system		[3,600]
087	0604604A	MEDIUM TACTICAL VEHICLES	6,039	6,039
088	0604611A	JAVELIN	21,095	21,095
089	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES	10,507	10,507
090	0604633A	AIR TRAFFIC CONTROL	3,536	3,536
092	0604642A	LIGHT TACTICAL WHEELED VEHICLES	7,000	7,000
093	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV	36,242	36,242
094	0604710A	NIGHT VISION SYSTEMS—ENG DEV	108,504	126,004
		Unfunded requirement		[17,500]
095	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	3,702	3,702
096	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV	43,575	43,575
097	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	28,726	28,726
098	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	18,562	18,562
099	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	8,344	8,344
100	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV.	11,270	11,270
101	0604768A	BRILLIANT ANTI-ARMOR SUBMUNITION (BAT)	10,000	10,000
102	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE	18,566	18,566
103	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	145,360	145,360

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
104	0604802A	WEAPONS AND MUNITIONS—ENG DEV	145,232	157,410
		Unfunded requirement		[8,000]
		Unfunded requirement—40mm low velocity M320 cartridge		[4,178]
105	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	90,965	92,965
		Next generation vehicle camouflage technology		[2,000]
106	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV.	9,910	9,910
107	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.	39,238	39,238
108	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV	34,684	34,684
109	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.	164,409	188,409
		Unfunded requirement		[5,000]
		Unfunded requirement—Assured Communications		[19,000]
110	0604820A	RADAR DEVELOPMENT	32,968	32,968
111	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	49,554	49,554
112	0604823A	FIREFINDER	45,605	45,605
113	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL	16,127	23,127
		Program increase- soldier power development initiatives		[7,000]
114	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD	98,600	133,600
		Unfunded requirements		[35,000]
115	0604854A	ARTILLERY SYSTEMS—EMD	1,972	3,972
		Unfunded requirement—IT3 demonstrator		[2,000]
116	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT	81,776	81,776
117	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A)	172,361	172,361
118	0605028A	ARMORED MULTI-PURPOSE VEHICLE (AMPV)	199,778	199,778
119	0605029A	INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C).	4,418	4,418
120	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC)	15,877	15,877
121	0605031A	JOINT TACTICAL NETWORK (JTN)	44,150	44,150
122	0605032A	TRACTOR TIRE	34,670	113,570
		Unfunded requirement		[78,900]
123	0605033A	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EXPEDITIONARY (GBOSS-E).	5,207	5,207
124	0605034A	TACTICAL SECURITY SYSTEM (TSS)	4,727	4,727
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRC)	105,778	105,778
126	0605036A	COMBATING WEAPONS OF MASS DESTRUCTION (CWMD)	6,927	6,927
127	0605037A	EVIDENCE COLLECTION AND DETAINEE PROCESSING	214	214
128	0605038A	NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE (NBCRV) SENSOR SUITE.	16,125	16,125
129	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT	55,165	55,165
130	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	20,076	20,076
131	0605047A	CONTRACT WRITING SYSTEM	20,322	20,322
132	0605049A	MISSILE WARNING SYSTEM MODERNIZATION (MWSM)	55,810	55,810
133	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	30,879	30,879
134	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1	175,069	175,069
135	0605053A	GROUND ROBOTICS	70,760	70,760
137	0605380A	AMF JOINT TACTICAL RADIO SYSTEM (JTRS)	8,965	8,965
138	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM)	34,626	34,626
140	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)	336,420	252,320
		Program Reduction		[-84,100]
143	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP)	6,882	9,382
		Unfunded requirement		[2,500]
144	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	23,467	23,467
145	0605830A	AVIATION GROUND SUPPORT EQUIPMENT	6,930	6,930
146	0210609A	PALADIN INTEGRATED MANAGEMENT (PIM)	6,112	6,112
147	0303032A	TROJAN—RH12	4,431	4,431
150	0304270A	ELECTRONIC WARFARE DEVELOPMENT	14,616	14,616
151	1205117A	TRACTOR BEARS	17,928	17,928
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	3,012,840	3,111,418
		RDT&E MANAGEMENT SUPPORT		
152	0604256A	THREAT SIMULATOR DEVELOPMENT	22,862	22,862
153	0604258A	TARGET SYSTEMS DEVELOPMENT	13,902	13,902
154	0604759A	MAJOR T&E INVESTMENT	102,901	102,901
155	0605103A	RAND ARROYO CENTER	20,140	20,140
156	0605301A	ARMY KWAJALEIN ATOLL	246,663	246,663
157	0605326A	CONCEPTS EXPERIMENTATION PROGRAM	29,820	29,820
159	0605601A	ARMY TEST RANGES AND FACILITIES	307,588	307,588
160	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	49,242	49,242
161	0605604A	SURVIVABILITY/LETHALITY ANALYSIS	41,843	41,843
162	0605606A	AIRCRAFT CERTIFICATION	4,804	4,804
163	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	7,238	7,238
164	0605706A	MATERIEL SYSTEMS ANALYSIS	21,890	21,890
165	0605709A	EXPLOITATION OF FOREIGN ITEMS	12,684	12,684
166	0605712A	SUPPORT OF OPERATIONAL TESTING	51,040	51,040

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
167	0605716A	ARMY EVALUATION CENTER	56,246	56,246
168	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG ...	1,829	1,829
169	0605801A	PROGRAMWIDE ACTIVITIES	55,060	55,060
170	0605803A	TECHNICAL INFORMATION ACTIVITIES	33,934	33,934
171	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY.	43,444	43,444
172	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	5,087	5,087
173	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D - MHA	54,679	54,679
174	0606001A	MILITARY GROUND-BASED CREW TECHNOLOGY	7,916	7,916
175	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE	61,254	61,254
176	0303260A	DEFENSE MILITARY DECEPTION INITIATIVE	1,779	1,779
		SUBTOTAL RDT&E MANAGEMENT SUPPORT	1,253,845	1,253,845
		OPERATIONAL SYSTEMS DEVELOPMENT		
178	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM	8,929	8,929
179	0603813A	TRACTOR PULL	4,014	4,014
180	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT	4,094	4,094
181	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.	15,738	15,738
182	0607133A	TRACTOR SMOKE	4,513	4,513
183	0607134A	LONG RANGE PRECISION FIRES (LRPF)	102,014	102,014
184	0607135A	APACHE PRODUCT IMPROVEMENT PROGRAM	59,977	59,977
185	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM	34,416	43,716
		Unfunded requirement—UH-60V development		[9,300]
186	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM	194,567	194,567
187	0607138A	FIXED WING PRODUCT IMPROVEMENT PROGRAM	9,981	9,981
188	0607139A	IMPROVED TURBINE ENGINE PROGRAM	204,304	204,304
189	0607140A	EMERGING TECHNOLOGIES FROM NIE	1,023	1,023
190	0607141A	LOGISTICS AUTOMATION	1,504	1,504
191	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.	10,064	10,064
192	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	38,463	38,463
193	0607665A	FAMILY OF BIOMETRICS	6,159	6,159
194	0607865A	PATRIOT PRODUCT IMPROVEMENT	90,217	90,217
195	0202429A	AEROSTAT JOINT PROJECT—COCOM EXERCISE	6,749	6,749
196	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOC).	33,520	33,520
197	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS	343,175	351,175
		Unfunded requirement—M88A2E1		[8,000]
198	0203740A	MANEUVER CONTROL SYSTEM	6,639	6,639
199	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS	40,784	40,784
200	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.	39,358	39,358
201	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	145	145
202	0203758A	DIGITIZATION	4,803	4,803
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	2,723	17,723
		Realign European Reassurance Initiative to Base		[15,000]
204	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	5,000	5,000
205	0203808A	TRACTOR CARD	37,883	37,883
206	0205402A	INTEGRATED BASE DEFENSE—OPERATIONAL SYSTEM DEV		4,500
		Unfunded requirement—modal passive detection system		[4,500]
207	0205410A	MATERIALS HANDLING EQUIPMENT	1,582	1,582
208	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.	195	195
209	0205456A	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM ...	78,926	78,926
210	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS)	102,807	102,807
213	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES	13,807	13,807
214	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM	132,438	132,438
215	0303141A	GLOBAL COMBAT SUPPORT SYSTEM	64,370	64,370
217	0303150A	WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	10,475	10,475
220	0305172A	COMBINED ADVANCED APPLICATIONS	1,100	1,100
222	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	9,433	16,925
		Realign European Reassurance Initiative to Base		[7,492]
223	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	5,080	20,080
		Realign European Reassurance Initiative to Base		[15,000]
224	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	24,700	24,700
225	0305219A	MQ-1C GRAY EAGLE UAS	9,574	9,574
226	0305232A	RQ-11 UAV	2,191	2,191
227	0305233A	RQ-7 UAV	12,773	12,773
228	0307665A	BIOMETRICS ENABLED INTELLIGENCE	2,537	2,537
229	0310349A	WIN-T INCREMENT 2—INITIAL NETWORKING	4,723	4,723
230	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	60,877	60,877
231	1203142A	SATCOM GROUND ENVIRONMENT (SPACE)	11,959	11,959
232	1208053A	JOINT TACTICAL GROUND SYSTEM	10,228	10,228
232A	9999999999	CLASSIFIED PROGRAMS	7,154	7,154
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	1,877,685	1,936,977

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2018 Request	House Authorized
TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY			9,425,440	9,649,380
RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY				
BASIC RESEARCH				
001	0601103N	UNIVERSITY RESEARCH INITIATIVES	118,130	138,130
		Program Increase		[20,000]
002	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	19,438	19,438
003	0601153N	DEFENSE RESEARCH SCIENCES	458,333	458,333
SUBTOTAL BASIC RESEARCH			595,901	615,901
APPLIED RESEARCH				
004	0602114N	POWER PROJECTION APPLIED RESEARCH	13,553	13,553
005	0602123N	FORCE PROTECTION APPLIED RESEARCH	125,557	125,557
006	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY	53,936	53,936
007	0602235N	COMMON PICTURE APPLIED RESEARCH	36,450	36,450
008	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	48,649	48,649
009	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	79,598	79,598
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	42,411	42,411
011	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	6,425	6,425
012	0602747N	UNDERSEA WARFARE APPLIED RESEARCH	56,094	56,094
013	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	156,805	156,805
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	32,733	32,733
015	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH.	171,146	171,146
016	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.	62,722	62,722
SUBTOTAL APPLIED RESEARCH			886,079	886,079
ADVANCED TECHNOLOGY DEVELOPMENT				
019	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY	26,342	26,342
020	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	9,360	9,360
021	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	154,407	154,407
022	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT.	13,448	13,448
023	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.	231,772	231,772
024	0603680N	MANUFACTURING TECHNOLOGY PROGRAM	57,797	67,797
		Program Increase		[10,000]
025	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,878	4,878
027	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS.	64,889	64,889
028	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.	15,164	15,164
029	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	108,285	132,285
		Program increase for railgun tactical demonstrator		[24,000]
SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.			686,342	720,342
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
030	0603207N	AIR/OCEAN TACTICAL APPLICATIONS	48,365	48,365
031	0603216N	AVIATION SURVIVABILITY	5,566	5,566
033	0603251N	AIRCRAFT SYSTEMS	695	695
034	0603254N	ASW SYSTEMS DEVELOPMENT	7,661	7,661
035	0603261N	TACTICAL AIRBORNE RECONNAISSANCE	3,707	3,707
036	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY	61,381	61,381
037	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES.	154,117	177,117
		LDUV		[23,000]
038	0603506N	SURFACE SHIP TORPEDO DEFENSE	14,974	14,974
039	0603512N	CARRIER SYSTEMS DEVELOPMENT	9,296	9,296
040	0603525N	PILOT FISH	132,083	132,083
041	0603527N	RETRACT LARCH	15,407	15,407
042	0603536N	RETRACT JUNIPER	122,413	122,413
043	0603542N	RADIOLOGICAL CONTROL	745	745
044	0603553N	SURFACE ASW	1,136	1,136
045	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	100,955	100,955
046	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS	13,834	13,834
047	0603563N	SHIP CONCEPT ADVANCED DESIGN	36,891	36,891
048	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	12,012	12,012
049	0603570N	ADVANCED NUCLEAR POWER SYSTEMS	329,500	329,500
050	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS	29,953	29,953
051	0603576N	CHALK EAGLE	191,610	191,610
052	0603581N	LITTORAL COMBAT SHIP (LCS)	40,991	40,991
053	0603582N	COMBAT SYSTEM INTEGRATION	24,674	24,674
054	0603595N	OHIO REPLACEMENT	776,158	776,158

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
055	0603596N	LCS MISSION MODULES	116,871	116,871
056	0603597N	AUTOMATED TEST AND ANALYSIS	8,052	8,052
057	0603599N	FRIGATE DEVELOPMENT	143,450	143,450
058	0603609N	CONVENTIONAL MUNITIONS	8,909	8,909
060	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	1,428	1,428
061	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	53,367	53,367
063	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	8,212	8,212
064	0603721N	ENVIRONMENTAL PROTECTION	20,214	20,214
065	0603724N	NAVY ENERGY PROGRAM	50,623	50,623
066	0603725N	FACILITIES IMPROVEMENT	2,837	2,837
067	0603734N	CHALK CORAL	245,143	245,143
068	0603739N	NAVY LOGISTIC PRODUCTIVITY	2,995	2,995
069	0603746N	RETRACT MAPLE	306,101	306,101
070	0603748N	LINK PLUMERIA	253,675	253,675
071	0603751N	RETRACT ELM	55,691	55,691
072	0603764N	LINK EVERGREEN	48,982	48,982
074	0603790N	NATO RESEARCH AND DEVELOPMENT	9,099	9,099
075	0603795N	LAND ATTACK TECHNOLOGY	33,568	33,568
076	0603851M	JOINT NON-LETHAL WEAPONS TESTING	29,873	29,873
077	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS— DEM/VAL.	106,391	106,391
078	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	107,310	133,310
		Program increase for railgun tactical demonstrator		[26,000]
079	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80).	83,935	83,935
081	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTER- MEASURES (TADIRCM).	46,844	46,844
083	0604286M	MARINE CORPS ADDITIVE MANUFACTURING TECHNOLOGY DEVELOPMENT.	6,200	6,200
085	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE	7,055	7,055
086	0604454N	LX (R)	9,578	9,578
087	0604536N	ADVANCED UNDERSEA PROTOTYPING	66,543	76,543
		XLUV		[10,000]
089	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	31,315	31,315
090	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ ENGINEERING SUPPORT.	42,851	42,851
091	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOP- MENT.	160,694	160,694
093	0303354N	ASW SYSTEMS DEVELOPMENT—MIP	8,278	8,278
094	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	7,979	7,979
095	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP	527	527
		SUBTOTAL ADVANCED COMPONENT DEVELOP- MENT & PROTOTYPES.	4,218,714	4,277,714
		SYSTEM DEVELOPMENT & DEMONSTRATION		
096	0603208N	TRAINING SYSTEM AIRCRAFT	16,945	16,945
097	0604212N	OTHER HELO DEVELOPMENT	26,786	26,786
098	0604214N	AV-8B AIRCRAFT—ENG DEV	48,780	48,780
099	0604215N	STANDARDS DEVELOPMENT	2,722	2,722
100	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	5,371	5,371
101	0604218N	AIR/OCEAN EQUIPMENT ENGINEERING	782	782
102	0604221N	P-3 MODERNIZATION PROGRAM	1,361	1,361
103	0604230N	WARFARE SUPPORT SYSTEM	14,167	14,167
104	0604231N	TACTICAL COMMAND SYSTEM	55,695	55,695
105	0604234N	ADVANCED HAWKEYE	292,535	292,535
106	0604245N	H-1 UPGRADES	61,288	61,288
107	0604261N	ACOUSTIC SEARCH SENSORS	37,167	37,167
108	0604262N	V-22A	171,386	186,386
		Unfunded requirement		[15,000]
109	0604264N	AIR CREW SYSTEMS DEVELOPMENT	13,235	23,235
		Air Crew Sensor Improvements		[10,000]
110	0604269N	EA-18	173,488	173,488
111	0604270N	ELECTRONIC WARFARE DEVELOPMENT	54,055	83,055
		Unfunded requirement—EWSA		[5,500]
		Unfunded requirement—Intrepid Tiger II (V)3 UH-1Y jettison capability.		[3,000]
		Unfunded requirements—range improvements and upgrades		[20,500]
112	0604273N	EXECUTIVE HELO DEVELOPMENT	451,938	451,938
113	0604274N	NEXT GENERATION JAMMER (NGJ)	632,936	624,136
		Unjustified cost growth		[-8,800]
114	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY)	4,310	4,310
115	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II	66,686	66,686
116	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	390,238	390,238
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 SYS- TEMS ENGINEERING.	25,445	25,445

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
124	0604501N	ADVANCED ABOVE WATER SENSORS	87,233	92,233
		SPY-1 Solid State Advancement		[5,000]
125	0604503N	SSN-688 AND TRIDENT MODERNIZATION	130,981	130,981
126	0604504N	AIR CONTROL	75,186	75,186
127	0604512N	SHIPBOARD AVIATION SYSTEMS	177,926	177,926
128	0604518N	COMBAT INFORMATION CENTER CONVERSION	8,062	8,062
129	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	32,090	32,090
130	0604558N	NEW DESIGN SSN	120,087	120,087
131	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM	50,850	50,850
132	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E	67,166	87,166
		CVN 80 DFA		[20,000]
133	0604574N	NAVY TACTICAL COMPUTER RESOURCES	4,817	4,817
134	0604580N	VIRGINIA PAYLOAD MODULE (VPM)	72,861	72,861
135	0604601N	MINE DEVELOPMENT	25,635	25,635
136	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT	28,076	28,076
137	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	7,561	7,561
138	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FAC- TORS.	40,828	40,828
139	0604727N	JOINT STANDOFF WEAPON SYSTEMS	435	435
140	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	161,713	161,713
141	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	212,412	243,412
		OTH Weapon Development		[31,000]
142	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	103,391	103,391
143	0604761N	INTELLIGENCE ENGINEERING	34,855	34,855
144	0604771N	MEDICAL DEVELOPMENT	9,353	9,353
145	0604777N	NAVIGATION/ID SYSTEM	92,546	92,546
146	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD	152,934	152,934
147	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD	108,931	108,931
148	0604810M	JOINT STRIKE FIGHTER FOLLOW ON MODERNIZATION (FOM)—MARINE CORPS.	144,958	144,958
149	0604810N	JOINT STRIKE FIGHTER FOLLOW ON MODERNIZATION (FOM)—NAVY.	143,855	143,855
150	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT	14,865	14,865
151	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT	152,977	152,977
152	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT	3,410	3,410
153	0605212N	CH-53K RDTE	340,758	340,758
154	0605215N	MISSION PLANNING	33,430	33,430
155	0605217N	COMMON AVIONICS	58,163	58,163
156	0605220N	SHIP TO SHORE CONNECTOR (SSC)	22,410	22,410
157	0605327N	T-AO 205 CLASS	1,961	1,961
158	0605414N	UNMANNED CARRIER AVIATION (UCA)	222,208	222,208
159	0605450N	JOINT AIR-TO-GROUND MISSILE (JAGM)	15,473	15,473
160	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA)	11,795	11,795
161	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III	181,731	181,731
162	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOP- MENT & DEMONSTRATION.	178,993	178,993
163	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVEL- OPMENT & DEMONSTRATION.	20,710	20,710
164	0204202N	DDG-1000	140,500	140,500
168	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS	28,311	28,311
170	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	4,502	4,502
		SUBTOTAL SYSTEM DEVELOPMENT & DEM- ONSTRATION.	6,362,102	6,463,302
		MANAGEMENT SUPPORT		
171	0604256N	THREAT SIMULATOR DEVELOPMENT	91,819	91,819
172	0604258N	TARGET SYSTEMS DEVELOPMENT	23,053	23,053
173	0604759N	MAJOR T&E INVESTMENT	52,634	52,634
174	0605126N	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZA- TION.	141	141
175	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY	3,917	3,917
176	0605154N	CENTER FOR NAVAL ANALYSES	50,432	50,432
179	0605804N	TECHNICAL INFORMATION SERVICES	782	782
180	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	94,562	94,562
181	0605856N	STRATEGIC TECHNICAL SUPPORT	4,313	4,313
182	0605861N	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT	1,104	1,104
183	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT	105,666	105,666
184	0605864N	TEST AND EVALUATION SUPPORT	373,667	413,667
		Program increase		[40,000]
185	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY	20,298	20,298
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 SUP- PORT ACTIVITIES).	1,749	1,749
194	1206867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	9,408	9,408
		SUBTOTAL MANAGEMENT SUPPORT	945,757	985,757

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
OPERATIONAL SYSTEMS DEVELOPMENT				
196	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	92,571	103,571
		CEC IFF Mode 5 Acceleration		[11,000]
197	0607700N	DEPLOYABLE JOINT COMMAND AND CONTROL	3,137	3,137
198	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	135,219	135,219
199	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM	36,242	36,242
200	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	12,053	12,053
201	0101402N	NAVY STRATEGIC COMMUNICATIONS	18,221	18,221
203	0204136N	F/A-18 SQUADRONS	224,470	213,470
		Program reduction- delayed procurement rates		[-11,000]
204	0204163N	FLEET TELECOMMUNICATIONS (TACTICAL)	33,525	33,525
205	0204228N	SURFACE SUPPORT	24,829	24,829
206	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	133,617	142,617
		Tomahawk Modernization		[9,000]
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM	38,972	50,572
		Realign European Reassurance Initiative to Base		[11,600]
208	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT)	3,940	3,940
209	0204460M	GROUND/AIR TASK ORIENTED RADAR (GATOR)	54,645	54,645
210	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	66,518	76,518
		Modernization of Barking Sands Tactical Underwater Range		[10,000]
211	0204574N	CRYPTOLOGIC DIRECT SUPPORT	1,155	1,155
212	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT	51,040	51,040
213	0205601N	HARM IMPROVEMENT	87,989	97,989
		Unfunded requirement—AARGM Derivative Program		[10,000]
214	0205604N	TACTICAL DATA LINKS	89,852	89,852
215	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION	29,351	29,351
216	0205632N	MK-48 ADCAP	68,553	68,553
217	0205633N	AVIATION IMPROVEMENTS	119,099	119,099
218	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS	127,445	127,445
219	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS	123,825	120,325
		Excess growth—tactical radio systems		[-3,500]
220	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S)	7,343	7,343
221	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	66,009	66,009
222	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT	25,258	25,258
223	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)	30,886	30,886
224	0206629M	AMPHIBIOUS ASSAULT VEHICLE	58,728	58,728
225	0207161N	TACTICAL AIM MISSILES	42,884	51,884
		Unfunded requirement—AIM-9X Blk II Systems Improvement program		[9,000]
226	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	25,364	25,364
232	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES)	24,271	24,271
233	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM	50,269	50,269
236	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES	6,352	6,352
237	0305204N	TACTICAL UNMANNED AERIAL VEHICLES	7,770	7,770
238	0305205N	UAS INTEGRATION AND INTEROPERABILITY	39,736	39,736
239	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	12,867	12,867
240	0305208N	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	46,150	46,150
241	0305220N	MQ-4C TRITON	84,115	84,115
242	0305231N	MQ-8 UAV	62,656	62,656
243	0305232M	RQ-11 UAV	2,022	2,022
245	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASLO)	4,835	4,835
246	0305239M	RQ-21A	8,899	8,899
247	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT	99,020	99,020
248	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)	18,578	11,478
		Program reduction		[-7,100]
249	0305421N	RQ-4 MODERNIZATION	229,404	229,404
250	0308601N	MODELING AND SIMULATION SUPPORT	5,238	5,238
251	0702207N	DEPOT MAINTENANCE (NON-IF)	38,227	38,227
252	0708730N	MARITIME TECHNOLOGY (MARITECH)	4,808	4,808
253	1203109N	SATELLITE COMMUNICATIONS (SPACE)	37,836	37,836
253A	999999999	CLASSIFIED PROGRAMS	1,364,347	1,364,347
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	3,980,140	4,019,140
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.	17,675,035	17,968,235
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF		
		BASIC RESEARCH		
001	0601102F	DEFENSE RESEARCH SCIENCES	342,919	342,919
002	0601103F	UNIVERSITY RESEARCH INITIATIVES	147,923	147,923

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2018 Request	House Authorized
003	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES	14,417	14,417
		SUBTOTAL BASIC RESEARCH	505,259	505,259
		APPLIED RESEARCH		
004	0602102F	MATERIALS	124,264	124,264
005	0602201F	AEROSPACE VEHICLE TECHNOLOGIES	124,678	129,678
		Program increase		[5,000]
006	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH	108,784	108,784
007	0602203F	AEROSPACE PROPULSION	192,695	192,695
008	0602204F	AEROSPACE SENSORS	152,782	152,782
009	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEADQUARTERS ACTIVITIES.	8,353	8,353
010	0602601F	SPACE TECHNOLOGY	116,503	116,503
011	0602602F	CONVENTIONAL MUNITIONS	112,195	112,195
012	0602605F	DIRECTED ENERGY TECHNOLOGY	132,993	132,993
013	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS	167,818	167,818
014	0602890F	HIGH ENERGY LASER RESEARCH	43,049	43,049
		SUBTOTAL APPLIED RESEARCH	1,284,114	1,289,114
		ADVANCED TECHNOLOGY DEVELOPMENT		
015	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS	37,856	37,856
016	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	22,811	22,811
017	0603203F	ADVANCED AEROSPACE SENSORS	40,978	40,978
018	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO	115,966	115,966
019	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY	104,499	109,499
		Program Increase for Robust Electrical Power System		[5,000]
020	0603270F	ELECTRONIC COMBAT TECHNOLOGY	60,551	60,551
021	0603401F	ADVANCED SPACECRAFT TECHNOLOGY	58,910	58,910
022	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	10,433	10,433
023	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT.	33,635	33,635
024	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY	167,415	167,415
025	0603605F	ADVANCED WEAPONS TECHNOLOGY	45,502	45,502
026	0603680F	MANUFACTURING TECHNOLOGY PROGRAM	46,450	46,450
027	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION.	49,011	49,011
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	794,017	799,017
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
028	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT	5,652	8,352
		Unfunded requirement—OSINT exploitation and fusion		[1,200]
		Unfunded requirement—SIGINT Tactical Analysis Reporting Gateway.		[1,500]
030	0603742F	COMBAT IDENTIFICATION TECHNOLOGY	24,397	24,397
031	0603790F	NATO RESEARCH AND DEVELOPMENT	3,851	3,851
033	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL	10,736	10,736
034	0603859F	POLLUTION PREVENTION—DEM/VAL	2	2
035	0604015F	LONG RANGE STRIKE—BOMBER	2,003,580	2,003,580
036	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT	65,458	65,458
037	0604257F	ADVANCED TECHNOLOGY AND SENSORS	68,719	94,919
		Unfunded requirement—ASARS-2B		[11,500]
		Unfunded requirement—Hyperspectral Chip Development		[14,700]
038	0604288F	NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP	7,850	7,850
039	0604317F	TECHNOLOGY TRANSFER	3,295	3,295
040	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.	17,365	17,365
041	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS	32,253	32,253
044	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	26,222	26,222
046	0604858F	TECH TRANSITION PROGRAM	840,650	935,650
		Program Increase		[10,000]
		Unfunded Requirement		[70,000]
		Unfunded requirement—Long-Endurance Aerial Platform(LEAP) Ahead Prototyping.		[15,000]
047	0605230F	GROUND BASED STRATEGIC DETERRENT	215,721	215,721
049	0207110F	NEXT GENERATION AIR DOMINANCE	294,746	421,746
		Unfunded Requirement		[127,000]
050	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR)	10,645	10,645
052	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA)	41,509	41,509
053	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	226,287	226,287
054	0306415F	ENABLED CYBER ACTIVITIES	16,687	16,687
055	0408011F	SPECIAL TACTICS / COMBAT CONTROL	4,500	4,500
056	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	15,867	15,867
057	1203164F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE). Demonstration of Backup and Complementary PNT Capabilities of GPS.	253,939	263,939
				[10,000]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
058	1203710F	EO/IR WEATHER SYSTEMS	10,000	10,000
059	1206422F	WEATHER SYSTEM FOLLOW-ON	112,088	112,088
060	1206425F	SPACE SITUATION AWARENESS SYSTEMS	34,764	34,764
061	1206434F	MIDTERM POLAR MILSATCOM SYSTEM	63,092	63,092
062	1206438F	SPACE CONTROL TECHNOLOGY	7,842	7,842
063	1206730F	SPACE SECURITY AND DEFENSE PROGRAM	41,385	41,385
064	1206760F	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)	18,150	18,150
065	1206761F	PROTECTED TACTICAL SERVICE (PTS)	24,201	24,201
066	1206855F	PROTECTED SATCOM SERVICES (PSCS)—AGGREGATED	16,000	16,000
067	1206857F	OPERATIONALLY RESPONSIVE SPACE	87,577	117,577
		Responsive Launch vehicles, infrastructure, and small sats		[30,000]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	4,605,030	4,895,930
SYSTEM DEVELOPMENT & DEMONSTRATION				
068	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	5,100	5,100
069	0604201F	INTEGRATED AVONICS PLANNING AND DEVELOPMENT	101,203	101,203
070	0604222F	NUCLEAR WEAPONS SUPPORT	3,009	3,009
071	0604270F	ELECTRONIC WARFARE DEVELOPMENT	2,241	2,241
072	0604281F	TACTICAL DATA NETWORKS ENTERPRISE	38,250	38,250
073	0604287F	PHYSICAL SECURITY EQUIPMENT	19,739	19,739
074	0604329F	SMALL DIAMETER BOMB (SDB)—EMD	38,979	38,979
078	0604429F	AIRBORNE ELECTRONIC ATTACK	7,091	7,091
080	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT	46,540	46,540
081	0604604F	SUBMUNITIONS	2,705	2,705
082	0604617F	AGILE COMBAT SUPPORT	31,240	34,240
		Joint Expeditionary Airfield Damage Repair		[3,000]
084	0604706F	LIFE SUPPORT SYSTEMS	9,060	9,060
085	0604735F	COMBAT TRAINING RANGES	87,350	87,350
086	0604800F	F-35—EMD	292,947	292,947
088	0604932F	LONG RANGE STANDOFF WEAPON	451,290	451,290
089	0604933F	ICBM FUZE MODERNIZATION	178,991	178,991
090	0605030F	JOINT TACTICAL NETWORK CENTER (JTNC)	12,736	12,736
091	0605031F	JOINT TACTICAL NETWORK (JTN)	9,319	9,319
092	0605213F	F-22 MODERNIZATION INCREMENT 3.2B	13,600	13,600
094	0605221F	KC-46	93,845	0
		Under execution		[-93,845]
095	0605223F	ADVANCED PILOT TRAINING	105,999	105,999
096	0605229F	COMBAT RESCUE HELICOPTER	354,485	354,485
100	0605458F	AIR & SPACE OPS CENTER 10.2 RDT&E	119,745	59,745
		Program reduction		[-60,000]
101	0605931F	B-2 DEFENSIVE MANAGEMENT SYSTEM	194,570	194,570
102	0101125F	NUCLEAR WEAPONS MODERNIZATION	91,237	91,237
103	0207171F	F-15 EPAWSS	209,847	209,847
104	0207328F	STAND IN ATTACK WEAPON	3,400	3,400
105	0207701F	FULL COMBAT MISSION TRAINING	16,727	16,727
109	0307581F	JSTARS RECAP	417,201	417,201
110	0401310F	C-32 EXECUTIVE TRANSPORT RECAPITALIZATION	6,017	6,017
111	0401319F	PRESIDENTIAL AIRCRAFT RECAPITALIZATION (PAR)	434,069	434,069
112	0701212F	AUTOMATED TEST SYSTEMS	18,528	18,528
113	1203176F	COMBAT SURVIVOR EVADER LOCATOR	24,967	24,967
114	1203940F	SPACE SITUATION AWARENESS OPERATIONS	10,029	10,029
115	1206421F	COUNTERSPACE SYSTEMS	66,370	66,370
116	1206425F	SPACE SITUATION AWARENESS SYSTEMS	48,448	48,448
117	1206426F	SPACE FENCE	35,937	35,937
118	1206431F	ADVANCED EHF MILSATCOM (SPACE)	145,610	145,610
119	1206432F	POLAR MILSATCOM (SPACE)	33,644	33,644
120	1206433F	WIDEBAND GLOBAL SATCOM (SPACE)	14,263	14,263
121	1206441F	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD	311,844	311,844
122	1206442F	EVOLVED SBIRS	71,018	71,018
123	1206853F	EELV MODERNIZATION AND SUSTAINMENT OF ASSURED ACCESS TO SPACE.	297,572	297,572
		EELV Modernization		[297,572]
		Launch Service Agreement		[-297,572]
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	4,476,762	4,325,917
MANAGEMENT SUPPORT				
124	0604256F	THREAT SIMULATOR DEVELOPMENT	35,405	35,405
125	0604759F	MAJOR T&E INVESTMENT	82,874	87,874
		Unfunded requirement		[5,000]
126	0605101F	RAND PROJECT AIR FORCE	34,346	34,346
128	0605712F	INITIAL OPERATIONAL TEST & EVALUATION	15,523	15,523
129	0605807F	TEST AND EVALUATION SUPPORT	678,289	738,089
		Program Increase		[32,400]
		Unfunded Requirement		[27,400]
130	0605826F	ACQ WORKFORCE- GLOBAL POWER	219,809	219,809
131	0605827F	ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS	223,179	223,179

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
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	110,453
		Unfunded requirement		[50,000]
		Unfunded requirement—Penetrating Counter air (PCA) Risk Reduction.		[25,000]
146	0308602F	ENTEPRISE INFORMATION SERVICES (EIS)	29,049	29,049
147	0702806F	ACQUISITION AND MANAGEMENT SUPPORT	14,980	14,980
148	0804731F	GENERAL SKILL TRAINING	1,434	1,434
150	1001004F	INTERNATIONAL ACTIVITIES	4,569	4,569
151	1206116F	SPACE TEST AND TRAINING RANGE DEVELOPMENT	25,773	25,773
152	1206392F	SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE	169,887	169,887
153	1206398F	SPACE & MISSILE SYSTEMS CENTER—MHA	9,531	9,531
154	1206860F	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	20,975	20,975
155	1206864F	SPACE TEST PROGRAM (STP)	25,398	25,398
		SUBTOTAL MANAGEMENT SUPPORT	2,663,875	2,803,675
OPERATIONAL SYSTEMS DEVELOPMENT				
157	0604222F	NUCLEAR WEAPONS SUPPORT	27,579	27,579
158	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	5,776	5,776
159	0604445F	WIDE AREA SURVEILLANCE	16,247	16,247
161	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS) ..	21,915	21,915
162	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	33,150	33,150
163	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	66,653	66,653
164	0605278F	HC/MC-130 RECAP RDT&E	38,579	38,579
165	0606018F	NC3 INTEGRATION	12,636	12,636
166	0101113F	B-52 SQUADRONS	111,910	111,910
167	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM)	463	463
168	0101126F	B-1B SQUADRONS	62,471	62,471
169	0101127F	B-2 SQUADRONS	193,108	193,108
170	0101213F	MINUTEMAN SQUADRONS	210,845	210,845
		Increase ICBM Cryptography Upgrade II		[20,000]
		Reduce MM Ground and Communications Equipment		[-10,000]
		Reduce MM Support Equipment		[-10,000]
171	0101313F	INTEGRATED STRATEGIC PLANNING AND ANALYSIS NETWORK (ISPAN)—USSTRATCOM.	25,736	25,736
173	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	6,272	70,272
		Enhances E-4B cyber security		[64,000]
174	0101324F	INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK.	11,032	11,032
176	0102110F	UH-1N REPLACEMENT PROGRAM	108,617	108,617
177	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM.	3,347	3,347
179	0205219F	MQ-9 UAV	201,394	201,394
182	0207131F	A-10 SQUADRONS	17,459	17,459
183	0207133F	F-16 SQUADRONS	246,578	271,578
		Unfunded requirement—MIDS-JTRS software changes		[25,000]
184	0207134F	F-15E SQUADRONS	320,271	320,271
185	0207136F	MANNED DESTRUCTIVE SUPPRESSION	15,106	35,106
		HTS pod block upgrade program		[20,000]
186	0207138F	F-22A SQUADRONS	610,942	610,942
187	0207142F	F-35 SQUADRONS	334,530	334,530
188	0207161F	TACTICAL AIM MISSILES	34,952	34,952
189	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	61,322	61,322
191	0207227F	COMBAT RESCUE—PARARESCUE	693	693
193	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT	1,714	1,714
194	0207253F	COMPASS CALL	14,040	14,040
195	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	109,243	109,243
197	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	29,932	29,932
198	0207410F	AIR & SPACE OPERATIONS CENTER (AOC)	26,956	26,956
199	0207412F	CONTROL AND REPORTING CENTER (CRC)	2,450	2,450
200	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	151,726	151,726
201	0207418F	TACTICAL AIRBORNE CONTROL SYSTEMS	3,656	3,656
203	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	13,420	13,420
204	0207444F	TACTICAL AIR CONTROL PARTY-MOD	10,623	10,623
205	0207448F	C2ISR TACTICAL DATA LINK	1,754	1,754
206	0207452F	DCAPES	17,382	17,382
207	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS	2,307	2,307
208	0207590F	SEEK EAGLE	25,397	25,397

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
209	0207601F	USAF MODELING AND SIMULATION	10,175	10,175
210	0207605F	WARGAMING AND SIMULATION CENTERS	12,839	12,839
211	0207697F	DISTRIBUTED TRAINING AND EXERCISES	4,190	4,190
212	0208006F	MISSION PLANNING SYSTEMS	85,531	85,531
213	0208007F	TACTICAL DECEPTION	3,761	3,761
214	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS	35,693	35,693
215	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS	20,964	20,964
218	0301017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)	3,549	3,549
219	0301112F	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES)	4,371	4,371
227	0301401F	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS.	3,721	3,721
228	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) ...	35,467	35,467
230	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NET- WORK (MEECN).	48,841	48,841
231	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM	42,973	42,973
232	0303141F	GLOBAL COMBAT SUPPORT SYSTEM	105	105
233	0303142F	GLOBAL FORCE MANAGEMENT—DATA INITIATIVE	2,147	2,147
236	0304260F	AIRBORNE SIGINT ENTERPRISE	121,948	121,948
237	0304310F	COMMERCIAL ECONOMIC ANALYSIS	3,544	3,544
240	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY	1,542	1,542
241	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	4,453	4,453
243	0305111F	WEATHER SERVICE	26,654	31,654
		Commercial weather pilot program		[5,000]
244	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCALs).	6,306	7,806
		Unfunded requirement—ground based sense and avoid		[1,500]
245	0305116F	AERIAL TARGETS	21,295	21,295
248	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES	415	415
250	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	3,867	3,867
257	0305202F	DRAGON U-2	34,486	34,486
259	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS	4,450	17,250
		WAMI Technology Upgrades		[12,800]
260	0305207F	MANNED RECONNAISSANCE SYSTEMS	14,269	14,269
261	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	27,501	39,001
		Unfunded requirement		[11,500]
262	0305220F	RQ-4 UAV	214,849	214,849
263	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING	18,842	18,842
265	0305238F	NATO AGS	44,729	44,729
266	0305240F	SUPPORT TO DCGS ENTERPRISE	26,349	26,349
269	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND AR- CHITECTURES.	3,491	3,491
271	0305881F	RAPID CYBER ACQUISITION	4,899	4,899
275	0305984F	PERSONNEL RECOVERY COMMAND & CTRL (PRC2)	2,445	2,445
276	0307577F	INTELLIGENCE MISSION DATA (IMD)	8,684	8,684
278	0401115F	C-130 AIRLIFT SQUADRON	10,219	10,219
279	0401119F	C-5 AIRLIFT SQUADRONS (IF)	22,758	22,758
280	0401130F	C-17 AIRCRAFT (IF)	34,287	34,287
281	0401132F	C-130J PROGRAM	26,821	26,821
282	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)	5,283	5,283
283	0401218F	KC-135S	9,942	9,942
284	0401219F	KC-10S	7,933	7,933
285	0401314F	OPERATIONAL SUPPORT AIRLIFT	6,681	6,681
286	0401318F	CV-22	22,519	22,519
287	0401840F	AMC COMMAND AND CONTROL SYSTEM	3,510	3,510
288	0408011F	SPECIAL TACTICS / COMBAT CONTROL	8,090	8,090
289	0702207F	DEPOT MAINTENANCE (NON-IF)	1,528	1,528
290	0708055F	MAINTENANCE, REPAIR & OVERHAUL SYSTEM	31,677	31,677
291	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	33,344	33,344
292	0708611F	SUPPORT SYSTEMS DEVELOPMENT	9,362	9,362
293	0804743F	OTHER FLIGHT TRAINING	2,074	2,074
294	0808716F	OTHER PERSONNEL ACTIVITIES	107	107
295	0901202F	JOINT PERSONNEL RECOVERY AGENCY	2,006	2,006
296	0901218F	CIVILIAN COMPENSATION PROGRAM	3,780	3,780
297	0901220F	PERSONNEL ADMINISTRATION	7,472	7,472
298	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY	1,563	1,563
299	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVEL- OPMENT.	91,211	91,211
300	1201921F	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES	14,255	14,255
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 CON- TROL SEGMENTS).	10,029	10,029
306	1203173F	SPACE AND MISSILE TEST AND EVALUATION CENTER	25,051	25,051
307	1203174F	SPACE INNOVATION, INTEGRATION AND RAPID TECH- NOLOGY DEVELOPMENT.	11,390	11,390
308	1203179F	INTEGRATED BROADCAST SERVICE (IBS)	8,747	8,747
309	1203182F	SPACE LIFT RANGE SYSTEM (SPACE)	10,549	10,549

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2018 Request	House Authorized
310	1203265F	GPS III SPACE SEGMENT	243,435	243,435
311	1203400F	SPACE SUPERIORITY INTELLIGENCE	12,691	12,691
312	1203614F	JSPOC MISSION SYSTEM	99,455	99,455
313	1203620F	NATIONAL SPACE DEFENSE CENTER	18,052	18,052
314	1203699F	SHARED EARLY WARNING (SEW)	1,373	1,373
315	1203906F	NCMC—TWAA SYSTEM	5,000	5,000
316	1203913F	NUDET DETECTION SYSTEM (SPACE)	31,508	31,508
317	1203940F	SPACE SITUATION AWARENESS OPERATIONS	99,984	99,984
318	1206423F	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CON- TROL SEGMENT.	510,938	510,938
318A	9999999999	CLASSIFIED PROGRAMS	14,938,002	14,974,002
		Program increase		[36,000]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOP- MENT.	20,585,302	20,761,102
		UNDISTRIBUTED		
319	0901560F	UNDISTRIBUTED		-195,900
		Bomber Modernization—Excess to Need		[-195,900]
		SUBTOTAL UNDISTRIBUTED		-195,900
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	34,914,359	35,184,114
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		BASIC RESEARCH		
001	0601000BR	DTRA BASIC RESEARCH	37,201	37,201
002	0601101E	DEFENSE RESEARCH SCIENCES	432,347	432,347
003	0601110D8Z	BASIC RESEARCH INITIATIVES	40,612	40,612
004	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE	43,126	43,126
005	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM	74,298	74,298
006	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MI- NORITY INSTITUTIONS.	25,865	35,865
		Program Increase		[10,000]
007	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	43,898	43,898
		SUBTOTAL BASIC RESEARCH	697,347	707,347
		APPLIED RESEARCH		
008	0602000D8Z	JOINT MUNITIONS TECHNOLOGY	19,111	19,111
009	0602115E	BIOMEDICAL TECHNOLOGY	109,360	109,360
011	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM	49,748	49,748
012	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRI- ORITIES.	49,226	49,226
013	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY	392,784	392,784
014	0602383E	BIOLOGICAL WARFARE DEFENSE	13,014	13,014
015	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	201,053	201,053
016	0602668D8Z	CYBER SECURITY RESEARCH	14,775	14,775
017	0602702E	TACTICAL TECHNOLOGY	343,776	343,776
018	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY	224,440	224,440
019	0602716E	ELECTRONICS TECHNOLOGY	295,447	295,447
020	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RE- SEARCH.	157,908	157,908
021	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RE- SEARCH.	8,955	8,955
022	1160401BB	SOF TECHNOLOGY DEVELOPMENT	34,493	34,493
		SUBTOTAL APPLIED RESEARCH	1,914,090	1,914,090
		ADVANCED TECHNOLOGY DEVELOPMENT		
023	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY	25,627	25,627
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	76,230	81,230
		Program increase—conventional EOD equipment		[5,000]
025	0603133D8Z	FOREIGN COMPARATIVE TESTING	24,199	24,199
026	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.	268,607	268,607
027	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT ...	12,996	12,996
029	0603178C	WEAPONS TECHNOLOGY	5,495	60,595
		Restore funding for directed energy prioritization in DoD's BMD efforts.		[55,100]
031	0603180C	ADVANCED RESEARCH	20,184	20,184
032	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	18,662	18,662
035	0603286E	ADVANCED AEROSPACE SYSTEMS	155,406	155,406
036	0603287E	SPACE PROGRAMS AND TECHNOLOGY	247,435	247,435
037	0603288D8Z	ANALYTIC ASSESSMENTS	13,154	13,154
038	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	37,674	37,674
039	0603291D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA ..	15,000	15,000
040	0603294C	COMMON KILL VEHICLE TECHNOLOGY	252,879	252,879
041	0603342D8W	DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUX)	29,594	29,594
042	0603375D8Z	TECHNOLOGY INNOVATION	59,863	24,863
		Unjustified growth		[-35,000]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2018 Request	House Authorized
043	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	145,359	145,359
044	0603527D8Z	RETRACT LARCH	171,120	171,120
045	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY	14,389	14,389
046	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS	105,871	105,871
047	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES	12,661	12,661
048	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	136,159	136,159
049	0603680S	MANUFACTURING TECHNOLOGY PROGRAM	40,511	40,511
050	0603699D8Z	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT SOCOM ATL effort	57,876	49,876 [-8,000]
051	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	10,611	10,611
053	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	71,832	71,832
054	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	219,803	219,803
055	0603727D8Z	JOINT WARFIGHTING PROGRAM	6,349	6,349
056	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES	79,173	79,173
057	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	106,787	106,787
058	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY	439,386	439,386
059	0603767E	SENSOR TECHNOLOGY	210,123	210,123
060	0603769D8Z	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.	11,211	11,211
062	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE	15,047	15,047
063	0603826D8Z	QUICK REACTION SPECIAL PROJECTS	69,203	69,203
064	0603833D8Z	ENGINEERING SCIENCE & TECHNOLOGY	25,395	25,395
065	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY	89,586	89,586
066	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	38,403	38,403
067	0303310D8Z	CWMD SYSTEMS	33,382	33,382
068	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT	72,605	72,605
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	3,445,847	3,462,947
		ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES		
069	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	32,937	32,937
070	0603600D8Z	WALKOFF	101,714	101,714
072	0603821D8Z	ACQUISITION ENTERPRISE DATA & INFORMATION SERVICES.	2,198	2,198
073	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	54,583	54,583
074	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT.	230,162	230,162
075	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT. Improve Discrimination Capability for GMD	828,097	850,093 [21,996]
076	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEVAL.	148,518	148,518
077	0603884C	BALLISTIC MISSILE DEFENSE SENSORS	247,345	326,207 [21,000]
		Funding increase to accelerate development and deployment of interim and perm MD enhancements for HI. Improve Discrimination Capability for GMD		[57,862]
078	0603890C	BMD ENABLING PROGRAMS	449,442	478,884 [23,342]
		GMD Discrimination		[6,100]
		Improve High Fidelity Modeling and Simulation for GMD		[6,100]
079	0603891C	SPECIAL PROGRAMS—MDA	320,190	320,190
080	0603892C	AEGIS BMD	852,052	852,052
083	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI.	430,115	430,115
084	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT.	48,954	48,954
085	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	53,265	53,265
086	0603906C	REGARDING TRENCH	9,113	9,113
087	0603907C	SEA BASED X-BAND RADAR (SBX)	130,695	130,695
088	0603913C	ISRAELI COOPERATIVE PROGRAMS	105,354	105,354
089	0603914C	BALLISTIC MISSILE DEFENSE TEST	305,791	305,791
090	0603915C	BALLISTIC MISSILE DEFENSE TARGETS	410,425	410,425
091	0603920D8Z	HUMANITARIAN DEMINING	10,837	10,837
092	0603923D8Z	COALITION WARFARE	10,740	10,740
093	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,837	3,837
094	0604115C	TECHNOLOGY MATURATION INITIATIVES Acceleration of kinetic and nonkinetic boost phase BMD	128,406	228,406 [100,000]
095	0604132D8Z	MISSILE DEFEAT PROJECT	98,369	98,369
096	0604181C	HYPERSONIC DEFENSE	75,300	75,300
097	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES	1,175,832	1,175,832
098	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS	83,626	83,626
099	0604331D8Z	RAPID PROTOTYPING PROGRAM	100,000	100,000

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2018 Request	House Authorized
101	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	3,967	3,967
102	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA).	3,833	3,833
104	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	23,638	23,638
105	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR)	357,659	357,659
106	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS	465,530	545,530
		C3 Booster Development		[80,000]
107	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	36,239	36,239
108	0604878C	AEGIS BMD TEST	134,468	160,819
		To provide AAW at Aegis Ashore sites, consistent w/ FY16 and FY17 NDAA's.		[26,351]
109	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST	84,239	84,239
110	0604880C	LAND-BASED SM-3 (LBSM3)	30,486	97,761
		To provide AAW at Aegis Ashore sites, consistent w/ FY16 and FY17 NDAA's.		[67,275]
111	0604881C	AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT	9,739	9,739
112	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST	76,757	76,757
113	0604894C	MULTI-OBJECT KILL VEHICLE	6,500	6,500
114	0303191D8Z	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM	2,902	2,902
115	0305103C	CYBER SECURITY INITIATIVE	986	986
116	1206893C	SPACE TRACKING & SURVEILLANCE SYSTEM	34,907	34,907
117	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS ..	16,994	16,994
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.	7,736,741	8,140,667
		SYSTEM DEVELOPMENT AND DEMONSTRATION		
118	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	12,536	12,536
119	0604165D8Z	PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT	201,749	201,749
120	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD	406,789	406,789
122	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS).	15,358	15,358
123	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.	6,241	6,241
124	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT	12,322	12,322
125	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE	4,893	4,893
126	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM	3,162	3,162
127	0605027D8Z	OUS(D) IT DEVELOPMENT INITIATIVES	21,353	21,353
128	0605070S	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION.	6,266	6,266
129	0605075D8Z	DCMO POLICY AND INTEGRATION	2,810	2,810
130	0605080S	DEFENSE AGENCY INITIATIVES (DAD)—FINANCIAL SYSTEM	24,436	24,436
131	0605090S	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS)	13,475	13,475
133	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES.	11,870	11,870
134	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS	61,084	61,084
135	0303141K	GLOBAL COMBAT SUPPORT SYSTEM	2,576	2,576
136	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEM).	3,669	3,669
137	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	8,230	8,230
		SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION.	818,819	818,819
		MANAGEMENT SUPPORT		
138	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS)	6,941	6,941
139	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	4,851	4,851
140	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).	211,325	211,325
141	0604942D8Z	ASSESSMENTS AND EVALUATIONS	30,144	50,144
		Program increase for cyber vulnerability assessments and hardening.		[20,000]
142	0605001E	MISSION SUPPORT	63,769	63,769
143	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	91,057	91,057
144	0605104D8Z	TECHNICAL STUDIES, SUPPORT AND ANALYSIS	22,386	22,386
145	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).	36,581	36,581
147	0605142D8Z	SYSTEMS ENGINEERING	37,622	37,622
148	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD	5,200	5,200
149	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY	5,232	5,232
150	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	12,583	12,583
151	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE)	31,451	31,451
152	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	104,348	104,348
161	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.	2,372	2,372

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
162	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS	24,365	24,365
163	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	54,145	54,145
164	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION.	30,356	30,356
165	0605804D8Z	DEVELOPMENT TEST AND EVALUATION	20,571	20,571
166	0605898E	MANAGEMENT HQ—R&D	14,017	14,017
167	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC).	4,187	4,187
168	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS	3,992	3,992
169	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS	1,000	1,000
170	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI)	2,551	2,551
171	0204571J	JOINT STAFF ANALYTICAL SUPPORT	7,712	7,712
174	0303166J	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES.	673	673
175	0303260D8Z	DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO).	1,006	1,006
177	0305172K	COMBINED ADVANCED APPLICATIONS	16,998	16,998
180	0305245D8Z	INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS.	18,992	18,992
181	0306310D8Z	CWMD SYSTEMS: RDT&E MANAGEMENT SUPPORT	1,231	1,231
183	0804767J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—MHA.	44,500	44,500
184	0901598C	MANAGEMENT HQ—MDA	29,947	29,947
187	0903235K	JOINT SERVICE PROVIDER (JSP)	5,113	5,113
187A	9999999999	CLASSIFIED PROGRAMS	63,312	63,312
		SUBTOTAL MANAGEMENT SUPPORT	1,010,530	1,030,530
		OPERATIONAL SYSTEM DEVELOPMENT		
188	0604130V	ENTERPRISE SECURITY SYSTEM (ESS)	4,565	4,565
189	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA.	1,871	1,871
190	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHASIS).	298	298
191	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT Program increase for increase analytical support	10,882	15,882 [5,000]
192	0607310D8Z	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT	7,222	7,222
193	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS).	14,450	14,450
194	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).	45,677	45,677
195	0208043J	PLANNING AND DECISION AID SYSTEM (PDAS)	3,037	3,037
196	0208045K	C4I INTEROPERABILITY	59,490	59,490
198	0301144K	JOINT/ALLIED COALITION INFORMATION SHARING	6,104	6,104
202	0302016K	NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT	1,863	1,863
203	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION.	21,564	21,564
204	0303126K	LONG-HAUL COMMUNICATIONS—DCS	15,428	15,428
205	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	15,855	15,855
206	0303135G	PUBLIC KEY INFRASTRUCTURE (PKI)	4,811	4,811
207	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI)	33,746	33,746
208	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM	9,415	19,415 [10,000]
		Cyber Scholarship Program		
209	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM	227,652	235,652 [8,000]
		Program increase to support cyber defense education of reservists and the National Guard.		
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	37,863
251	1160403BB	AVIATION SYSTEMS	259,886	267,386 [7,500]
		Per SOCOM requested realignment		
252	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT	8,245	8,245
253	1160408BB	OPERATIONAL ENHANCEMENTS	79,455	79,455
254	1160431BB	WARRIOR SYSTEMS	45,935	45,935
255	1160432BB	SPECIAL PROGRAMS	1,978	1,978

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2018 Request	House Authorized
256	1160434BB	UNMANNED ISR	31,766	31,766
257	1160480BB	SOF TACTICAL VEHICLES	2,578	2,578
258	1160483BB	MARITIME SYSTEMS	42,315	55,115
		Per SOCOM requested realignment		[12,800]
259	1160489BB	GLOBAL VIDEO SURVEILLANCE ACTIVITIES	4,661	4,661
260	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE	12,049	12,049
261	1203610K	TELEPORT PROGRAM	642	642
261A	999999999	CLASSIFIED PROGRAMS	3,689,646	3,689,646
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT	4,867,528	4,910,828
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	20,490,902	20,985,228
		OPERATIONAL TEST & EVAL, DEFENSE MANAGEMENT SUPPORT		
001	0605118OTE	OPERATIONAL TEST AND EVALUATION	83,503	83,503
002	0605131OTE	LIVE FIRE TEST AND EVALUATION	59,500	59,500
003	0605814OTE	OPERATIONAL TEST ACTIVITIES AND ANALYSES	67,897	67,897
		SUBTOTAL MANAGEMENT SUPPORT	210,900	210,900
		TOTAL OPERATIONAL TEST & EVAL, DEFENSE	210,900	210,900
		TOTAL RDT&E	82,716,636	83,997,857

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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	House Authorized
006	0602120A	SENSORS AND ELECTRONIC SURVIVABILITY		v
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
055	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	15,000	0
		Realign European Reassurance Initiative to Base		[-15,000]
058	0603639A	TANK AND MEDIUM CALIBER AMMUNITION		4,000
		Unfunded requirement—JLTV lethality 30mm upgrade		[4,000]
060	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	3,000	3,000
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	18,000	7,000
SYSTEM DEVELOPMENT & DEMONSTRATION				
080	0604201A	AIRCRAFT AVIONICS		12,000
		Unfunded requirement—A-PNT measures		[12,000]
122	0605032A	TRACTOR TIRE	5,000	5,000
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCМ)	21,540	21,540
132	0605049A	MISSILE WARNING SYSTEM MODERNIZATION (MWSM)		155,000
		Unfunded requirements—LIMWS		[155,000]
133	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	30,100	30,100
147	0303032A	TROJAN—RH12	1,200	1,200
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	57,840	224,840
OPERATIONAL SYSTEMS DEVELOPMENT				
183	0607134A	LONG RANGE PRECISION FIRES (LRPF)		56,731
		Unfunded requirement		[42,731]
		Unfunded requirement—CDAEM Bridging Strategy		[14,000]
191	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.		8,000
		Unfunded requirement—M282 warhead qualification		[8,000]
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM ...	15,000	0
		Realign European Reassurance Initiative to Base		[-15,000]
222	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	7,492	0
		Realign European Reassurance Initiative to Base		[-7,492]
223	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	15,000	0
		Realign European Reassurance Initiative to Base		[-15,000]
228	0307665A	BIOMETRICS ENABLED INTELLIGENCE	6,036	6,036
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	43,528	70,767
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.	119,368	302,607
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
041	0603527N	RETRACT LARCH	22,000	22,000
081	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM).	5,710	5,710
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	27,710	27,710
OPERATIONAL SYSTEMS DEVELOPMENT				
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM	11,600	0
		Realign European Reassurance Initiative to Base		[-11,600]
211	0204574N	CRYPTOLOGIC DIRECT SUPPORT	1,200	1,200
253A	9999999999	CLASSIFIED PROGRAMS	89,855	89,855
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	102,655	91,055
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.	130,365	118,765
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
029	0603438F	SPACE CONTROL TECHNOLOGY	7,800	7,800
053	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	5,400	5,400
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	13,200	13,200
OPERATIONAL SYSTEMS DEVELOPMENT				

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
196	0207277F	ISR INNOVATIONS	5,750	5,750
214	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS	4,000	4,000
286	0401318F	CV-22		14,000
		Unfunded requirement—common electrical interface		[7,000]
		Unfunded requirement—intelligence broadcast system		[7,000]
318A	9999999999	CLASSIFIED PROGRAMS	112,408	112,408
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	122,158	136,158
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	135,358	149,358
		ADVANCED TECHNOLOGY DEVELOPMENT		
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	25,000	25,000
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	25,000	25,000
		ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES		
088	0603913C	ISRAELI COOPERATIVE PROGRAMS		507,646
		Additional Cooperative funds, consistent with Title XVI authorizations.		[507,646]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.		507,646
		OPERATIONAL SYSTEM DEVELOPMENT		
253	1160408BB	OPERATIONAL ENHANCEMENTS	1,920	3,920
		Unfunded Requirement- Publicly Available Information (PAI) Capability Acceleration.		[2,000]
256	1160434BB	UNMANNED ISR	3,000	3,000
261A	9999999999	CLASSIFIED PROGRAMS	196,176	196,176
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT ...	201,096	203,096
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	226,096	735,742
		TOTAL RDT&E	611,187	1,306,472



1 **SEC. 4203. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
 2 **TION FOR OVERSEAS CONTINGENCY OPER-**
 3 **ATIONS FOR BASE REQUIREMENTS.**

SEC. 4203. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
 (In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized
RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY				
ADVANCED TECHNOLOGY DEVELOPMENT				
042	0603270A	ELECTRONIC WARFARE TECHNOLOGY		3,000
		Multi-Domain Battle Exercise Capability		[3,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.		3,000
SYSTEM DEVELOPMENT & DEMONSTRATION				
085	0604328A	TRACTOR CAGE		13,000
		Unfunded Requirement		[13,000]
117	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A) ..		15,000
		Unfunded Requirement		[15,000]
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.		28,000
OPERATIONAL SYSTEMS DEVELOPMENT				
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM ...		26,000
		Unfunded requirement—Stinger PIP		[26,000]
213	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES		21,845
		Unfunded Requirement		[21,845]
214	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM		7,021
		Unfunded Requirement		[7,021]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT		54,866
TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.				85,866
RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY				
APPLIED RESEARCH				
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH ...		15,000
		AGOR SLEP		[15,000]
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH ..		23,500
		MS-177A Maritime Sensor		[23,500]
		SUBTOTAL APPLIED RESEARCH		38,500
TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.				38,500
RESEARCH, DEVELOPMENT, TEST & EVAL, AF				
APPLIED RESEARCH				
007	0602203F	AEROSPACE PROPULSION		2,500
		Unfunded Requirement		[2,500]
012	0602605F	DIRECTED ENERGY TECHNOLOGY		8,300
		Unfunded Requirement		[8,300]
		SUBTOTAL APPLIED RESEARCH		10,800
ADVANCED TECHNOLOGY DEVELOPMENT				
018	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO		5,700
		Unfunded requirement		[5,700]
019	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY		13,500
		Unfunded requirement		[13,500]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.		19,200
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
041	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS		10,200
		Unfunding requirement		[10,200]
062	1206438F	SPACE CONTROL TECHNOLOGY		56,900
		AF UPL		[56,900]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.		67,100
OPERATIONAL SYSTEMS DEVELOPMENT				
230	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).		11,000
		AF UPL—support for AEHF terminals		[11,000]
302	1203001F	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)		58,400
		AF UPL—FAB-T testing activities		[7,400]

**SEC. 4203. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)**

Line	Program Element	Item	FY 2018 Request	House Authorized
		AF UPL—POTUS voice conference configuration		[31,900]
		AF UPL—spares for testing		[6,600]
		AF UPL -spares for testing		[12,500]
312	1203614F	JSPOC MISSION SYSTEM		24,250
		AF UPL—BMC2 software		[24,250]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT		93,650
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.		190,750
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES		
075	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT.		351,000
		Increase GBI magazine capacity at Fort Greely		[208,000]
		Procure 3 additional EKVs		[45,000]
		Procure 7 additional boosters		[98,000]
117	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS		27,500
		Initiates BMDS Global Sensors AoA recommendations for space sensor architecture.		[27,500]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.		378,500
		SYSTEM DEVELOPMENT AND DEMONSTRATION		
137A	0604XXX	RESEARCH AND DEVELOPMENT OF MILITARY RESPONSE OPTIONS FOR RUSSIAN INF TREATY VIOLATION.		50,000
		Program increase		[50,000]
		SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION.		50,000
		MANAGEMENT SUPPORT		
151	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE)		30,000
		PROJECT Maven		[30,000]
		SUBTOTAL MANAGEMENT SUPPORT		30,000
		OPERATIONAL SYSTEM DEVELOPMENT		
236	0305327V	INSIDER THREAT		5,000
		Defense Insider Threat Management and Analysis Center		[5,000]
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT ...		5,000
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.		463,500
		TOTAL RDT&E		778,616



1 **TITLE XLIII—OPERATION AND**
 2 **MAINTENANCE**
 3 **SEC. 4301. OPERATION AND MAINTENANCE.**

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
OPERATION & MAINTENANCE, ARMY			
OPERATING FORCES			
010	MANEUVER UNITS	1,455,366	2,193,657
	Improve unit training and maintenance readiness		[54,700]
	Realign European Reassurance Initiative to Base		[683,591]
020	MODULAR SUPPORT BRIGADES	105,147	112,847
	Execute the National Military Strategy		[7,700]
030	ECHELONS ABOVE BRIGADE	604,117	692,417
	Improve training readiness		[88,300]
040	THEATER LEVEL ASSETS	793,217	820,517
	Decisive Action training and operations		[27,300]
050	LAND FORCES OPERATIONS SUPPORT	1,169,478	1,207,178
	Combat Training Center Operations and Maintenance		[37,700]
060	AVIATION ASSETS	1,496,503	1,674,803
	Aviation and ISR Maintenance Requirements		[28,200]
	Realign European Reassurance Initiative to Base		[150,100]
070	FORCE READINESS OPERATIONS SUPPORT	3,675,901	3,767,870
	Maintenance of organizational clothing and equipment		[26,500]
	Realign European Reassurance Initiative to Base		[8,969]
	SOUTHCOM—Maritime Patrol Aircraft Expansion		[38,500]
	SOUTHCOM—Mission and Other Ship Operations		[18,000]
080	LAND FORCES SYSTEMS READINESS	466,720	466,720
090	LAND FORCES DEPOT MAINTENANCE	1,443,516	1,594,265
	Depot maintenance of hardware and munitions		[46,600]
	Realign European Reassurance Initiative to Base		[104,149]
100	BASE OPERATIONS SUPPORT	8,080,357	8,142,264
	C4I / Cyber capabilities enabling support		[13,200]
	Realign European Reassurance Initiative to Base		[48,707]
110	FACILITIES SUSTAINMENT, RESTORATION & MOD- ERNIZATION	3,401,155	3,433,155
	Realign European Reassurance Initiative to Base		[32,000]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	443,790	443,790
140	ADDITIONAL ACTIVITIES		135,150
	Realign European Reassurance Initiative to Base		[126,250]
	Training, supplies, spares, and repair site support		[8,900]
180	US AFRICA COMMAND	225,382	225,382
190	US EUROPEAN COMMAND	141,352	185,602
	Realign European Reassurance Initiative to Base		[44,250]
200	US SOUTHERN COMMAND	190,811	194,311
	Mission and Other Ship Operations		[3,500]
210	US FORCES KOREA	59,578	59,578
	SUBTOTAL OPERATING FORCES	23,752,390	25,349,506
MOBILIZATION			
220	STRATEGIC MOBILITY	346,667	347,791
	Sustainment of strategically positioned assets enabling force projection		[1,124]
230	ARMY PREPOSITIONED STOCKS	422,108	483,846
	Realign European Reassurance Initiative to Base		[56,500]
	Sustain Army War Reserve Secondary Items for deployed forces		[5,238]
240	INDUSTRIAL PREPAREDNESS	7,750	7,750
	SUBTOTAL MOBILIZATION	776,525	839,387
TRAINING AND RECRUITING			
250	OFFICER ACQUISITION	137,556	137,556
260	RECRUIT TRAINING	58,872	58,872
270	ONE STATION UNIT TRAINING	58,035	58,035
280	SENIOR RESERVE OFFICERS TRAINING CORPS	505,089	505,089
290	SPECIALIZED SKILL TRAINING	1,015,541	1,018,685
	Leadership development and training		[3,144]

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
300	FLIGHT TRAINING	1,124,115	1,124,115
310	PROFESSIONAL DEVELOPMENT EDUCATION	220,688	220,688
320	TRAINING SUPPORT	618,164	621,690
	Department of the Army directed training		[3,526]
330	RECRUITING AND ADVERTISING	613,586	613,586
340	EXAMINING	171,223	171,223
350	OFF-DUTY AND VOLUNTARY EDUCATION	214,738	214,738
360	CIVILIAN EDUCATION AND TRAINING	195,099	195,099
370	JUNIOR RESERVE OFFICER TRAINING CORPS	176,116	176,116
	SUBTOTAL TRAINING AND RECRUITING	5,108,822	5,115,492
	ADMIN & SRVWIDE ACTIVITIES		
390	SERVICEWIDE TRANSPORTATION	555,502	709,552
	Logistics associated with increased end strength		[57,900]
	Realign European Reassurance Initiative to Base		[96,150]
400	CENTRAL SUPPLY ACTIVITIES	894,208	905,657
	Realign European Reassurance Initiative to Base		[11,449]
410	LOGISTIC SUPPORT ACTIVITIES	715,462	715,462
420	AMMUNITION MANAGEMENT	446,931	446,931
430	ADMINISTRATION	493,616	493,616
440	SERVICEWIDE COMMUNICATIONS	2,084,922	2,102,822
	Annual maintenance of Enterprise License Agreements		[17,900]
450	MANPOWER MANAGEMENT	259,588	259,588
460	OTHER PERSONNEL SUPPORT	326,387	326,387
470	OTHER SERVICE SUPPORT	1,087,602	1,087,602
480	ARMY CLAIMS ACTIVITIES	210,514	210,514
490	REAL ESTATE MANAGEMENT	243,584	243,584
500	FINANCIAL MANAGEMENT AND AUDIT READINESS	284,592	292,992
	DISA migration cost and system support		[8,400]
510	INTERNATIONAL MILITARY HEADQUARTERS	415,694	415,694
520	MISC. SUPPORT OF OTHER NATIONS	46,856	46,856
565	CLASSIFIED PROGRAMS	1,242,222	1,313,047
	Army Analytics Group		[5,000]
	Realign European Reassurance Initiative to Base		[65,825]
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	9,307,680	9,570,304
	UNDISTRIBUTED		
570	UNDISTRIBUTED		-426,100
	Excessive standard price for fuel		[-20,600]
	Foreign Currency adjustments		[-146,400]
	Historical unobligated balances		[-259,100]
	SUBTOTAL UNDISTRIBUTED		-426,100
	TOTAL OPERATION & MAINTENANCE, ARMY	38,945,417	40,448,589
	OPERATION & MAINTENANCE, ARMY RES		
	OPERATING FORCES		
010	MODULAR SUPPORT BRIGADES	11,461	11,461
020	ECHELONS ABOVE BRIGADE	577,410	577,410
030	THEATER LEVEL ASSETS	117,298	117,298
040	LAND FORCES OPERATIONS SUPPORT	552,016	552,016
050	AVIATION ASSETS	80,302	81,461
	Increase aviation readiness		[1,159]
060	FORCE READINESS OPERATIONS SUPPORT	399,035	399,258
	Pay and allowances for career development training		[223]
070	LAND FORCES SYSTEMS READINESS	102,687	102,687
080	LAND FORCES DEPOT MAINTENANCE	56,016	56,016
090	BASE OPERATIONS SUPPORT	599,947	599,947
100	FACILITIES SUSTAINMENT, RESTORATION & MOD- ERNIZATION	273,940	273,940
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS	22,909	22,909
	SUBTOTAL OPERATING FORCES	2,793,021	2,794,403
	ADMIN & SRVWD ACTIVITIES		
120	SERVICEWIDE TRANSPORTATION	11,116	11,116
130	ADMINISTRATION	17,962	17,962
140	SERVICEWIDE COMMUNICATIONS	18,550	20,950
	Annual maintenance of Enterprise License Agreements		[2,400]
150	MANPOWER MANAGEMENT	6,166	6,166
160	RECRUITING AND ADVERTISING	60,027	60,027

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	113,821	116,221
	UNDISTRIBUTED		
190	UNDISTRIBUTED		-2,500
	Excessive standard price for fuel		[-2,500]
	SUBTOTAL UNDISTRIBUTED		-2,500
	TOTAL OPERATION & MAINTENANCE, ARMY RES	2,906,842	2,908,124
	OPERATION & MAINTENANCE, ARNG OPERATING FORCES		
010	MANEUVER UNITS	777,883	810,983
	Unit training and maintenance readiness		[33,100]
020	MODULAR SUPPORT BRIGADES	190,639	190,639
030	ECHELONS ABOVE BRIGADE	807,557	819,457
	Improve training readiness		[11,900]
040	THEATER LEVEL ASSETS	85,476	93,376
	Decisive Action training and operations		[7,900]
050	LAND FORCES OPERATIONS SUPPORT	36,672	38,897
	Aviation contract support for rotary wing aircraft		[2,225]
060	AVIATION ASSETS	956,381	974,581
	Increase aviation readiness		[18,200]
070	FORCE READINESS OPERATIONS SUPPORT	777,756	777,941
	Pay and allowances for career development training		[185]
080	LAND FORCES SYSTEMS READINESS	51,506	51,506
090	LAND FORCES DEPOT MAINTENANCE	244,942	244,942
100	BASE OPERATIONS SUPPORT	1,144,726	1,144,726
110	FACILITIES SUSTAINMENT, RESTORATION & MOD- ERNIZATION	781,895	781,895
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	999,052	999,052
	SUBTOTAL OPERATING FORCES	6,854,485	6,927,995
	ADMIN & SRVWD ACTIVITIES		
130	SERVICEWIDE TRANSPORTATION	7,703	7,703
140	ADMINISTRATION	79,236	79,236
150	SERVICEWIDE COMMUNICATIONS	85,160	94,760
	Annual maintenance of Enterprise License Agreements		[9,600]
160	MANPOWER MANAGEMENT	8,654	8,654
170	OTHER PERSONNEL SUPPORT	268,839	268,839
180	REAL ESTATE MANAGEMENT	3,093	3,093
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	452,685	462,285
	UNDISTRIBUTED		
190	UNDISTRIBUTED		-10,700
	Excessive standard price for fuel		[-10,700]
	SUBTOTAL UNDISTRIBUTED		-10,700
	TOTAL OPERATION & MAINTENANCE, ARNG	7,307,170	7,379,580
	OPERATION & MAINTENANCE, NAVY OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	5,544,165	5,570,915
	Cbt logistics Mnt for TAO-187		[22,000]
	Realign European Reassurance Initiative to Base		[4,750]
020	FLEET AIR TRAINING	2,075,000	2,075,000
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	46,801	46,801
040	AIR OPERATIONS AND SAFETY SUPPORT	119,624	119,624
050	AIR SYSTEMS SUPPORT	552,536	594,536
	Fund aviation spt to max executable		[42,000]
060	AIRCRAFT DEPOT MAINTENANCE	1,088,482	1,088,482
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	40,584	40,584
080	AVIATION LOGISTICS	723,786	843,786
	Fund aviation logistics to max executable		[120,000]
090	MISSION AND OTHER SHIP OPERATIONS	4,067,334	4,071,011
	Realign European Reassurance Initiative to Base		[3,677]
100	SHIP OPERATIONS SUPPORT & TRAINING	977,701	977,701
110	SHIP DEPOT MAINTENANCE	7,165,858	7,175,358
	Western Pacific Ship Repair		[9,500]
120	SHIP DEPOT OPERATIONS SUPPORT	2,193,851	2,193,851

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE	1,288,094	1,299,494
	Logistics support for legacy C41 systems		[6,000]
	Realign European Reassurance Initiative to Base		[5,400]
150	SPACE SYSTEMS AND SURVEILLANCE	206,678	211,078
	Realign European Reassurance Initiative to Base		[4,400]
160	WARFARE TACTICS	621,581	622,581
	Operational Range and Environmental Compliance		[1,000]
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	370,681	370,681
180	COMBAT SUPPORT FORCES	1,437,966	1,460,950
	Coastal Riverine Force meet operational requirements		[7,000]
	COMPACFLT C41 Upgrade		[10,000]
	Realign European Reassurance Initiative to Base		[5,984]
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT	162,705	162,705
210	COMBATANT COMMANDERS CORE OPERATIONS	65,108	65,108
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	86,892	155,992
	Joint Training Capability and Exercise Programs		[64,100]
	No-Notice Agile Logistics Exercise		[5,000]
230	MILITARY INFORMATION SUPPORT OPERATIONS	8,427	8,427
240	CYBERSPACE ACTIVITIES	385,212	385,212
260	FLEET BALLISTIC MISSILE	1,278,456	1,278,456
280	WEAPONS MAINTENANCE	745,680	751,980
	Munitions wholeness		[5,000]
	Realign European Reassurance Initiative to Base		[1,300]
290	OTHER WEAPON SYSTEMS SUPPORT	380,016	380,016
300	ENTERPRISE INFORMATION	914,428	914,428
310	SUSTAINMENT, RESTORATION AND MODERNIZATION	1,905,679	1,905,679
320	BASE OPERATING SUPPORT	4,333,688	4,356,688
	Operational range clearance		[11,000]
	Port Operations Service Craft Maintenance		[12,000]
	SUBTOTAL OPERATING FORCES	38,787,013	39,127,124
MOBILIZATION			
330	SHIP PREPOSITIONING AND SURGE	417,450	427,450
	Strategic sealift management		[10,000]
360	SHIP ACTIVATIONS/INACTIVATIONS	198,341	198,341
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS	66,849	66,849
390	COAST GUARD SUPPORT	21,870	21,870
	SUBTOTAL MOBILIZATION	704,510	714,510
TRAINING AND RECRUITING			
400	OFFICER ACQUISITION	143,924	143,924
410	RECRUIT TRAINING	8,975	8,975
420	RESERVE OFFICERS TRAINING CORPS	144,708	144,708
430	SPECIALIZED SKILL TRAINING	812,708	812,708
450	PROFESSIONAL DEVELOPMENT EDUCATION	180,448	182,448
	Naval Sea Cadets		[2,000]
460	TRAINING SUPPORT	234,596	234,596
470	RECRUITING AND ADVERTISING	177,517	177,517
480	OFF-DUTY AND VOLUNTARY EDUCATION	103,154	103,154
490	CIVILIAN EDUCATION AND TRAINING	72,216	72,216
500	JUNIOR ROTC	53,262	53,262
	SUBTOTAL TRAINING AND RECRUITING	1,931,508	1,933,508
ADMIN & SRVWD ACTIVITIES			
510	ADMINISTRATION	1,135,429	1,135,429
530	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	149,365	149,365
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	386,749	386,749
590	SERVICEWIDE TRANSPORTATION	165,301	165,301
610	PLANNING, ENGINEERING, AND PROGRAM SUPPORT	311,616	311,616
620	ACQUISITION, LOGISTICS, AND OVERSIGHT	665,580	665,580
660	INVESTIGATIVE AND SECURITY SERVICES	659,143	659,143
775	CLASSIFIED PROGRAMS	543,193	553,193
	Research and Technology Protection		[10,000]
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	4,016,376	4,026,376
UNDISTRIBUTED			
780	UNDISTRIBUTED		-356,800
	Excessive standard price for fuel		[-143,600]
	Foreign Currency adjustments		[-35,300]

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
	Historical unobligated balances		[-177,900]
	SUBTOTAL UNDISTRIBUTED		-356,800
	TOTAL OPERATION & MAINTENANCE, NAVY	45,439,407	45,444,718
	OPERATION & MAINTENANCE, MARINE CORPS		
	OPERATING FORCES		
010	OPERATIONAL FORCES	967,949	1,006,049
	Realign European Reassurance Initiative to Base		[38,100]
020	FIELD LOGISTICS	1,065,090	1,065,090
030	DEPOT MAINTENANCE	286,635	286,635
040	MARITIME PREPOSITIONING	85,577	85,577
050	CYBERSPACE ACTIVITIES	181,518	181,518
060	SUSTAINMENT, RESTORATION & MODERNIZATION	785,264	785,264
070	BASE OPERATING SUPPORT	2,196,252	2,196,252
	SUBTOTAL OPERATING FORCES	5,568,285	5,606,385
	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
215	CLASSIFIED PROGRAMS	52,661	52,661
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	537,855	537,855
	UNDISTRIBUTED		
220	UNDISTRIBUTED		-38,000
	Excessive standard price for fuel		[-1,800]
	Foreign Currency adjustments		[-11,400]
	Historical unobligated balances		[-24,800]
	SUBTOTAL UNDISTRIBUTED		-38,000
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS	6,933,408	6,933,508
	OPERATION & MAINTENANCE, NAVY RES		
	OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	596,876	596,876
020	INTERMEDIATE MAINTENANCE	5,902	5,902
030	AIRCRAFT DEPOT MAINTENANCE	94,861	94,861
040	AIRCRAFT DEPOT OPERATIONS SUPPORT	381	381
050	AVIATION LOGISTICS	13,822	13,822
060	SHIP OPERATIONS SUPPORT & TRAINING	571	571
070	COMBAT COMMUNICATIONS	16,718	16,718
080	COMBAT SUPPORT FORCES	118,079	118,079
090	CYBERSPACE ACTIVITIES	308	308
100	ENTERPRISE INFORMATION	28,650	28,650
110	SUSTAINMENT, RESTORATION AND MODERNIZATION	86,354	86,354
120	BASE OPERATING SUPPORT	103,596	103,596
	SUBTOTAL OPERATING FORCES	1,066,118	1,066,118
	ADMIN & SRVWD ACTIVITIES		
130	ADMINISTRATION	1,371	1,371
140	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	13,289	13,289
160	ACQUISITION AND PROGRAM MANAGEMENT	3,229	3,229
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	17,889	17,889
	UNDISTRIBUTED		
180	UNDISTRIBUTED		-9,800
	Excessive standard price for fuel		[-9,800]

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
	SUBTOTAL UNDISTRIBUTED		-9,800
	TOTAL OPERATION & MAINTENANCE, NAVY RES	1,084,007	1,074,207
	OPERATION & MAINTENANCE, MC RESERVE OPERATING FORCES		
010	OPERATING FORCES	103,468	103,468
020	DEPOT MAINTENANCE	18,794	18,794
030	SUSTAINMENT, RESTORATION AND MODERNIZATION	32,777	32,777
040	BASE OPERATING SUPPORT	111,213	111,213
	SUBTOTAL OPERATING FORCES	266,252	266,252
	ADMIN & SRVWD ACTIVITIES		
060	ADMINISTRATION	12,585	12,585
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	12,585	12,585
	UNDISTRIBUTED		
080	UNDISTRIBUTED		-300
	Excessive standard price for fuel		[-300]
	SUBTOTAL UNDISTRIBUTED		-300
	TOTAL OPERATION & MAINTENANCE, MC RESERVE	278,837	278,537
	OPERATION & MAINTENANCE, AIR FORCE OPERATING FORCES		
010	PRIMARY COMBAT FORCES	694,702	854,435
	Adversarial Air Training- mission qualification		[10,200]
	B-2 Replenishment spares		[9,000]
	PACAF Contingency response group		[4,200]
	Realign European Reassurance Initiative to Base		[126,633]
	Rocket system launch program		[8,000]
	Training equipment shortfalls		[1,700]
020	COMBAT ENHANCEMENT FORCES	1,392,326	1,547,048
	Battlefield airman equipment assembly		[8,300]
	Personnel recovery requirements		[500]
	Realign European Reassurance Initiative to Base		[96,522]
	TARP contractor specialist		[800]
	Training equipment shortfalls		[6,000]
	Training specialist contract		[400]
	Unified capabilities		[42,200]
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	1,128,640	1,179,940
	F-35 maintenance instructors		[49,700]
	Readiness decision support enterprise		[1,600]
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE	2,755,367	2,873,088
	Aircraft depot level repairables		[92,100]
	Battlefield airman equipment		[7,100]
	Realign European Reassurance Initiative to Base		[18,521]
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	3,292,553	3,315,253
	Realign European Reassurance Initiative to Base		[22,700]
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	6,555,186	6,756,965
	Aircraft depot level repairables		[177,700]
	E4B maintenance personnel		[1,000]
	EC-130H service life extension		[12,000]
	Realign European Reassurance Initiative to Base		[4,279]
	Sustain C-37B		[6,800]
070	FLYING HOUR PROGRAM	4,135,330	4,201,997
	Realign European Reassurance Initiative to Base		[66,667]
080	BASE SUPPORT	5,985,232	6,090,537
	Application hosting/MSO		[27,000]
	Cloud migration		[25,600]
	Enterprise sves in FY18		[39,000]
	Realign European Reassurance Initiative to Base		[13,705]
090	GLOBAL C3I AND EARLY WARNING	847,516	977,216
	Aviation readiness shortfalls		[2,000]
	Cyber readiness shortfalls		[35,300]
	Cyber security readiness shortfalls		[57,500]

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
	Realign European Reassurance Initiative to Base		[2,000]
	Space based readiness shortfalls		[32,900]
100	OTHER COMBAT OPS SPT PROGRAMS	1,131,817	1,253,379
	Anti-terrorism force protection		[10,000]
	Cyber readiness shortfalls		[4,000]
	Cyber training readiness shortfalls		[11,000]
	EOD training and readiness shortfalls		[5,400]
	Installation processing nodes		[51,400]
	ISR sustainment and readiness		[9,800]
	PACAF- restore contingency response group		[10,100]
	Realign European Reassurance Initiative to Base		[19,562]
	Tailored OPIR intel products		[300]
120	LAUNCH FACILITIES	175,457	175,457
130	SPACE CONTROL SYSTEMS	353,458	541,758
	Command and Control sustainment and readiness		[62,100]
	Space based sustainment and readiness shortfalls		[126,200]
160	US NORTHCOM/NORAD	189,891	189,891
170	US STRATCOM	534,236	534,236
180	US CYBERCOM	357,830	357,830
190	US CENTCOM	168,208	168,208
200	US SOCOM	2,280	2,280
210	US TRANSCOM	533	533
215	CLASSIFIED PROGRAMS	1,091,655	1,091,655
	SUBTOTAL OPERATING FORCES	30,792,217	32,111,706
MOBILIZATION			
220	AIRLIFT OPERATIONS	1,570,697	1,577,097
	C-37B flying hours		[1,800]
	Realign European Reassurance Initiative to Base		[4,600]
230	MOBILIZATION PREPAREDNESS	130,241	288,311
	Basic Expeditionary Airfield Resources PACOM		[22,600]
	BEAR PACOM		[22,600]
	BEAR PACOM spares		[2,900]
	PACAF Contingency response group		[10,100]
	Realign European Reassurance Initiative to Base		[99,870]
	SUBTOTAL MOBILIZATION	1,700,938	1,865,408
TRAINING AND RECRUITING			
270	OFFICER ACQUISITION	113,722	113,722
280	RECRUIT TRAINING	24,804	24,804
290	RESERVE OFFICERS TRAINING CORPS (ROTC)	95,733	95,733
320	SPECIALIZED SKILL TRAINING	395,476	395,476
330	FLIGHT TRAINING	501,599	501,599
340	PROFESSIONAL DEVELOPMENT EDUCATION	287,500	287,500
350	TRAINING SUPPORT	91,384	91,384
370	RECRUITING AND ADVERTISING	166,795	166,795
380	EXAMINING	4,134	4,134
390	OFF-DUTY AND VOLUNTARY EDUCATION	222,691	222,691
400	CIVILIAN EDUCATION AND TRAINING	171,974	171,974
410	JUNIOR ROTC	60,070	60,070
	SUBTOTAL TRAINING AND RECRUITING	2,135,882	2,135,882
ADMIN & SRVWD ACTIVITIES			
420	LOGISTICS OPERATIONS	805,453	808,453
	Realign European Reassurance Initiative to Base		[3,000]
430	TECHNICAL SUPPORT ACTIVITIES	127,379	127,379
470	ADMINISTRATION	911,283	911,283
480	SERVICEWIDE COMMUNICATIONS	432,172	432,172
490	OTHER SERVICEWIDE ACTIVITIES	1,175,658	1,175,658
500	CIVIL AIR PATROL	26,719	29,819
	Civil Air Patrol		[3,100]
530	INTERNATIONAL SUPPORT	76,878	76,878
535	CLASSIFIED PROGRAMS	1,244,653	1,244,653
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	4,800,195	4,806,295
UNDISTRIBUTED			
540	UNDISTRIBUTED		-389,600
	Excessive standard price for fuel		[-135,400]
	Foreign Currency adjustments		[-84,300]
	Historical unobligated balances		[-169,900]

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
	SUBTOTAL UNDISTRIBUTED		-389,600
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	39,429,232	40,529,691
	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 & MODERNIZATION	124,951	124,951
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	240,835	258,635
	C-17 CLS workload		[5,700]
	C-17 depot-level repairable		[12,100]
060	BASE SUPPORT	371,878	371,878
	SUBTOTAL OPERATING FORCES	3,153,180	3,170,980
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES		
070	ADMINISTRATION	74,153	74,153
080	RECRUITING AND ADVERTISING	19,522	19,522
090	MILITARY MANPOWER AND PERS MGMT (ARPC)	12,765	12,765
100	OTHER PERS SUPPORT (DISABILITY COMP)	7,495	7,495
110	AUDIOVISUAL	392	392
	SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES	114,327	114,327
	UNDISTRIBUTED		
120	UNDISTRIBUTED		-21,900
	Excessive standard price for fuel		[-21,900]
	SUBTOTAL UNDISTRIBUTED		-21,900
	TOTAL OPERATION & MAINTENANCE, AF RESERVE	3,267,507	3,263,407
	OPERATION & MAINTENANCE, ANG OPERATING FORCES		
010	AIRCRAFT OPERATIONS	3,175,055	3,265,955
	Additional training man days		[54,900]
	Two C-130 simulators		[36,000]
020	MISSION SUPPORT OPERATIONS	746,082	801,682
	Additional training man days		[37,100]
	Restore support operations		[18,500]
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	867,063	867,063
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	325,090	325,090
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,100,829	1,152,129
	C-130 propulsion improvements		[16,100]
	Maintenance for RC-26 a/c		[28,700]
	Sustain DCGS		[6,500]
060	BASE SUPPORT	583,664	593,464
	Additional training man days		[9,800]
	SUBTOTAL OPERATING FORCES	6,797,783	7,005,383
	ADMINISTRATION AND SERVICE-WIDE ACTIVITIES		
070	ADMINISTRATION	44,955	44,955
080	RECRUITING AND ADVERTISING	97,230	97,230
	SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES	142,185	142,185
	UNDISTRIBUTED		
090	UNDISTRIBUTED		-43,300
	Excessive standard price for fuel		[-43,300]
	SUBTOTAL UNDISTRIBUTED		-43,300
	TOTAL OPERATION & MAINTENANCE, ANG	6,939,968	7,104,268
	OPERATION AND MAINTENANCE, DEFENSE-WIDE		

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
OPERATING FORCES			
010	JOINT CHIEFS OF STAFF	440,853	440,853
020	JOINT CHIEFS OF STAFF—CE2T2	551,511	551,511
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES	5,008,274	5,104,244
	Realign European Reassurance Initiative to Base		[95,970]
	SUBTOTAL OPERATING FORCES	6,000,638	6,096,608
TRAINING AND RECRUITING			
050	DEFENSE ACQUISITION UNIVERSITY	144,970	144,970
060	JOINT CHIEFS OF STAFF	84,402	84,402
080	SPECIAL OPERATIONS COMMAND/TRAINING AND RE- CRUITING	379,462	379,462
	SUBTOTAL TRAINING AND RECRUITING	608,834	608,834
ADMIN & SRVWIDE ACTIVITIES			
090	CIVIL MILITARY PROGRAMS	183,000	204,500
	National Guard Youth Challenge		[1,500]
	STARBASE		[20,000]
110	DEFENSE CONTRACT AUDIT AGENCY	597,836	597,836
120	DEFENSE CONTRACT MANAGEMENT AGENCY	1,439,010	1,439,010
130	DEFENSE HUMAN RESOURCES ACTIVITY	807,754	807,754
140	DEFENSE INFORMATION SYSTEMS AGENCY	2,009,702	2,009,702
160	DEFENSE LEGAL SERVICES AGENCY	24,207	24,207
170	DEFENSE LOGISTICS AGENCY	400,422	414,922
	Procurement Technical Assistance Program (PTAP)		[14,500]
180	DEFENSE MEDIA ACTIVITY	217,585	217,954
	Realign European Reassurance Initiative to Base		[369]
190	DEFENSE PERSONNEL ACCOUNTING AGENCY	131,268	131,268
200	DEFENSE SECURITY COOPERATION AGENCY	722,496	872,496
	Realign European Reassurance Initiative to Base		[150,000]
210	DEFENSE SECURITY SERVICE	683,665	703,665
	Joint Acquisition Protection and Exploitation Cell (JAPEC) ...		[20,000]
230	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION	34,712	34,712
240	DEFENSE THREAT REDUCTION AGENCY	542,604	517,604
	Efficiencies from DTRA/JIDO integration		[-25,000]
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	2,794,389	2,824,389
	Impact Aid		[30,000]
270	MISSILE DEFENSE AGENCY	504,058	504,058
290	OFFICE OF ECONOMIC ADJUSTMENT	57,840	57,840
300	OFFICE OF THE SECRETARY OF DEFENSE	1,488,344	1,532,344
	Implementation of Military Housing Fall Prevention		[16,000]
	Implementation of transparency of Defense Business System Data		[25,000]
	Support for Commission to Assess the Threat from Electro- magnetic Pulse Attacks and Events		[3,000]
310	SPECIAL OPERATIONS COMMAND/ADMIN & SVC-WIDE AC- TIVITIES	94,273	94,273
320	WASHINGTON HEADQUARTERS SERVICES	436,776	436,776
325	CLASSIFIED PROGRAMS	14,806,404	14,861,724
	Realign European Reassurance Initiative to Base		[55,320]
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	27,976,345	28,287,034
UNDISTRIBUTED			
330	UNDISTRIBUTED		-204,900
	Excessive standard price for fuel		[-6,500]
	Foreign Currency adjustments		[-19,400]
	Historical unobligated balances		[-179,000]
	SUBTOTAL UNDISTRIBUTED		-204,900
	TOTAL OPERATION AND MAINTENANCE, DE- FENSE-WIDE	34,585,817	34,787,576
MISCELLANEOUS APPROPRIATIONS			
010	US COURT OF APPEALS FOR THE ARMED FORCES, DE- FENSE	14,538	14,538
020	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID	104,900	104,900
030	COOPERATIVE THREAT REDUCTION	324,600	324,600
050	ENVIRONMENTAL RESTORATION, ARMY	215,809	215,809
060	ENVIRONMENTAL RESTORATION, NAVY	281,415	311,415
	PFOA/PFOS Remediation		[30,000]

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
070	ENVIRONMENTAL RESTORATION, AIR FORCE	293,749	323,749
	PFOA/PFOS Remediation		[30,000]
080	ENVIRONMENTAL RESTORATION, DEFENSE	9,002	9,002
090	ENVIRONMENTAL RESTORATION FORMERLY USED SITES	208,673	208,673
	TOTAL MISCELLANEOUS APPROPRIATIONS	1,452,686	1,512,686
	TOTAL OPERATION & MAINTENANCE	188,570,298	191,664,891

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1 **SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS**

2 **CONTINGENCY OPERATIONS.**

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS			
(In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
OPERATION & MAINTENANCE, ARMY			
OPERATING FORCES			
010	MANEUVER UNITS	828,225	144,634
	Realign European Reassurance Initiative to Base		[-683,591]
030	ECHELONS ABOVE BRIGADE	25,474	25,474
040	THEATER LEVEL ASSETS	1,778,644	1,778,644
050	LAND FORCES OPERATIONS SUPPORT	260,575	260,575
060	AVIATION ASSETS	284,422	134,322
	Realign European Reassurance Initiative to Base		[-150,100]
070	FORCE READINESS OPERATIONS SUPPORT	2,784,525	2,775,556
	Realign European Reassurance Initiative to Base		[-8,969]
080	LAND FORCES SYSTEMS READINESS	502,330	502,330
090	LAND FORCES DEPOT MAINTENANCE	104,149	0
	Realign European Reassurance Initiative to Base		[-104,149]
100	BASE OPERATIONS SUPPORT	80,249	31,542
	Realign European Reassurance Initiative to Base		[-48,707]
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	32,000	0
	Realign European Reassurance Initiative to Base		[-32,000]
140	ADDITIONAL ACTIVITIES	6,151,378	6,025,128
	Realign European Reassurance Initiative to Base		[-126,250]
150	COMMANDERS EMERGENCY RESPONSE PROGRAM	5,000	5,000
160	RESET	864,926	864,926
180	US AFRICA COMMAND	186,567	186,567
190	US EUROPEAN COMMAND	44,250	0
	Realign European Reassurance Initiative to Base		[-44,250]
	SUBTOTAL OPERATING FORCES	13,932,714	12,734,698
MOBILIZATION			
230	ARMY PREPOSITIONED STOCKS	56,500	0
	Realign European Reassurance Initiative to Base		[-56,500]
	SUBTOTAL MOBILIZATION	56,500	0
ADMIN & SRVWIDE ACTIVITIES			
390	SERVICEWIDE TRANSPORTATION	755,029	658,879
	Realign European Reassurance Initiative to Base		[-96,150]
400	CENTRAL SUPPLY ACTIVITIES	16,567	5,118
	Realign European Reassurance Initiative to Base		[-11,449]
410	LOGISTIC SUPPORT ACTIVITIES	6,000	6,000
420	AMMUNITION MANAGEMENT	5,207	5,207
460	OTHER PERSONNEL SUPPORT	107,091	107,091
490	REAL ESTATE MANAGEMENT	165,280	165,280
565	CLASSIFIED PROGRAMS	1,082,015	1,016,190
	Realign European Reassurance Initiative to Base		[-65,825]
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	2,137,189	1,963,765
	TOTAL OPERATION & MAINTENANCE, ARMY	16,126,403	14,698,463
OPERATION & MAINTENANCE, ARMY RES			
OPERATING FORCES			
020	ECHELONS ABOVE BRIGADE	4,179	19,822
	Training and operations of USAR early deploying units		[15,643]
030	THEATER LEVEL ASSETS		4,718
	Training and operations of USAR early deploying units		[4,718]
040	LAND FORCES OPERATIONS SUPPORT	2,132	15,050
	Training and operations of USAR early deploying units		[12,918]
060	FORCE READINESS OPERATIONS SUPPORT	779	779
090	BASE OPERATIONS SUPPORT	17,609	17,609
	SUBTOTAL OPERATING FORCES	24,699	57,978
	TOTAL OPERATION & MAINTENANCE, ARMY RES	24,699	57,978
OPERATION & MAINTENANCE, ARNG			
OPERATING FORCES			

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
010	MANEUVER UNITS	41,731	41,731
020	MODULAR SUPPORT BRIGADES	762	762
030	ECHELONS ABOVE BRIGADE	11,855	11,855
040	THEATER LEVEL ASSETS	204	204
060	AVIATION ASSETS	27,583	27,583
070	FORCE READINESS OPERATIONS SUPPORT	5,792	5,792
100	BASE OPERATIONS SUPPORT	18,507	18,507
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	937	937
	SUBTOTAL OPERATING FORCES	107,371	107,371
ADMIN & SRVWD ACTIVITIES			
150	SERVICEWIDE COMMUNICATIONS	740	740
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	740	740
	TOTAL OPERATION & MAINTENANCE, ARNG	108,111	108,111
AFGHANISTAN SECURITY FORCES FUND			
MINISTRY OF DEFENSE			
010	SUSTAINMENT	2,660,855	2,660,855
020	INFRASTRUCTURE	21,000	21,000
030	EQUIPMENT AND TRANSPORTATION	684,786	684,786
040	TRAINING AND OPERATIONS	405,117	405,117
	SUBTOTAL MINISTRY OF DEFENSE	3,771,758	3,771,758
MINISTRY OF INTERIOR			
050	SUSTAINMENT	955,574	955,574
060	INFRASTRUCTURE	39,595	39,595
070	EQUIPMENT AND TRANSPORTATION	75,976	75,976
080	TRAINING AND OPERATIONS	94,612	94,612
	SUBTOTAL MINISTRY OF INTERIOR	1,165,757	1,165,757
	TOTAL AFGHANISTAN SECURITY FORCES FUND	4,937,515	4,937,515
COUNTER-ISIS TRAIN & EQUIP FUND			
COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)			
010	IRAQ	1,269,000	1,269,000
020	SYRIA	500,000	500,000
	SUBTOTAL COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)	1,769,000	1,769,000
	TOTAL COUNTER-ISIS TRAIN & EQUIP FUND	1,769,000	1,769,000
OPERATION & MAINTENANCE, NAVY			
OPERATING FORCES			
010	MISSION AND OTHER FLIGHT OPERATIONS	412,710	407,960
	Realign European Reassurance Initiative to Base		[-4,750]
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	1,750	1,750
040	AIR OPERATIONS AND SAFETY SUPPORT	2,989	2,989
050	AIR SYSTEMS SUPPORT	144,030	144,030
060	AIRCRAFT DEPOT MAINTENANCE	211,196	211,196
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	1,921	1,921
080	AVIATION LOGISTICS	102,834	102,834
090	MISSION AND OTHER SHIP OPERATIONS	855,453	851,776
	Realign European Reassurance Initiative to Base		[-3,677]
100	SHIP OPERATIONS SUPPORT & TRAINING	19,627	19,627
110	SHIP DEPOT MAINTENANCE	2,483,179	2,548,179
	Repairs related to USS Fitzgerald		[65,000]
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE	58,886	53,486
	Realign European Reassurance Initiative to Base		[-5,400]
150	SPACE SYSTEMS AND SURVEILLANCE	4,400	0
	Realign European Reassurance Initiative to Base		[-4,400]
160	WARFARE TACTICS	21,550	21,550
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	21,104	21,104
180	COMBAT SUPPORT FORCES	605,936	599,952
	Realign European Reassurance Initiative to Base		[-5,984]
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT	11,433	11,433
280	WEAPONS MAINTENANCE	325,011	323,711
	Realign European Reassurance Initiative to Base		[-1,300]
290	OTHER WEAPON SYSTEMS SUPPORT	9,598	9,598

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
310	SUSTAINMENT, RESTORATION AND MODERNIZATION	31,898	31,898
320	BASE OPERATING SUPPORT	228,246	228,246
	SUBTOTAL OPERATING FORCES	5,553,751	5,593,240
MOBILIZATION			
360	SHIP ACTIVATIONS/INACTIVATIONS	1,869	1,869
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS	11,905	11,905
390	COAST GUARD SUPPORT	161,885	161,885
	SUBTOTAL MOBILIZATION	175,659	175,659
TRAINING AND RECRUITING			
430	SPECIALIZED SKILL TRAINING	43,369	43,369
	SUBTOTAL TRAINING AND RECRUITING	43,369	43,369
ADMIN & SRVWD ACTIVITIES			
510	ADMINISTRATION	3,217	3,217
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	7,356	7,356
590	SERVICEWIDE TRANSPORTATION	67,938	67,938
620	ACQUISITION, LOGISTICS, AND OVERSIGHT	9,446	9,446
660	INVESTIGATIVE AND SECURITY SERVICES	1,528	1,528
775	CLASSIFIED PROGRAMS	12,751	12,751
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	102,236	102,236
	TOTAL OPERATION & MAINTENANCE, NAVY	5,875,015	5,914,504
OPERATION & MAINTENANCE, MARINE CORPS OPERATING FORCES			
010	OPERATIONAL FORCES	710,790	546,057
	Realign European Reassurance Initiative to Base		[-164,733]
020	FIELD LOGISTICS	242,150	242,150
030	DEPOT MAINTENANCE	52,000	52,000
070	BASE OPERATING SUPPORT	17,529	17,529
	SUBTOTAL OPERATING FORCES	1,022,469	857,736
TRAINING AND RECRUITING			
120	TRAINING SUPPORT	29,421	29,421
	SUBTOTAL TRAINING AND RECRUITING	29,421	29,421
ADMIN & SRVWD ACTIVITIES			
160	SERVICEWIDE TRANSPORTATION	61,600	61,600
215	CLASSIFIED PROGRAMS	3,150	3,150
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	64,750	64,750
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS	1,116,640	951,907
OPERATION & MAINTENANCE, NAVY RES OPERATING FORCES			
030	AIRCRAFT DEPOT MAINTENANCE	14,964	14,964
080	COMBAT SUPPORT FORCES	9,016	9,016
	SUBTOTAL OPERATING FORCES	23,980	23,980
	TOTAL OPERATION & MAINTENANCE, NAVY RES	23,980	23,980
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	1,298,440
	Realign European Reassurance Initiative to Base		[-96,522]
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	5,450	5,450
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE	699,860	719,339

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
	Realign European Reassurance Initiative to Base		[-18,521]
	Restoration of Damaged U-2 Aircraft		[38,000]
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	113,131	90,431
	Realign European Reassurance Initiative to Base		[-22,700]
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT ..	2,039,551	2,035,272
	Realign European Reassurance Initiative to Base		[-4,279]
070	FLYING HOUR PROGRAM	2,059,363	1,992,696
	Realign European Reassurance Initiative to Base		[-66,667]
080	BASE SUPPORT	1,088,946	1,075,241
	Realign European Reassurance Initiative to Base		[-13,705]
090	GLOBAL C3I AND EARLY WARNING	15,274	13,274
	Realign European Reassurance Initiative to Base		[-2,000]
100	OTHER COMBAT OPS SPT PROGRAMS	198,090	178,528
	Realign European Reassurance Initiative to Base		[-19,562]
120	LAUNCH FACILITIES	385	385
130	SPACE CONTROL SYSTEMS	22,020	22,020
160	US NORTHCOM/NORAD	381	381
170	US STRATCOM	698	698
180	US CYBERCOM	35,239	35,239
190	US CENTCOM	159,520	159,520
200	US SOCOM	19,000	19,000
215	CLASSIFIED PROGRAMS	58,098	58,098
	SUBTOTAL OPERATING FORCES	8,158,203	7,952,247
MOBILIZATION			
220	AIRLIFT OPERATIONS	1,430,316	1,425,716
	Realign European Reassurance Initiative to Base		[-4,600]
230	MOBILIZATION PREPAREDNESS	213,827	113,957
	Realign European Reassurance Initiative to Base		[-99,870]
	SUBTOTAL MOBILIZATION	1,644,143	1,539,673
TRAINING AND RECRUITING			
270	OFFICER ACQUISITION	300	300
280	RECRUIT TRAINING	298	298
290	RESERVE OFFICERS TRAINING CORPS (ROTC)	90	90
320	SPECIALIZED SKILL TRAINING	25,675	25,675
330	FLIGHT TRAINING	879	879
340	PROFESSIONAL DEVELOPMENT EDUCATION	1,114	1,114
350	TRAINING SUPPORT	1,426	1,426
	SUBTOTAL TRAINING AND RECRUITING	29,782	29,782
ADMIN & SRVWD ACTIVITIES			
420	LOGISTICS OPERATIONS	151,847	148,847
	Realign European Reassurance Initiative to Base		[-3,000]
430	TECHNICAL SUPPORT ACTIVITIES	8,744	8,744
470	ADMINISTRATION	6,583	6,583
480	SERVICEWIDE COMMUNICATIONS	129,508	129,508
490	OTHER SERVICEWIDE ACTIVITIES	84,110	84,110
530	INTERNATIONAL SUPPORT	120	120
535	CLASSIFIED PROGRAMS	53,255	53,255
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	434,167	431,167
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	10,266,295	9,952,869
OPERATION & MAINTENANCE, AF RESERVE OPERATING FORCES			
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	52,323	52,323
060	BASE SUPPORT	6,200	6,200
	SUBTOTAL OPERATING FORCES	58,523	58,523
	TOTAL OPERATION & MAINTENANCE, AF RESERVE	58,523	58,523
OPERATION & MAINTENANCE, ANG OPERATING FORCES			
020	MISSION SUPPORT OPERATIONS	3,468	3,468
060	BASE SUPPORT	11,932	11,932
	SUBTOTAL OPERATING FORCES	15,400	15,400

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS			
(In Thousands of Dollars)			
Line	Item	FY 2018 Request	House Authorized
	TOTAL OPERATION & MAINTENANCE, ANG	15,400	15,400
	OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES		
010	JOINT CHIEFS OF STAFF	4,841	4,841
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES	3,305,234	3,236,404
	Realign European Reassurance Initiative to Base		[-95,970]
	Unfunded Requirement- Joint Task Force Platform Expansion		[6,300]
	Unfunded Requirement- Publicly Available Information (PAI) Capability Acceleration		[20,840]
	SUBTOTAL OPERATING FORCES	3,310,075	3,241,245
	ADMIN & SRVWIDE ACTIVITIES		
110	DEFENSE CONTRACT AUDIT AGENCY	9,853	9,853
120	DEFENSE CONTRACT MANAGEMENT AGENCY	21,317	21,317
140	DEFENSE INFORMATION SYSTEMS AGENCY	64,137	64,137
160	DEFENSE LEGAL SERVICES AGENCY	115,000	115,000
180	DEFENSE MEDIA ACTIVITY	13,255	12,886
	Realign European Reassurance Initiative to Base		[-369]
200	DEFENSE SECURITY COOPERATION AGENCY	2,312,000	2,012,000
	Realign European Reassurance Initiative to Base		[-150,000]
	Transfer of funds to Ukraine Security Assistance		[-150,000]
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	31,000	31,000
300	OFFICE OF THE SECRETARY OF DEFENSE	34,715	34,715
320	WASHINGTON HEADQUARTERS SERVICES	3,179	3,179
325	CLASSIFIED PROGRAMS	1,797,549	1,742,229
	Realign European Reassurance Initiative to Base		[-55,320]
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	4,402,005	4,046,316
	TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE	7,712,080	7,287,561
	UKRAINE SECURITY ASSISTANCE		
	UKRAINE SECURITY ASSISTANCE		
010	UKRAINE SECURITY ASSISTANCE		150,000
	Transfer from DSCA		[150,000]
	SUBTOTAL UKRAINE SECURITY ASSISTANCE		150,000
	TOTAL UKRAINE SECURITY ASSISTANCE		150,000
	TOTAL OPERATION & MAINTENANCE	48,037,028	45,929,178

1 **SEC. 4303. OPERATION AND MAINTENANCE FOR OVERSEAS**
 2 **CONTINGENCY OPERATIONS FOR BASE RE-**
 3 **QUIREMENTS.**

SEC. 4303. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
 (In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized
OPERATION & MAINTENANCE, ARMY OPERATING FORCES			
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		629,047
	Demolition of excess facilities		[50,000]
	Restore restoration and modernization shortfalls		[154,500]
	Restore sustainment shortfalls		[424,547]
	SUBTOTAL OPERATING FORCES		629,047
	TOTAL OPERATION & MAINTENANCE, ARMY		629,047
OPERATION & MAINTENANCE, ARMY RES OPERATING FORCES			
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		82,619
	Demolition of excess facilities		[25,000]
	Restore restoration and modernization shortfalls		[12,300]
	Restore sustainment shortfalls		[45,319]
	SUBTOTAL OPERATING FORCES		82,619
	TOTAL OPERATION & MAINTENANCE, ARMY RES		82,619
OPERATION & MAINTENANCE, ARNG OPERATING FORCES			
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		173,900
	Demolition of excess facilities		[25,000]
	Restore restoration and modernization shortfalls		[35,200]
	Restore sustainment shortfalls		[113,700]
	SUBTOTAL OPERATING FORCES		173,900
	TOTAL OPERATION & MAINTENANCE, ARNG		173,900
OPERATION & MAINTENANCE, NAVY OPERATING FORCES			
310	SUSTAINMENT, RESTORATION AND MODERNIZATION		414,200
	Demolition of excess facilities		[50,000]
	Restore restoration and modernization shortfalls		[87,200]
	Restore sustainment shortfalls		[277,000]
	SUBTOTAL OPERATING FORCES		414,200
	TOTAL OPERATION & MAINTENANCE, NAVY		414,200
OPERATION & MAINTENANCE, MARINE CORPS OPERATING FORCES			
060	SUSTAINMENT, RESTORATION & MODERNIZATION		217,487
	Demolition of excess facilities		[50,000]
	Restore restoration and modernization shortfalls		[35,300]
	Restore sustainment shortfalls		[132,187]
	SUBTOTAL OPERATING FORCES		217,487
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS		217,487
OPERATION & MAINTENANCE, NAVY RES OPERATING FORCES			
110	SUSTAINMENT, RESTORATION AND MODERNIZATION		11,500
	Restore restoration and modernization shortfalls		[1,500]
	Restore sustainment shortfalls		[10,000]
	SUBTOTAL OPERATING FORCES		11,500

**SEC. 4303. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)**

Line	Item	FY 2018 Request	House Authorized
	TOTAL OPERATION & MAINTENANCE, NAVY RES		11,500
	OPERATION & MAINTENANCE, MC RESERVE		
	OPERATING FORCES		
030	SUSTAINMENT, RESTORATION AND MODERNIZATION		7,246
	Restore restoration and modernization shortfalls		[3,900]
	Restore sustainment shortfalls		[3,346]
	SUBTOTAL OPERATING FORCES		7,246
	TOTAL OPERATION & MAINTENANCE, MC RE- SERVE		7,246
	OPERATION & MAINTENANCE, AIR FORCE		
	OPERATING FORCES		
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION		507,700
	Demolition of excess facilities		[50,000]
	Restore restoration and modernization shortfalls		[153,300]
	Restore sustainment shortfalls		[304,400]
	SUBTOTAL OPERATING FORCES		507,700
	TOTAL OPERATION & MAINTENANCE, AIR FORCE		507,700
	OPERATION & MAINTENANCE, AF RESERVE		
	OPERATING FORCES		
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION		15,300
	Restore restoration and modernization shortfalls		[5,600]
	Restore sustainment shortfalls		[9,700]
	SUBTOTAL OPERATING FORCES		15,300
	TOTAL OPERATION & MAINTENANCE, AF RE- SERVE		15,300
	OPERATION & MAINTENANCE, ANG		
	OPERATING FORCES		
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION		47,600
	Restore restoration and modernization shortfalls		[14,600]
	Restore sustainment shortfalls		[33,000]
	SUBTOTAL OPERATING FORCES		47,600
	TOTAL OPERATION & MAINTENANCE, ANG		47,600
	TOTAL OPERATION & MAINTENANCE		2,106,599

1 **TITLE XLIV—MILITARY**
 2 **PERSONNEL**

3 **SEC. 4401. MILITARY PERSONNEL.**

SEC. 4401. MILITARY PERSONNEL (In Thousands of Dollars)		
Item	FY 2018 Request	House Authorized
Military Personnel Appropriations	133,881,636	134,064,025
Military Personnel Pay Raise		[206,400]
Realign European Reassurance Initiative to Base		[214,289]
Freeze BAH reduction for Military Housing Privat- ization Initiative		[125,000]
Historical unobligated balances		[-363,300]
Medicare-Eligible Retiree Health Fund Contribu- tions	7,804,427	7,804,427
Total, Military Personnel	141,686,063	141,868,452

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1 **SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**
2 **GENCY OPERATIONS.**

SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Item	FY 2018 Request	House Authorized
Military Personnel Appropriations	4,276,276	4,061,987
Realign European Reassurance Initiative to Base		[-214,289]

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1 **SEC. 4403. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**
 2 **GENCY OPERATIONS FOR BASE REQUIRE-**
 3 **MENTS.**

**SEC. 4403. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS FOR
 BASE REQUIREMENTS.
 (In Thousands of Dollars)**

Item	FY 2018 Request	House Authorized
Military Personnel Appropriations		1,017,700
Increase Active Army end strength by 10k		[829,400]
Increase Army National Guard end strength by 4k		[105,500]
Increase Army Reserve end strength by 3k		[82,800]
Medicare-Eligible Retiree Health Fund Contribu- tions		44,140
Accrual payment associated with increased Army end strength		[44,140]
Total, Military Personnel		1,061,840

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1 **TITLE XLV—OTHER**
 2 **AUTHORIZATIONS**

3 **SEC. 4501. OTHER AUTHORIZATIONS.**

SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)		
Item	FY 2018 Request	House Authorized
WORKING CAPITAL FUND, ARMY		
INDUSTRIAL OPERATIONS	43,140	43,140
SUPPLY MANAGEMENT—ARMY	40,636	90,747
Realign European Reassurance Initiative to Base		[50,111]
TOTAL WORKING CAPITAL FUND, ARMY	83,776	133,887
WORKING CAPITAL FUND, AIR FORCE		
SUPPLY MANAGEMENT	66,462	66,462
TOTAL WORKING CAPITAL FUND, AIR FORCE	66,462	66,462
WORKING CAPITAL FUND, DECA		
COMMISSARY OPERATIONS	1,389,340	1,389,340
TOTAL WORKING CAPITAL FUND, DECA	1,389,340	1,389,340
WORKING CAPITAL FUND, DEFENSE-WIDE		
SUPPLY CHAIN MANAGEMENT—DEFENSE	47,018	47,018
TOTAL WORKING CAPITAL FUND, DEFENSE- WIDE	47,018	47,018
NATIONAL DEFENSE SEALIFT FUND		
LG MED SPD RO/RO MAINTENANCE	135,800	135,800
DOD MOBILIZATION ALTERATIONS	11,197	11,197
TAH MAINTENANCE	54,453	54,453
RESEARCH AND DEVELOPMENT	18,622	18,622
READY RESERVE FORCES	289,255	296,255
Strategic Sealift SLEP		[7,000]
TOTAL NATIONAL DEFENSE SEALIFT FUND	509,327	516,327
CHEM AGENTS & MUNITIONS DESTRUCTION		
CHEM DEMILITARIZATION—O&M	104,237	104,237
CHEM DEMILITARIZATION—RDT&E	839,414	839,414
CHEM DEMILITARIZATION—PROC	18,081	18,081
TOTAL CHEM AGENTS & MUNITIONS DE- STRUCTION	961,732	961,732
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVI- TIES, DEFENSE	674,001	695,001
SOUTHCOM ISR		[21,000]
DRUG DEMAND REDUCTION PROGRAM	116,813	116,813
TOTAL DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF	790,814	811,814
OFFICE OF THE INSPECTOR GENERAL		
OPERATION AND MAINTENANCE	334,087	334,087
RDT&E	2,800	2,800
TOTAL OFFICE OF THE INSPECTOR GEN- ERAL	336,887	336,887
DEFENSE HEALTH PROGRAM OPERATION & MAINTENANCE		
IN-HOUSE CARE	9,457,768	9,475,768

SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)		
Item	FY 2018 Request	House Authorized
Maintenance of inpatient capabilities of OCONUS		
MTFs		[10,000]
Pre-mobilization health care under section 12304b		[8,000]
PRIVATE SECTOR CARE	15,317,732	15,317,732
CONSOLIDATED HEALTH SUPPORT	2,193,045	2,193,045
INFORMATION MANAGEMENT	1,803,733	1,803,733
MANAGEMENT ACTIVITIES	330,752	330,752
EDUCATION AND TRAINING	737,730	737,730
BASE OPERATIONS/COMMUNICATIONS	2,255,163	2,255,163
RDT&E		
RESEARCH	9,796	9,796
EXPLORATORY DEVELOPMENT	64,881	64,881
ADVANCED DEVELOPMENT	246,268	251,268
Program increase for hypoxia research		[5,000]
DEMONSTRATION/VALIDATION	99,039	99,039
ENGINEERING DEVELOPMENT	170,602	170,602
MANAGEMENT AND SUPPORT	69,191	69,191
CAPABILITIES ENHANCEMENT	13,438	13,438
PROCUREMENT		
INITIAL OUTFITTING	26,978	26,978
REPLACEMENT & MODERNIZATION	360,831	360,831
JOINT OPERATIONAL MEDICINE INFORMATION SYSTEM	8,326	8,326
DOD HEALTHCARE MANAGEMENT SYSTEM MODERNIZATION	499,193	499,193
UNDISTRIBUTED		
UNDISTRIBUTED		-161,600
Foreign Currency adjustments		[-15,500]
Historical unobligated balances		[-146,100]
TOTAL DEFENSE HEALTH PROGRAM	33,664,466	33,529,866
TOTAL OTHER AUTHORIZATIONS	37,849,822	37,793,333

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1 **SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CON-**
 2 **TINGENCY OPERATIONS.**

SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)		
Item	FY 2018 Request	House Authorized
WORKING CAPITAL FUND, ARMY		
INDUSTRIAL OPERATIONS		
SUPPLY MANAGEMENT—ARMY	50,111	-50,111
Realign European Reassurance Initiative to Base		[-50,111]
TOTAL WORKING CAPITAL FUND, ARMY	50,111	-50,111
WORKING CAPITAL FUND, DEFENSE-WIDE		
ENERGY MANAGEMENT—DEFENSE	70,000	70,000
SUPPLY CHAIN MANAGEMENT—DEFENSE	28,845	28,845
TOTAL WORKING CAPITAL FUND, DEFENSE- WIDE	98,845	98,845
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	196,300	196,300
TOTAL DRUG INTERDICTION & CTR-DRUG AC- TIVITIES, DEF	196,300	196,300
OFFICE OF THE INSPECTOR GENERAL		
OPERATION AND MAINTENANCE	24,692	24,692
TOTAL OFFICE OF THE INSPECTOR GENERAL	24,692	24,692
DEFENSE HEALTH PROGRAM OPERATION & MAINTENANCE		
IN-HOUSE CARE	61,857	61,857
PRIVATE SECTOR CARE	331,968	331,968
CONSOLIDATED HEALTH SUPPORT	1,980	1,980
TOTAL DEFENSE HEALTH PROGRAM	395,805	395,805
TOTAL OTHER AUTHORIZATIONS	765,753	715,642

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1 **TITLE XLVI—MILITARY**
 2 **CONSTRUCTION**
 3 **SEC. 4601. MILITARY CONSTRUCTION.**

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
	Alabama			
Army	Fort Rucker	Training Support Facility	38,000	38,000
	Arizona			
Army	Davis-Monthan AFB	General Instruction Building	22,000	22,000
Army	Fort Huachuca	Ground Transport Equipment Building	30,000	30,000
	California			
Army	Fort Irwin	Land Acquisition	3,000	3,000
	Colorado			
Army	Fort Carson	Ammunition Supply Point	21,000	21,000
Army	Fort Carson	Battlefield Weather Facility	8,300	8,300
	Florida			
Army	Eglin AFB	Multipurpose Range Complex	18,000	18,000
	Georgia			
Army	Fort Benning	Air Traffic Control Tower	0	10,800
Army	Fort Benning	Training Support Facility	28,000	28,000
Army	Fort Gordon	Access Control Point	33,000	33,000
Army	Fort Gordon	Automation-Aided Instructional Building	18,500	18,500
	Germany			
Army	Stuttgart	Commissary	40,000	40,000
Army	Wiesbaden	Administrative Building	43,000	43,000
	Hawaii			
Army	Fort Shafter	Command and Control Facility, Iner 3	90,000	90,000
	Indiana			
Army	Crane Army Ammunition Plant	Shipping and Receiving Building	24,000	24,000
	Korea			
Army	Kunsan AB	Unmanned Aerial Vehicle Hangar	53,000	53,000
	New York			
Army	U.S. Military Academy	Cemetery	22,000	22,000
	South Carolina			
Army	Fort Jackson	Reception Barracks Complex, Ph1	60,000	60,000
Army	Shaw AFB	Mission Training Complex	25,000	25,000
	Texas			
Army	Camp Bullis	Vehicle Maintenance Shop	13,600	13,600
Army	Fort Hood	Vehicle Maintenance Shop	0	33,000
Army	Fort Hood, Texas	Battalion Headquarters Complex	37,000	37,000
	Turkey			
Army	Turkey Various	Forward Operating Site	6,400	0
	Virginia			
Army	Fort Belvoir	Secure Admin/Operations Facility, Iner 3	14,124	14,124
Army	Joint Base Langley-Eustis	Aircraft Maintenance Instructional Bldg	34,000	34,000
Army	Joint Base Myer-Henderson	Security Fence	20,000	20,000
	Washington			
Army	Joint Base Lewis-McChord	Confinement Facility	66,000	66,000
Army	Yakima	Fire Station	19,500	19,500
	Worldwide Unspecified			
Army	Unspecified Worldwide Locations	Host Nation Support	28,700	28,700
Army	Unspecified Worldwide Locations	Planning and Design	72,770	72,770
Army	Unspecified Worldwide Locations	Prior Year Savings: Unspecified Minor Construction, Army.	0	-10,000
Army	Unspecified Worldwide Locations	Unspecified Minor Construction	31,500	41,500
	Military Construction, Army Total		920,394	957,794
	Arizona			
Navy	Yuma	Enlisted Dining Facility & Community Bldgs	36,358	36,358
	California			
Navy	Barstow	Combat Vehicle Repair Facility	36,539	36,539
Navy	Camp Pendleton	Ammunition Supply Point Upgrade	61,139	61,139
Navy	Coronado	Undersea Rescue Command Operations Building ...		36,000
Navy	Lemoore	F/A 18 Avionics Repair Facility Replacement	60,828	60,828
Navy	Miramar	Aircraft Maintenance Hangar (Inc 2)	39,600	39,600
Navy	Miramar	F-35 Simulator Facility	0	47,600

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
Navy	Twenty-nine Palms	Potable Water Treatment/Blending Facility	55,099	55,099
	District of Columbia			
Navy	NSA Washington	Electronics Science and Technology Laboratory	37,882	37,882
Navy	NSA Washington	Washington Navy Yard AT/FP	60,000	14,810
	Djibouti			
Navy	Camp Lemonnier	Aircraft Parking Apron Expansion	13,390	0
	Florida			
Navy	Mayport	Advanced Wastewater Treatment Plant (AWWTP)	74,994	74,994
Navy	Mayport	Missile Magazines	9,824	9,824
	Georgia			
Navy	Albany	Combat Vehicle Warehouse	0	43,300
	Greece			
Navy	Souda Bay	Strategic Aircraft Parking Apron Expansion	22,045	22,045
	Guam			
Navy	Joint Region Marianas	Aircraft Maintenance Hangar #2	75,233	75,233
Navy	Joint Region Marianas	Corrosion Control Hangar	66,747	66,747
Navy	Joint Region Marianas	MALS Facilities	49,431	49,431
Navy	Joint Region Marianas	Navy-Commercial Tie-in Hardening	37,180	37,180
Navy	Joint Region Marianas	Water Well Field	56,088	56,088
	Hawaii			
Navy	Joint Base Pearl Harbor-Hickam	Sewer Lift Station & Relief Sewer Line	73,200	73,200
Navy	Kaneohe Bay	LHD Pad Conversions MV-22 Landing Pads	19,012	19,012
Navy	Wahiawa	Communications/Crypto Facility	65,864	65,864
	Japan			
Navy	Iwakuni	KC-130J Enlisted Aircrew Trainer Facility	21,860	21,860
	Maine			
Navy	Kittery	Paint, Blast, and Rubber Facility	61,692	61,692
	North Carolina			
Navy	Camp Lejeune	Bachelor Enlisted Quarters	37,983	37,983
Navy	Camp Lejeune	Water Treatment Plant Replacement Hadnot Pt ...	65,784	65,784
Navy	Marine Corps Air Station Cherry Point	F-35B Vertical Lift Fan Test Facility	15,671	15,671
	Virginia			
Navy	Dam Neck	ISR Operations Facility Expansion	29,262	29,262
Navy	Joint Expeditionary Base Little Creek—Story	ACU-4 Electrical Upgrades	2,596	2,596
	Norfolk			
Navy	Norfolk	Chambers Field Magazine Recap PH 1	34,665	34,665
Navy	Portsmouth	Ship Repair Training Facility	72,990	72,990
Navy	Yorktown	Bachelor Enlisted Quarters	36,358	36,358
	Washington			
Navy	Indian Island	Missile Magazines	44,440	44,440
	Worldwide Unspecified			
Navy	Unspecified Worldwide Locations	Planning and Design	219,069	219,069
Navy	Unspecified Worldwide Locations	Prior Year Savings: Unspecified Minor Construction.	0	-10,000
Navy	Unspecified Worldwide Locations	Unspecified Minor Construction	23,842	23,842
Military Construction, Navy Total			1,616,665	1,674,985
	Alaska			
AF	Eielson AFB	F-35A ADAL Conventional Munitions Facility	2,500	2,500
AF	Eielson AFB	F-35A Age Facility / Fillstand	21,000	21,000
AF	Eielson AFB	F-35A Consolidated Munitions Admin Facility	27,000	27,000
AF	Eielson AFB	F-35A Extend Utiliduct to South Loop	48,000	48,000
AF	Eielson AFB	F-35A OSS/Weapons/Intel Facility	11,800	11,800
AF	Eielson AFB	F-35A R-11 Fuel Truck Shelter	9,600	9,600
AF	Eielson AFB	F-35A Satellite Dining Facility	8,000	8,000
AF	Eielson AFB	Repair Central Heat/Power Plant Boiler PH 4	41,000	41,000
	Australia			
AF	Darwin	APR—Bulk Fuel Storage Tanks	76,000	76,000
	California			
AF	Travis Air Force Base	KC-46A ADAL B14 Fuel Cell Hangar	0	1,400
AF	Travis Air Force Base	KC-46A Aircraft 3-Bay Maintenance Hangar	0	107,000
AF	Travis Air Force Base	KC-46A Alter B181/185/187 Squad Ops/AMU	0	6,400
AF	Travis Air Force Base	KC-46A Alter B811 Corrosion Control Hangar	0	7,700
	Colorado			
AF	Buckley Air Force Base	SBIRS Operations Facility	38,000	38,000
AF	Fort Carson, Colorado	13 ASOS Expansion	13,000	13,000
AF	U.S. Air Force Academy	Air Force Cyberworx	30,000	30,000
	Florida			
AF	Eglin AFB	F-35A Armament Research Fac Addition (B614)	8,700	8,700
AF	Eglin AFB	Long-Range Stand-Off Acquisition Fac	38,000	38,000

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
AF	Eglin AFB	Dormitories (288 RM)	0	44,000
AF	MacDill AFB	KC-135 Beddown OG/MXG HQ	8,100	8,100
AF	Tyndall AFB	Fire Station	0	17,000
	Georgia			
AF	Robins AFB	Commercial Vehicle Visitor Control Facility	9,800	9,800
	Italy			
AF	Aviano AB	Guardian Angel Operations Facility	27,325	0
	Kansas			
AF	McCormell AFB	Combat Arms Facility	17,500	17,500
	Mariana Islands			
AF	Timian	APR Land Acquisition	12,900	12,900
	Maryland			
AF	Joint Base Andrews	PAR Land Acquisition	17,500	17,500
AF	Joint Base Andrews	Presidential Aircraft Recap Complex	254,000	124,000
	Massachusetts			
AF	Hanscom AFB	Vandenberg Gate Complex	11,400	11,400
	Nevada			
AF	Nellis AFB	Red Flag 5th Gen Facility Addition	23,000	23,000
AF	Nellis AFB	Virtual Warfare Center Operations Facility	38,000	38,000
	New Jersey			
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B1749 for ATGL & LST Servicing.	0	2,000
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B1816 for Supply	0	6,900
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B2319 for Boom Operator Trainer.	0	6,100
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B2324 Regional Mx Training Fac	0	18,000
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B3209 for Fuselage Trainer	0	3,300
AF	McGuire-Dix-Lakehurst	KC-46A Add to B1837 for Body Tanks Storage ...	0	2,300
AF	McGuire-Dix-Lakehurst	KC-46A Aerospace Ground Equipment Storage ...	0	4,100
AF	McGuire-Dix-Lakehurst	KC-46A Alter Apron & Fuel Hydrants	0	17,000
AF	McGuire-Dix-Lakehurst	KC-46A Alter Bldgs for Ops and TFI AMU-AMXS.	0	9,000
AF	McGuire-Dix-Lakehurst	KC-46A Alter Facilities for Maintenance	0	5,800
AF	McGuire-Dix-Lakehurst	KC-46A Two-Bay General Purpose Maintenance Hangar.	0	72,000
	New Mexico			
AF	Cannon AFB	Dangerous Cargo Pad Relocate CATM	42,000	42,000
AF	Holloman AFB	RPA Fixed Ground Control Station Facility	4,250	4,250
AF	Kirtland Air Force Base	Fire Station	0	9,300
	North Dakota			
AF	Minot AFB	Indoor Firing Range	27,000	27,000
	Oklahoma			
AF	Altus AFB	KC-46A FTU Fuselage Trainer Phase 2	4,900	4,900
	Qatar			
AF	Al Udeid, Qatar	Consolidated Squadron Operations Facility	15,000	0
	Texas			
AF	Joint Base San Antonio	Air Traffic Control Tower	10,000	10,000
AF	Joint Base San Antonio	BMT Classrooms/Dining Facility 4	38,000	38,000
AF	Joint Base San Antonio	BMT Recruit Dormitory 7	90,130	90,130
AF	Joint Base San Antonio	Camp Bullis Dining Facility	18,500	18,500
	Turkey			
AF	Incirlik AB	Dormitory—216 PN	25,997	0
	United Kingdom			
AF	Royal Air Force Fairford	EIC RC-135 Infrastructure	2,150	2,150
AF	Royal Air Force Fairford	EIC RC-135 Intel and Squad Ops Facility	38,000	38,000
AF	Royal Air Force Fairford	EIC RC-135 Runway Overrun Reconfiguration	5,500	5,500
AF	Royal Air Force Lakenheath	Consolidated Corrosion Control Facility	20,000	20,000
AF	Royal Air Force Lakenheath	F-35A 6-Bay Hangar	24,000	24,000
AF	Royal Air Force Lakenheath	F-35A F-15 Parking	10,800	10,800
AF	Royal Air Force Lakenheath	F-35A Field Training Detachment Facility	12,492	12,492

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
AF	Royal Air Force Lakenheath	F-35A Flight Simulator Facility	22,000	22,000
AF	Royal Air Force Lakenheath	F-35A Infrastructure	6,700	6,700
AF	Royal Air Force Lakenheath	F-35A Squadron Operations and AMU	41,000	41,000
AF	Utah Hill AFB	UTTR Consolidated Mission Control Center	28,000	28,000
AF	Worldwide Unspecified Locations	KC-46A Main Operating Base 4	269,000	0
AF	Worldwide Unspecified Locations	Planning and Design	97,852	97,852
AF	Various Worldwide Locations	Unspecified Minor Construction	31,400	31,400
AF	Wyoming F. E. Warren AFB	Consolidated HELO/TRF OPS/AMU and Alert Facility.	62,000	62,000
Military Construction, Air Force Total			1,738,796	1,610,774
	California			
Def-Wide	Camp Pendleton	Ambulatory Care Center Replacement	26,400	26,400
Def-Wide	Camp Pendleton	SOF Marine Battalion Company/Team Facilities ...	9,958	9,958
Def-Wide	Camp Pendleton	SOF Motor Transport Facility Expansion	7,284	7,284
Def-Wide	Coronado	SOF Basic Training Command	96,077	96,077
Def-Wide	Coronado	SOF Logistics Support Unit One Ops Fac. #3	46,175	46,175
Def-Wide	Coronado	SOF Seal Team Ops Facility	66,218	66,218
Def-Wide	Coronado	SOF Seal Team Ops Facility	50,265	50,265
	Colorado			
Def-Wide	Schriever AFB	Ambulatory Care Center/Dental Add./Alt.	10,200	10,200
	CONUS Classified			
Def-Wide	Classified Location	Battalion Complex, PH 1	64,364	64,364
	Florida			
Def-Wide	Eglin AFB	SOF Simulator Facility	5,000	5,000
Def-Wide	Eglin AFB	Upgrade Open Storage Yard	4,100	4,100
Def-Wide	Hurlburt Field	SOF Combat Aircraft Parking Apron	34,700	34,700
Def-Wide	Hurlburt Field	SOF Simulator & Fuselage Trainer Facility	11,700	11,700
	Georgia			
Def-Wide	Fort Gordon	Blood Donor Center Replacement	10,350	10,350
	Germany			
Def-Wide	Rhine Ordnance Barracks	Medical Center Replacement Iner 7	106,700	106,700
Def-Wide	Spangdahlem AB	Spangdahlem Elementary School Replacement	79,141	79,141
Def-Wide	Stuttgart	Robinson Barracks Elem. School Replacement	46,609	46,609
	Greece			
Def-Wide	Souda Bay	Construct Hydrant System	18,100	18,100
	Guam			
Def-Wide	Andersen AFB	Construct Truck Load & Unload Facility	23,900	23,900
	Hawaii			
Def-Wide	Kunua	NSAH Kunua Tunnel Entrance	5,000	5,000
	Italy			
Def-Wide	Signonella	Construct Hydrant System	22,400	0
Def-Wide	Vicenza	Vicenza High School Replacement	62,406	62,406
	Japan			
Def-Wide	Iwakuni	Construct Bulk Storage Tanks PH 1	30,800	30,800
Def-Wide	Kadena AB	SOF Maintenance Hangar	3,972	3,972
Def-Wide	Kadena AB	SOF Special Tactics Operations Facility	27,573	27,573
Def-Wide	Okinawa	Replace Mooring System	11,900	11,900
Def-Wide	Sasebo	Upgrade Fuel Wharf	45,600	45,600
Def-Wide	Torri Commo Station	SOF Tactical Equipment Maintenance Fac	25,323	25,323
Def-Wide	Yokota AB	Airfield Apron	10,800	10,800
Def-Wide	Yokota AB	Hangar/Aircraft Maintenance Unit	12,034	12,034
Def-Wide	Yokota AB	Operations and Warehouse Facilities	8,590	8,590
Def-Wide	Yokota AB	Simulator Facility	2,189	2,189
	Maryland			
Def-Wide	Bethesda Naval Hospital	Medical Center Addition/Alteration Iner 2	123,800	123,800
Def-Wide	Fort Meade	NSAW Recapitalize Building #2 Iner 3	313,968	313,968
	Missouri			
Def-Wide	Fort Leonard Wood	Blood Processing Center Replacement	11,941	0
Def-Wide	Fort Leonard Wood	Hospital Replacement	250,000	150,000
Def-Wide	St Louis	Next NGA West (N2W) Complex	381,000	200,000
	New Mexico			
Def-Wide	Cannon AFB	SOF C-130 AGE Facility	8,228	8,228
	North Carolina			
Def-Wide	Camp Lejeune	Ambulatory Care Center Addition/Alteration	15,300	15,300

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
Def-Wide	Camp Lejeune	Ambulatory Care Center/Dental Clinic	21,400	21,400
Def-Wide	Camp Lejeune	Ambulatory Care Center/Dental Clinic	22,000	22,000
Def-Wide	Camp Lejeune	SOF Human Performance Training Center	10,800	10,800
Def-Wide	Camp Lejeune	SOF Motor Transport Maintenance Expansion	20,539	20,539
Def-Wide	Fort Bragg	SOF Human Performance Training Ctr	20,260	20,260
Def-Wide	Fort Bragg	SOF Support Battalion Admin Facility	13,518	13,518
Def-Wide	Fort Bragg	SOF Tactical Equipment Maintenance Facility	20,000	20,000
Def-Wide	Fort Bragg	SOF Telecomm Reliability Improvements	4,000	4,000
Def-Wide	Seymour Johnson AFB	Construct Tanker Truck Delivery System	20,000	20,000
	Puerto Rico			
Def-Wide	Punta Borinquen	Ramey Unit School Replacement	61,071	61,071
	South Carolina			
Def-Wide	Shaw AFB	Consolidate Fuel Facilities	22,900	22,900
	Texas			
Def-Wide	Fort Bliss	Blood Processing Center	8,300	0
Def-Wide	Fort Bliss	Hospital Replacement Iner 8	251,330	251,330
	United Kingdom			
Def-Wide	Menwith Hill Station	RAFMH Main Gate Rehabilitation	11,000	11,000
	Utah			
Def-Wide	Hill AFB	Replace POL Facilities	20,000	20,000
	Virginia			
Def-Wide	Joint Expeditionary Base Little Creek—Story	SOF SATEC Range Expansion	23,000	23,000
	Norfolk			
Def-Wide	Norfolk	Replace Hazardous Materials Warehouse	18,500	18,500
Def-Wide	Pentagon	Pentagon Corr 8 Pedestrian Access Control Pt	8,140	8,140
Def-Wide	Pentagon	S.E. Safety Traffic and Parking Improvements	28,700	28,700
Def-Wide	Pentagon	Security Updates	13,260	13,260
Def-Wide	Portsmouth	Replace Hazardous Materials Warehouse	22,500	22,500
	Worldwide Unspecified			
Def-Wide	Unspecified Worldwide Locations	Contingency Construction	10,000	0
Def-Wide	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	150,000	150,000
Def-Wide	Unspecified Worldwide Locations	ERCIP Design	10,000	10,000
Def-Wide	Unspecified Worldwide Locations	Exercise Related Minor Construction	11,490	11,490
Def-Wide	Unspecified Worldwide Locations	Planning & Design	23,012	23,012
Def-Wide	Unspecified Worldwide Locations	Planning & Design MDA East Coast Site	0	10,000
Def-Wide	Unspecified Worldwide Locations	Planning and Design	26,147	26,147
Def-Wide	Unspecified Worldwide Locations	Planning and Design	39,746	39,746
Def-Wide	Unspecified Worldwide Locations	Planning and Design	1,942	1,942
Def-Wide	Unspecified Worldwide Locations	Planning and Design	1,150	1,150
Def-Wide	Unspecified Worldwide Locations	Planning and Design	40,220	40,220
Def-Wide	Unspecified Worldwide Locations	Planning and Design	20,000	20,000
Def-Wide	Unspecified Worldwide Locations	Planning and Design	13,500	13,500
Def-Wide	Unspecified Worldwide Locations	Prior Year Savings: Defense Wide Unspecified Minor Construction.	0	-27,440
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	3,000	3,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	7,384	7,384
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	3,000	3,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	3,000	3,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	8,000	8,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	2,039	2,039
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	10,000	10,000
		Military Construction, Defense-Wide Total	3,114,913	2,763,832
	Worldwide Unspecified			
NATO	NATO Security Investment Program	NATO Security Investment Program	154,000	177,932

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
NATO	NATO Security Investment Program	Prior Year Savings: NATO Security Investment Program.	0	-25,000
NATO Security Investment Program Total			154,000	152,932
Army NG	Delaware New Castle	Combined Support Maintenance Shop	36,000	36,000
Army NG	Idaho MTC Gowen	Enlisted Barracks Transient Training	0	9,000
Army NG	Orehard Training Area	Digital Air/Ground Integration Range	22,000	22,000
Army NG	Maine Presque Isle	National Guard Readiness Center	17,500	17,500
Army NG	Maryland Sykesville	National Guard Readiness Center	19,000	19,000
Army NG	Minnesota Arden Hills	National Guard Readiness Center	39,000	39,000
Army NG	Missouri Springfield	Aircraft Maintenance Center	0	32,000
Army NG	New Mexico Las Cruces	National Guard Readiness Center Addition	8,600	8,600
Army NG	Virginia Fort Belvoir	Readiness Center Add/Alt	0	15,000
Army NG	Fort Pickett	Training Aids Center	4,550	4,550
Army NG	Washington Turnwater	National Guard Readiness Center	31,000	31,000
Army NG	Worldwide Unspecified Unspecified Worldwide Locations	Planning and Design	16,271	16,271
Army NG	Unspecified Worldwide Locations	Unspecified Minor Construction	16,731	16,731
Military Construction, Army National Guard Total			210,652	266,652
Army Res	California Fallbrook	Army Reserve Center	36,000	36,000
Army Res	Puerto Rico Agnadilla	Army Reserve Center	12,400	12,400
Army Res	Fort Buchanan	Reserve Center	0	26,000
Army Res	Washington Lewis-McCord	Reserve Center	0	30,000
Army Res	Wisconsin Fort McCoy	AT/MOB Dining Facility--1428 PN	13,000	13,000
Army Res	Worldwide Unspecified Unspecified Worldwide Locations	Planning and Design	6,887	6,887
Army Res	Unspecified Worldwide Locations	Unspecified Minor Construction	5,425	5,425
Military Construction, Army Reserve Total			73,712	129,712
N/MC Res	California Lemoore	Naval Operational Support Center Lemoore	17,330	17,330
N/MC Res	Georgia Fort Gordon	Naval Operational Support Center Fort Gordon	17,797	17,797
N/MC Res	New Jersey McGuire-Dix-Lakehurst	Aircraft Apron, Taxiway & Support Facilities	11,573	11,573
N/MC Res	Texas Fort Worth	KC130-J EACTS Facility	12,637	12,637
N/MC Res	Worldwide Unspecified Unspecified Worldwide Locations	Planning & Design	4,430	4,430
N/MC Res	Unspecified Worldwide Locations	Unspecified Minor Construction	1,504	1,504
Military Construction, Naval Reserve Total			65,271	65,271
Air NG	California March AFB	TFI Construct RPA Flight Training Unit	15,000	15,000
Air NG	Colorado Peterson AFB	Space Control Facility	8,000	8,000
Air NG	Connecticut Bradley IAP	Construct Base Entry Complex	7,000	7,000
Air NG	Indiana Fort Wayne International Airport	Add to Building 764 for Weapons Release	0	1,900
Air NG	Hulman Regional Airport	Construct Small Arms Range	0	8,000

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
Air NG	Kentucky Louisville IAP	Add/Alter Response Forces Facility	9,000	9,000
Air NG	Mississippi Jackson International Airport	Construct Small Arms Range	0	8,000
Air NG	Missouri Rosecrans Memorial Airport	Replace Communications Facility	10,000	10,000
Air NG	New York Hancock Field	Add to Flight Training Unit, Building 641	6,800	6,800
Air NG	Ohio Rickenbacker International Airport	Construct Small Arms Range	0	8,000
Air NG	Toledo Express Airport	NORTHCOM—Construct Alert Hangar	15,000	15,000
Air NG	Oklahoma Tulsa International Airport	Construct Small Arms Range	0	8,000
Air NG	Oregon Klamath Falls IAP	Construct Corrosion Control Hangar	10,500	10,500
Air NG	Klamath Falls IAP	Construct Indoor Range	8,000	8,000
Air NG	South Dakota Joe Foss Field	Aircraft Maintenance Shops	12,000	12,000
Air NG	Tennessee McGhee-Tyson Airport	Replace KC-135 Maintenance Hangar and Shops	25,000	25,000
Air NG	Wisconsin Dane County Regional Airport/Truax Field	Construct Small Arms Range	0	8,000
Air NG	Worldwide Unspecified Unspecified Worldwide Locations	Planning and Design	18,000	18,000
Air NG	Unspecified Worldwide Locations	Unspecified Minor Construction	17,191	17,191
Military Construction, Air National Guard Total			161,491	203,391
AF Res	Florida Patrick AFB	Guardian Angel Facility	25,000	25,000
AF Res	Georgia Robins Air Force Base	Consolidated Mission Complex Phase 2	0	32,000
AF Res	Guam Joint Region Marianas	Reserve Medical Training Facility	5,200	5,200
AF Res	Hawaii Joint Base Pearl Harbor-Hickam	Consolidated Training Facility	5,500	5,500
AF Res	Massachusetts Westover ARB	Indoor Small Arms Range	10,000	10,000
AF Res	Minnesota Minneapolis- St Paul IAP	Indoor Small Arms Range	0	9,000
AF Res	North Carolina Seymour Johnson AFB	KC-46A ADAL for Alt Mission Storage	6,400	6,400
AF Res	Texas NAS JRB Fort Worth	Munitions Training/Admin Facility	0	3,100
AF Res	Utah Hill AFB	Add/Alter Life Support Facility	3,100	3,100
AF Res	Worldwide Unspecified Unspecified Worldwide Locations	Planning & Design	4,725	4,725
AF Res	Unspecified Worldwide Locations	Unspecified Minor Construction	3,610	3,610
Military Construction, Air Force Reserve Total			63,535	107,635
FH Con Army	Georgia Fort Gordon	Family Housing New Construction	6,100	6,100
FH Con Army	Germany Baumholder	Construction Improvements	34,156	34,156
FH Con Army	South Camp Vilseck	Family Housing New Construction (36 Units)	22,445	22,445
FH Con Army	Korea Camp Humphreys	Family Housing New Construction Iner 2	34,402	34,402
FH Con Army	Kwajalein Kwajalein Atoll	Family Housing Replacement Construction	31,000	31,000
FH Con Army	Massachusetts Natick	Family Housing Replacement Construction	21,000	21,000
FH Con Army	Worldwide Unspecified Unspecified Worldwide Locations	Planning & Design	33,559	33,559
FH Con Army	Unspecified Worldwide Locations	Prior Year Savings: Family Housing Construction, Army.	0	-18,000

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
Family Housing Construction, Army Total			182,662	164,662
	Worldwide Unspecified			
FH Ops Army	Unspecified Worldwide Locations	Furnishings	12,816	12,816
FH Ops Army	Unspecified Worldwide Locations	Housing Privatization Support	20,893	20,893
FH Ops Army	Unspecified Worldwide Locations	Leasing	148,538	148,538
FH Ops Army	Unspecified Worldwide Locations	Maintenance	57,708	57,708
FH Ops Army	Unspecified Worldwide Locations	Management	37,089	37,089
FH Ops Army	Unspecified Worldwide Locations	Miscellaneous	400	400
FH Ops Army	Unspecified Worldwide Locations	Services	8,930	8,930
FH Ops Army	Unspecified Worldwide Locations	Utilities	60,251	60,251
Family Housing Operation And Maintenance, Army Total			346,625	346,625
	Bahrain Island			
FH Con Navy	SW Asia	Construct on-Base GFOQ	2,138	2,138
	Mariana Islands			
FH Con Navy	Guam	Replace Andersen Housing PH II	40,875	40,875
	Worldwide Unspecified			
FH Con Navy	Unspecified Worldwide Locations	Construction Improvements	36,251	36,251
FH Con Navy	Unspecified Worldwide Locations	Planning & Design	4,418	4,418
FH Con Navy	Unspecified Worldwide Locations	Prior Year Savings: Family Housing Construction, N/MC.	0	-8,000
Family Housing Construction, Navy And Marine Corps Total			83,682	75,682
	Worldwide Unspecified			
FH Ops Navy	Unspecified Worldwide Locations	Furnishings	14,529	14,529
FH Ops Navy	Unspecified Worldwide Locations	Housing Privatization Support	27,587	27,587
FH Ops Navy	Unspecified Worldwide Locations	Leasing	61,921	61,921
FH Ops Navy	Unspecified Worldwide Locations	Maintenance	95,104	95,104
FH Ops Navy	Unspecified Worldwide Locations	Management	50,989	50,989
FH Ops Navy	Unspecified Worldwide Locations	Miscellaneous	336	336
FH Ops Navy	Unspecified Worldwide Locations	Services	15,649	15,649
FH Ops Navy	Unspecified Worldwide Locations	Utilities	62,167	62,167
Family Housing Operation And Maintenance, Navy And Marine Corps Total			328,282	328,282
	Worldwide Unspecified			
FH Con AF	Unspecified Worldwide Locations	Construction Improvements	80,617	80,617
FH Con AF	Unspecified Worldwide Locations	Planning & Design	4,445	4,445
FH Con AF	Unspecified Worldwide Locations	Prior Year Savings: Family Housing Construction	0	-20,000
Family Housing Construction, Air Force Total			85,062	65,062
	Worldwide Unspecified			
FH Ops AF	Unspecified Worldwide Locations	Furnishings	29,424	29,424
FH Ops AF	Unspecified Worldwide Locations	Housing Privatization	21,569	21,569
FH Ops AF	Unspecified Worldwide Locations	Leasing	16,818	16,818
FH Ops AF	Unspecified Worldwide Locations	Maintenance	134,189	134,189
FH Ops AF	Unspecified Worldwide Locations	Management	53,464	53,464

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
FH Ops AF	Unspecified Worldwide Locations	Miscellaneous	1,839	1,839
FH Ops AF	Unspecified Worldwide Locations	Services	13,517	13,517
FH Ops AF	Unspecified Worldwide Locations	Utilities	47,504	47,504
Family Housing Operation And Maintenance, Air Force Total			318,324	318,324
Worldwide Unspecified				
FH Ops DW	Unspecified Worldwide Locations	Furnishings	407	407
FH Ops DW	Unspecified Worldwide Locations	Furnishings	641	641
FH Ops DW	Unspecified Worldwide Locations	Furnishings	6	6
FH Ops DW	Unspecified Worldwide Locations	Leasing	12,390	12,390
FH Ops DW	Unspecified Worldwide Locations	Leasing	39,716	39,716
FH Ops DW	Unspecified Worldwide Locations	Maintenance	567	567
FH Ops DW	Unspecified Worldwide Locations	Maintenance	655	655
FH Ops DW	Unspecified Worldwide Locations	Management	319	319
FH Ops DW	Unspecified Worldwide Locations	Services	14	14
FH Ops DW	Unspecified Worldwide Locations	Utilities	268	268
FH Ops DW	Unspecified Worldwide Locations	Utilities	4,100	4,100
FH Ops DW	Unspecified Worldwide Locations	Utilities	86	86
Family Housing Operation And Maintenance, Defense-Wide Total			59,169	59,169
Worldwide Unspecified				
FHIF	Unspecified Worldwide Locations	Administrative Expenses—FHIF	2,726	2,726
DOD Family Housing Improvement Fund Total			2,726	2,726
Worldwide Unspecified				
UHIF	Unaccompanied Housing Improvement Fund	Administrative Expenses—UHIF	623	623
Unaccompanied Housing Improvement Fund Total			623	623
Worldwide Unspecified				
BRAC	Base Realignment & Closure, Army	Base Realignment and Closure	58,000	58,000
Base Realignment and Closure—Army Total			58,000	58,000
Worldwide Unspecified				
BRAC	Base Realignment & Closure, Navy	Base Realignment & Closure	93,474	128,474
BRAC	Unspecified Worldwide Locations	DON-100: Planning, Design and Management	8,428	8,428
BRAC	Unspecified Worldwide Locations	DON-101: Various Locations	23,753	23,753
BRAC	Unspecified Worldwide Locations	DON-138: NAS Brunswick, ME	647	647
BRAC	Unspecified Worldwide Locations	DON-157: MCSA Kansas City, MO	40	40
BRAC	Unspecified Worldwide Locations	DON-172: NWS Seal Beach, Concord, CA	5,355	5,355
BRAC	Unspecified Worldwide Locations	DON-84: JRB Willow Grove & Cambria Reg AP	4,737	4,737
BRAC	Unspecified Worldwide Locations	Undistributed	7,210	7,210
Base Realignment and Closure—Navy Total			143,644	178,644
Worldwide Unspecified				
BRAC	Unspecified Worldwide Locations	DOD BRAC Activities—Air Force	54,223	54,223

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
		Base Realignment and Closure—Air Force Total	54,223	54,223
		Total, Military Construction	9,782,451	9,585,000



1 **SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CON-**
 2 **TINGENCY OPERATIONS.**

SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	House Agreement
	Cuba			
Army	Guantanamo Bay	OCO: Barracks	115,000	115,000
	Turkey			
Army	Various Locations	Forward Operating Site	0	6,400
	Worldwide Unspecified			
Army	Unspecified Worldwide Locations	ERI: Planning and Design	15,700	15,700
Army	Unspecified Worldwide Locations	OCO: Planning and Design	9,000	9,000
Military Construction, Army Total			139,700	146,100
	Djibouti			
Navy	Camp Lemonnier	Aircraft Parking Apron Expansion	0	13,390
	Worldwide Unspecified			
Navy	Unspecified Worldwide Locations	ERI: Planning and Design	18,500	18,500
Military Construction, Navy Total			18,500	31,890
	Estonia			
AF	Amari Air Base	ERI: POL Capacity Phase II	4,700	4,700
AF	Amari Air Base	ERI: Tactical Fighter Aircraft Parking Apron	9,200	9,200
	Hungary			
AF	Keeskemet AB	ERI: Airfield Upgrades	12,900	0
AF	Keeskemet AB	ERI: Construct Parallel Taxiway	30,000	0
AF	Keeskemet AB	ERI: Increase POL Storage Capacity	12,500	0
	Iceland			
AF	Keflavik	ERI: Airfield Upgrades	14,400	14,400
	Italy			
AF	Aviano AB	Guardian Angel Operations Facility	0	27,325
	Jordan			
AF	Azraq	OCO: MSAB Development	143,000	143,000
	Latvia			
AF	Lielvarde Air Base	ERI: Expand Strategic Ramp Parking	3,850	3,850
	Luxembourg			
AF	Sanem	ERI: ECAOS Deployable Airbase System Storage	67,400	67,400
	Norway			
AF	Rygge	ERI: Replace/Expand Quick Reaction Alert Pad	10,300	0
	Qatar			
AF	Al Udeid	Consolidated Squadron Operations Facility	0	15,000
	Romania			
AF	Campia Turzii	ERI: Upgrade Utilities Infrastructure	2,950	2,950
	Slovakia			
AF	Malacky	ERI: Airfield Upgrades	4,000	0
AF	Malacky	ERI: Increase POL Storage Capacity	20,000	0
AF	Sliac Airport	ERI: Airfield Upgrades	22,000	0
	Turkey			
AF	Incirlik AB	Dormitory—216PN	0	25,997
AF	Incirlik AB	OCO: Relocate Base Main Access Control Point	14,600	14,600
AF	Incirlik AB	OCO: Replace Perimeter Fence	8,100	8,100
	Worldwide Unspecified			
AF	Unspecified Worldwide Locations	ERI: Planning and Design	56,630	56,630
AF	Unspecified Worldwide Locations	OCO—Planning and Design	41,500	41,500
Military Construction, Air Force Total			478,030	434,652
	Italy			
Def-Wide	Signonella	Construct Hydrant System	0	22,400
	Worldwide Unspecified			
Def-Wide	Unspecified Worldwide Locations	ERI: Planning and Design	1,900	1,900
Military Construction, Defense-Wide Total			1,900	24,300
Total, Military Construction			638,130	636,942

1 **TITLE XLVII—DEPARTMENT OF**
 2 **ENERGY NATIONAL SECURITY**
 3 **PROGRAMS**

4 **SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY**
 5 **PROGRAMS.**

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2018 Request	House Authorized
Discretionary Summary By Appropriation		
Energy And Water Development, And Related Agencies		
Appropriation Summary:		
Energy Programs		
Nuclear Energy	133,000	133,000
Atomic Energy Defense Activities		
National nuclear security administration:		
Weapons activities	10,239,344	10,423,544
Defense nuclear nonproliferation	1,793,310	1,873,310
Naval reactors	1,479,751	1,479,751
Federal salaries and expenses	418,595	407,595
Total, National nuclear security administration	13,931,000	14,184,200
Environmental and other defense activities:		
Defense environmental cleanup	5,537,186	5,607,186
Other defense activities	815,512	818,512
Defense nuclear waste disposal	30,000	30,000
Total, Environmental & other defense activities	6,382,698	6,455,698
Total, Atomic Energy Defense Activities	20,313,698	20,639,898
Total, Discretionary Funding	20,446,698	20,772,898
Nuclear Energy		
Idaho sitewide safeguards and security	133,000	133,000
Total, Nuclear Energy	133,000	133,000
Weapons Activities		
Directed stockpile work		
Life extension programs		
B61 Life extension program	788,572	788,572
W76 Life extension program	224,134	224,134
W88 Alteration program	332,292	332,292
W80-4 Life extension program	399,090	399,090
Total, Life extension programs	1,744,088	1,744,088
Stockpile systems		
B61 Stockpile systems	59,729	59,729
W76 Stockpile systems	51,400	51,400
W78 Stockpile systems	60,100	60,100
W80 Stockpile systems	80,087	80,087
B83 Stockpile systems	35,762	35,762
W87 Stockpile systems	83,200	83,200
W88 Stockpile systems	131,576	131,576
Total, Stockpile systems	501,854	501,854
Weapons dismantlement and disposition		
Operations and maintenance	52,000	52,000
Stockpile services		
Production support	470,400	470,400
Research and development support	31,150	31,150
R&D certification and safety	196,840	196,840
Management, technology, and production	285,400	285,400
Total, Stockpile services	983,790	983,790

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2018 Request	House Authorized
Strategic materials		
Uranium sustainment	20,579	20,579
Plutonium sustainment	210,367	210,367
Tritium sustainment	198,152	198,152
Domestic uranium enrichment	60,000	60,000
Strategic materials sustainment	206,196	206,196
Total, Strategic materials	695,294	695,294
Total, Directed stockpile work	3,977,026	3,977,026
Research, development, test and evaluation (RDT&E)		
Science		
Advanced certification	57,710	57,710
Primary assessment technologies	89,313	89,313
Dynamic materials properties	122,347	122,347
Advanced radiography	37,600	37,600
Secondary assessment technologies	76,833	74,833
Program decrease		[-2,000]
Academic alliances and partnerships	52,963	52,963
Enhanced Capabilities for Subcritical Experiments	50,755	50,755
Total, Science	487,521	485,521
Engineering		
Enhanced surety	39,717	39,717
Weapon systems engineering assessment technology	23,029	23,029
Nuclear survivability	45,230	49,230
Program increase		[4,000]
Enhanced surveillance	45,147	45,147
Stockpile Responsiveness	40,000	40,000
Total, Engineering	193,123	197,123
Inertial confinement fusion ignition and high yield		
Ignition	79,575	76,575
Program decrease		[-3,000]
Support of other stockpile programs	23,565	23,565
Diagnostics, cryogenics and experimental support	77,915	77,915
Pulsed power inertial confinement fusion	7,596	7,596
Joint program in high energy density laboratory plasmas	9,492	9,492
Facility operations and target production	334,791	331,791
Program decrease		[-3,000]
Total, Inertial confinement fusion and high yield	532,934	526,934
Advanced simulation and computing		
Advanced simulation and computing	709,244	709,244
Construction:		
18-D-670, Exascale Class Computer Cooling Equipment, LNL	22,000	22,000
18-D-620, Exascale Computing Facility Modernization Project	3,000	3,000
Total, Construction	25,000	25,000
Total, Advanced simulation and computing	734,244	734,244
Advanced manufacturing		
Additive manufacturing	12,000	12,000
Component manufacturing development	38,644	38,644
Processing technology development	29,896	29,896
Total, Advanced manufacturing	80,540	80,540
Total, RDT&E	2,028,362	2,024,362
Infrastructure and operations (formerly RTBF)		
Operations of facilities	868,000	868,000
Safety and environmental operations	116,000	116,000
Maintenance and repair of facilities	360,000	395,000
Program increase to address high-priority preventative maintenance through FIRR		[35,000]
Recapitalization	427,342	542,342
Program increase to address high-priority deferred maintenance through FIRR		[115,000]
Construction:		
18-D-670, Material Staging Facility, PX	0	5,200

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2018 Request	House Authorized
Project initiation		[5,200]
18-D-660, Fire Station, Y-12	28,000	28,000
18-D-650, Tritium Production Capability, SRS	6,800	6,800
17-D-640 U1a Complex Enhancements Project, NNSS	22,100	22,100
17-D-630 Expand Electrical Distribution System, LLNL	6,000	6,000
16-D-515 Albuquerque complex project	98,000	98,000
15-D-613 Emergency Operations Center, Y-12	7,000	7,000
07-D-220 Radioactive liquid waste treatment facility upgrade project, LANL	2,100	2,100
07-D-220-04 Transuranic liquid waste facility, LANL	17,895	17,895
06-D-141 Uranium processing facility Y-12, Oak Ridge, TN	663,000	663,000
04-D-125 Chemistry and metallurgy research facility replacement project, LANL	180,900	180,900
Total, Construction	1,031,795	1,036,995
Total, Infrastructure and operations	2,803,137	2,958,337
Secure transportation asset		
Operations and equipment	219,464	219,464
Program direction	105,600	105,600
Total, Secure transportation asset	325,064	325,064
Defense nuclear security		
Operations and maintenance	686,977	719,977
Support to physical security infrastructure recapitalization and CSTART		[33,000]
Total, Defense nuclear security	686,977	719,977
Information technology and cybersecurity	186,728	186,728
Legacy contractor pensions	232,050	232,050
Total, Weapons Activities	10,239,344	10,423,544
Defense Nuclear Nonproliferation		
Defense Nuclear Nonproliferation Programs		
Global material security		
International nuclear security	46,339	46,339
Radiological security	146,340	146,340
Nuclear smuggling detection	144,429	139,429
Program decrease		[-5,000]
Total, Global material security	337,108	332,108
Material management and minimization		
HEU reactor conversion	125,500	125,500
Nuclear material removal	32,925	37,925
Acceleration of priority programs		[5,000]
Material disposition	173,669	173,669
Total, Material management & minimization	332,094	337,094
Nonproliferation and arms control	129,703	129,703
Defense nuclear nonproliferation R&D	446,095	451,095
Acceleration of low-yield detection experiments and 3D printing efforts		[5,000]
Nonproliferation Construction:		
18-D-150 Surplus Plutonium Disposition Project	9,000	9,000
99-D-143 Mixed Oxide (MOX) Fuel Fabrication Facility, SRS	270,000	340,000
Program increase		[70,000]
Total, Nonproliferation construction	279,000	349,000
Total, Defense Nuclear Nonproliferation Programs	1,524,000	1,599,000
Low Enriched Uranium R&D for Naval Reactors	0	5,000
Direct support to low-enriched uranium R&D for Naval Reactors		[5,000]
Legacy contractor pensions	40,950	40,950
Nuclear counterterrorism and incident response program	277,360	277,360
Resission of prior year balances	-49,000	-49,000
Total, Defense Nuclear Nonproliferation	1,793,310	1,873,310

Naval Reactors

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SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2018 Request	House Authorized
Naval reactors development	473,267	473,267
Columbia-Class reactor systems development	156,700	156,700
S8G Prototype refueling	190,000	190,000
Naval reactors operations and infrastructure	466,884	466,884
Construction:		
15-D-904 NRF Overpack Storage Expansion 3	13,700	13,700
15-D-903 KL Fire System Upgrade	15,000	15,000
14-D-901 Spent fuel handling recapitalization project, NRF	116,000	116,000
Total, Construction	144,700	144,700
Program direction	48,200	48,200
Total, Naval Reactors	1,479,751	1,479,751
Federal Salaries And Expenses		
Program direction	418,595	407,595
Program decrease to support maximum of 1,690 employees		[-11,000]
Total, Office Of The Administrator	418,595	407,595
Defense Environmental Cleanup		
Closure sites:		
Closure sites administration	4,889	4,889
Hanford site:		
River corridor and other cleanup operations	58,692	93,692
Acceleration of priority programs		[35,000]
Central plateau remediation	637,879	645,879
Acceleration of priority programs		[8,000]
Richland community and regulatory support	5,121	5,121
Construction:		
18-D-404 WESF Modifications and Capsule Storage	6,500	6,500
15-D-401 Containerized sludge removal annex, RL	8,000	8,000
Total, Construction	14,500	14,500
Total, Hanford site	716,192	759,192
Idaho National Laboratory:		
SNF stabilization and disposition—2012	19,975	19,975
Solid waste stabilization and disposition	170,101	170,101
Radioactive liquid tank waste stabilization and disposition	111,352	111,352
Soil and water remediation—2035	44,727	44,727
Idaho community and regulatory support	4,071	4,071
Total, Idaho National Laboratory	350,226	350,226
NNSA sites		
Lawrence Livermore National Laboratory	1,175	1,175
Separations Process Research Unit	1,800	1,800
Nevada	60,136	60,136
Sandia National Laboratories	2,600	2,600
Los Alamos National Laboratory	191,629	191,629
Total, NNSA sites and Nevada off-sites	257,340	257,340
Oak Ridge Reservation:		
OR Nuclear facility D & D		
OR-0041—D&D - Y-12	29,369	29,369
OR-0042—D&D -ORNL	48,110	48,110
Construction:		
17-D-401 On-site waste disposal facility	5,000	5,000
14-D-403 Outfall 200 Mercury Treatment facility	17,100	17,100
Total, OR Nuclear facility D & D	82,479	82,479
U233 Disposition Program	33,784	33,784
OR cleanup and disposition	66,632	66,632
OR reservation community and regulatory support	4,605	4,605
OR Solid waste stabilization and disposition technology develop- ment	3,000	3,000
Total, Oak Ridge Reservation	207,600	207,600
Office of River Protection:		
Waste treatment and immobilization plant		
Construction:		

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2018 Request	House Authorized
01-D-416 A-D WTP Subprojects A-D	655,000	655,000
01-D-416 E—Pretreatment Facility	35,000	35,000
Total, 01-D-416 Construction	690,000	690,000
WTP Commissioning	8,000	8,000
Total, Waste treatment and immobilization plant	698,000	698,000
Tank farm activities		
Rad liquid tank waste stabilization and disposition	713,311	713,311
Construction:		
15-D-409 Low activity waste pretreatment system, ORP	93,000	93,000
Total, Tank farm activities	806,311	806,311
Total, Office of River protection	1,504,311	1,504,311
Savannah River Sites:		
Nuclear Material Management	323,482	350,482
Acceleration of priority programs		[27,000]
Environmental Cleanup		
Environmental Cleanup	159,478	159,478
Construction:		
08-D-402, Emergency Operations Center	500	500
Total, Environmental Cleanup	159,978	159,978
SR community and regulatory support	11,249	11,249
Radioactive liquid tank waste:		
Radioactive liquid tank waste stabilization and disposition	597,258	597,258
Construction:		
18-D-401, SDU #8/9	500	500
17-D-402—Saltstone Disposal Unit #7	40,000	40,000
05-D-405 Salt waste processing facility, Savannah River Site	150,000	150,000
Total, Construction	190,500	190,500
Total, Radioactive liquid tank waste	787,758	787,758
Total, Savannah River site	1,282,467	1,309,467
Waste Isolation Pilot Plant		
Operations and maintenance	206,617	206,617
Central characterization project	22,500	22,500
Transportation	21,854	21,854
Construction:		
15-D-411 Safety significant confinement ventilation system, WIPP	46,000	46,000
15-D-412 Exhaust shaft, WIPP	19,600	19,600
Total, Construction	65,600	65,600
Total, Waste Isolation Pilot Plant	316,571	316,571
Program direction	300,000	300,000
Program support	6,979	6,979
WCF Mission Related Activities	22,109	22,109
Minority Serving Institution Partnership	6,000	6,000
Safeguards and Security		
Oak Ridge Reservation	16,500	16,500
Paducah	14,049	14,049
Portsmouth	12,713	12,713
Richland/Hanford Site	75,600	75,600
Savannah River Site	142,314	142,314
Waste Isolation Pilot Project	5,200	5,200
West Valley	2,784	2,784
Total, Safeguards and Security	269,160	269,160
Cyber Security	43,342	43,342
Technology development	25,000	25,000
HQEF-0040—Excess Facilities	225,000	225,000
Total, Defense Environmental Cleanup	5,537,186	5,607,186
Other Defense Activities		
Environment, health, safety and security		
Environment, health, safety and security	130,693	130,693

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2018 Request	House Authorized
Program direction	68,765	68,765
Total, Environment, Health, safety and security	199,458	199,458
Independent enterprise assessments		
Independent enterprise assessments	24,068	24,068
Program direction	50,863	50,863
Total, Independent enterprise assessments	74,931	74,931
Specialized security activities	237,912	240,912
Classified topic		[3,000]
Office of Legacy Management		
Legacy management	137,674	137,674
Program direction	16,932	16,932
Total, Office of Legacy Management	154,606	154,606
Defense-related activities		
Defense related administrative support		
Chief financial officer	48,484	48,484
Chief information officer	91,443	91,443
Project management oversight and assessments	3,073	3,073
Total, Defense related administrative support	143,000	143,000
Office of hearings and appeals	5,605	5,605
Subtotal, Other defense activities	815,512	818,512
Total, Other Defense Activities	815,512	818,512
Defense Nuclear Waste Disposal		
Yucca mountain and interim storage	30,000	30,000
Total, Defense Nuclear Waste Disposal	30,000	30,000

DIRECTIVE REPORT LANGUAGE

Table Of Contents

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

AIRCRAFT PROCUREMENT, AIR FORCE

Items of Special Interest

F-35 Lightning II aircraft program

Wide-area motion imagery intelligence capability

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, ARMY

Items of Special Interest

Enhanced lightweight hard armor and combat helmet research and development

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, NAVY

Items of Special Interest

MQ-25 Unmanned Air System

TITLE VIII—ACQUISITION POLICY, ACQUISITION MANAGEMENT, AND RELATED MATTERS

ITEMS OF SPECIAL INTEREST

Accuracy of Pricing in Responses to Letters of Request for Pricing and Availability in Foreign Military Sales

Other Transaction Consortia

Outcome-Based Services Contracts

Procurement Technical Assistance Centers

Report on Commercial Acquisition Transparency

Review of Implementation of Online Marketplace Procurement

Reviews of Acquisition Statute and the Federal Acquisition Regulation

Should-Cost Analysis Methodology and Transparency

Technical Exchanges on Independent Research and Development Projects

Transparency in Department of Defense Contract Negotiations

Vendor Vetting Process and Guidance

TITLE X—GENERAL PROVISIONS

ITEMS OF SPECIAL INTEREST

COUNTER-DRUG ACTIVITIES

Venezuela Security and Stability

OTHER MATTERS

Department of Defense Overmatch Strategy

Navy Reserve F/A-18 Aircraft

Overseas Posture and Permanently Stationed Forces

TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

ITEMS OF SPECIAL INTEREST

Assessment of Freedom of Navigation Operations in the South China Sea

Cultural Preservation in Armed Conflict
Department of Defense Briefing on Crisis Response in Africa
Global Theater Security Cooperation Management Information System
Implementation of Strategy to Prevent and Respond to Gender-Based Violence
Improvements to Transparency in the Technology Release Process in Foreign
Military Sales
Independent Security Cooperation Evaluation Office
Plan to Enhance Imagery Sharing with Allies in the Asia-Pacific Region
Report on Impact of Outsourcing on the U.S. Defense Industrial Base
U.S. Civilian Contractors in Iraq

TITLE XVI—STRATEGIC PROGRAMS, CYBER, AND INTELLIGENCE MATTERS

ITEMS OF SPECIAL INTEREST

MISSILE DEFENSE PROGRAMS

Plan to Assess the Acquisition of Missile Defense Targets

CYBER-RELATED MATTERS

Cyber Training and Talent Management

INTELLIGENCE MATTERS

Defense Clandestine Service

Improving Analytic Automation

Intelligence Simulation Center

Intelligence, Surveillance, and Reconnaissance Capability Imbalance

Joint Intelligence, Surveillance, and Reconnaissance Management

Report on National Intelligence Program and Military Intelligence Program

Integration Against Hard Targets

Review by Comptroller General of the United States of the General Defense
Intelligence Program

Secure Compartmented Information Facility Standardization

Strengthening Intelligence Input to Milestone Decisions

Underground Facility Targeting Capabilities

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

AIRCRAFT PROCUREMENT, AIR FORCE

Items of Special Interest

F-35 Lightning II aircraft program

The committee continues to support the F-35 Lightning II program. The F-35 Lightning II aircraft is the Department of Defense's largest acquisition program,

which will eventually deliver 2,443 F-35 aircraft to the Departments of the Navy and Air Force. The committee notes the Department of Defense has taken delivery of over 285 F-35 aircraft. The committee believes that the F-35 will form the backbone of U.S. air combat superiority for decades to come, replacing or complementing the legacy tactical fighter fleets of the Air Force, Navy, and Marine Corps with a dominant, multirole, fifth-generation aircraft capable of projecting U.S. power and deterring potential adversaries. The committee notes that, for the F-35 program's international partners and foreign military sales customers, the F-35 will become a cornerstone for future coalition operations and will enhance the strength of our security alliances.

The committee understands the F-35 Lightning II program is approximately 90 percent through its system development and demonstration (SDD) phase, which is planned to be completed not later than the second quarter of fiscal year 2018 and will provide capabilities required by the Departments of the Navy and Air Force in a final software block known as block 3F. At a hearing held by the House Committee on Armed Services' Subcommittee on Tactical Air and Land Forces on February 16, 2017, the F-35 program executive officer (PEO) testified that the F-35 program is making solid progress as it grows and accelerates. The committee notes that looking beyond completion of the SDD phase of the F-35 program, the follow-on effort, known as the follow-on modernization (FOM) or block 4 program, is moving forward and will be executed as a continuation of the F-35 program with full transparency and reporting on cost, schedule, and performance as if it were a new program. The committee fully supports development and delivery of a FOM software increment that will provide vitally important additional combat capabilities such as advanced electronic protection, nuclear weapon delivery, and additional air-to-ground precision munitions. The committee believes that the FOM is critical to improve the F-35's warfighting capabilities to keep pace with rapidly maturing adversary threat aircraft and integrated air defense systems, and expects that the FOM engineering, manufacturing, and development contract award will take place as scheduled in late 2018.

The committee is aware the budget request for SDD is \$231.0 million over the previous year's projection for SDD in fiscal year 2018, and that this additional amount is necessary due to delays in software development, the need to address problems found during testing, and funding reductions in prior years. The committee also notes that both the Director of Cost Assessment and Program Evaluation and the Government Accountability Office have estimated that significant additional funding beyond the amount requested may be necessary to finish the SDD phase of the program, and that the difference between their estimates and the F-35 joint program office estimates are due in large part to different assumptions about flight test efficiency and duration.

The committee supports completion of the SDD phase and delivery of full block 3F software capability as soon as possible. However, the committee is concerned that, if remaining SDD activities do take longer and cost more than planned, the joint program office may recommend termination of the SDD phase,

and transfer of unfinished or incomplete capabilities could be deferred into the FOM portion of the program. While the committee understands that deferral of some minor capabilities may be appropriate and low-risk, the committee does not support premature termination of the SDD phase if combat capabilities critical to the military services are not completed. Accordingly, the committee directs the Secretary of Defense to submit a report to the congressional defense committees, not later than January 30, 2018, that provides an updated estimate of the cost and time necessary to complete the SDD phase, a list of any block 3F capabilities planned for deferral to the FOM phase, and the impact of any such deferred capabilities on the FOM phase of the program.

The committee continues to support increased F-35 aircraft production rates to address fighter aircraft capability and capacity shortfalls in both the Departments of the Navy and Air Force. The committee notes that at a hearing held by the Subcommittee on Tactical Air and Land Forces on July 13, 2016, entitled “Future Air Dominance and the Role of Fifth Generation Fighters,” the Commander of the Air Combat Command testified that, to address capability and capacity shortfalls in the Department of the Air Force, the desired F-35A production rate is 60 aircraft per year. The committee believes that full-rate production in fiscal year 2021 would require an annual procurement rate of 80 F-35As, 36 F-35Bs, and 30 F-35Cs. The committee expects the Department of Defense to invest in the tooling necessary to accelerate these future F-35 production rates.

The committee is also aware that the Department of Defense has recently reached a successful agreement with the F-35 prime contractor that achieves lower unit costs for low-rate initial production (LRIP) lot 10. Further, the committee notes the testimony of the F-35 PEO at the February 16, 2017, hearing informed the committee that the then President-elect had a conversation with the F-35 PEO, prior to the conclusion of the lot 10 negotiations, where the President-elect sought more information about the F-35 and its affordability. The F-35 PEO also noted that the conversation with the President-elect resulted in tasks to the F-35 Program Office to determine what actions are currently being taken to ensure the affordability of the F-35, and how the Department of Defense can be assured that F-35s are procured at the best value. The committee commends the actions taken by the administration and the F-35 PEO to negotiate lower unit costs and continued cost savings for F-35 aircraft.

To continue the trend of decreasing unit F-35 procurement costs, the committee notes that the Department of Defense submitted a request for authorization to enter into contracts for economic order quantities of material and equipment for use in F-35 procurement contracts, to be awarded during fiscal years 2019 and 2020, so that the Department of Defense can execute a block buy contracting strategy. The committee understands that such a block buy contracting strategy would generate cost savings of approximately \$2.0 billion. Accordingly, elsewhere in this Act, the committee includes a provision that would authorize the Secretary of Defense to enter into one or more contracts, beginning with the fiscal year 2018 program year, for the procurement of economic order quantities for

material and equipment for the F-35 program, to be used in F-35 procurement contracts in fiscal years 2019 and 2020.

Wide-area motion imagery intelligence capability

The budget request contained \$4.5 million in PE 35206F for development of airborne reconnaissance systems, and \$321.1 million for MQ-9 unmanned aircraft system (UAS) modifications, but contained no funding for continued development or procurement of wide-area motion imagery (WAMI) beyond line-of sight (BLOS) capabilities.

The committee notes that persistent, near real-time day and night WAMI capability is considered by operational commanders to be a critical beyond line-of-sight intelligence, surveillance, and reconnaissance capability for numerous combat units. WAMI capability has been deployed in support of combat operations in Afghanistan since 2010 and in Iraq since 2015; however, despite the invaluable capability that WAMI capability provides, the Air Force has only been able to provide four steady-state UAS lines of WAMI capability. The committee understands that last year, the Department of Defense validated a U.S. Central Command Joint Urgent Operational Need Statement that requires the further development and procurement of WAMI BLOS capabilities for forward-deployed operations.

Accordingly, the committee recommends \$17.3 million in PE 35206F, an increase of \$12.8 million, for development of WAMI BLOS processor upgrades to enable enhanced data management and integration of multi-intelligence WAMI technologies, automatic target recognition, correlation and tracking information, and near-vertical direction finding capabilities. The committee recommends \$326.3 million for MQ-9 UAS modifications, an increase of \$5.2 million, to complete the purchase of the 10th pod set for which partial funding was authorized by the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

Additionally, the committee directs the Vice Chairman of the Joints Chief of Staff (VCJCS), utilizing the Joint Requirements Oversight Council process, to provide a report to the House Committee on Armed Services by March 1, 2018, that determines the quantity of steady-state operational combat UAS lines that would be required to provide WAMI BLOS capabilities to meet airborne signals and imagery intelligence requirements for all of the geographic combatant commanders. The committee expects the VCJCS to seek input from all geographic combatant commanders, and to also provide an explanation of underpinning assumptions and risk analysis for the final derived requirement.

Finally, the committee directs the Secretary of the Air Force to provide a report to the House Committee on Armed Services by March 1, 2018, that describes in detail the life-cycle weapon system sustainment and modernization strategy for maintaining an enduring WAMI capability for the geographic combatant commanders.

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, ARMY

Items of Special Interest

Enhanced lightweight hard armor and combat helmet research and development

The budget request contained \$20.2 million in PE 63827A for soldier systems - advanced development, to include weight reduction and performance improvements for body armor and combat helmets.

The committee has consistently highlighted the critical need for modernization of personal protective equipment (PPE), to include body armor and combat helmets. In previous legislation, the committee has expressed its concern regarding the Department of Defense's long-term strategy for PPE industrial base sustainment, and has encouraged the Department to pursue strategies that would allow for sustainment of this critical industrial base through modernization efforts. For example, section 141 and section 216 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84) established separate procurement line items and separate program elements required for the procurement and research and development (R&D) of individual body armor and associated components. The committee continues to encourage and recommend a weapon system approach to PPE acquisition, in particular body armor and combat helmets. The committee believes this would provide for more efficient planning, programming, and budgeting for PPE, and would create a more stable environment for the industrial base to continue to invest in innovation and weight reduction technology.

The committee notes the Army's Soldier Protection System and other service R&D efforts have made significant progress in reducing the weight and improving the form, fit, and function of body armor. The committee is also aware of current R&D projects in this PE to help advance improved performance. The committee understands that the Department of Defense Appropriations Act, 2017 (division C of Public Law 115-31) included an additional \$25.0 million in PE 63827A to continue to improve the capability of hard and soft body armor and combat helmets. The committee supports this initiative and understands the industrial base is ready to start the efforts to address the Army's two key goals of reducing body armor weight by 20 percent or more, and improving combat helmet capability against projected threats.

The committee recommends \$45.2 million, an increase of \$25.0 million, in PE 63827A to ensure continuity and sufficient resources are programmed for enhanced soft and hard body armor and combat helmet research and development. The committee also directs the Secretary of the Army to provide a briefing to the House Committee on Armed Services by March 14, 2018, on the Army's plan to obligate these additional funds, and identify potential development projects that could be accelerated.

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, NAVY

Items of Special Interest

MQ-25 Unmanned Air System

The committee notes that the MQ-25 Unmanned Air System program is programmed to provide an air refueling capability. The committee supports this unmanned air refueling capability and believes that it is critical that the Navy integrate an unmanned aerial vehicle into carrier aviation operations to increase the striking power of carrier air wings.

However, the committee is concerned that while the MQ-25 program continues to leverage Unmanned Carrier-Launched Airborne Surveillance and Strike (UCLASS) requirements justification, the most recent documentation that was sent to industry did not include precision strike capability as a requirement. The committee believes that the Navy may be unnecessarily excluding a critical capability and precluding future growth in a platform that will likely be integrated into the carrier air wing for the next 30 years.

Finally, the committee directs the Comptroller General of the United States to submit a report to the congressional defense committees by March 1, 2018, on the Navy's carrier based unmanned aircraft acquisition program(s), with specific focus on the MQ-25 that takes into account the revised capability development document. At a minimum the report should include: (1) the extent to which the program(s) have established cost, schedule, and performance goals, including test, production, and fielding plans; and (2) an assessment of program progress toward meeting those goals.

TITLE VIII—ACQUISITION POLICY, ACQUISITION MANAGEMENT, AND RELATED MATTERS

ITEMS OF SPECIAL INTEREST

Accuracy of Pricing in Responses to Letters of Request for Pricing and Availability in Foreign Military Sales

The committee is concerned about the pricing and availability (P&A) process for foreign military sales. Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than November 1, 2017, on P&A responses. The briefing should address the process for contractors to provide input, feedback, and adjudication of any differences regarding the appropriateness of governmental P&A estimates prior to delivery to potential foreign customers of formal responses to letters of request for P&A as required by section 1297(b) of the National Defense Authorization Act for Fiscal

Year 2017 (Public Law 114-328), as well as the methodology used to determine pricing for P&A responses.

Other Transaction Consortia

The committee remains committed to providing the Department of Defense needed flexibility to acquire advanced capabilities through streamlined and expedited processes. Toward that end, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than November 1, 2017, on ways to improve the use of other transactions (OT) authorized in section 2371 of title 10, United States Code. The briefing should address the value and successes of OT, including development of OT consortia of willing companies, non-profit organizations, and academic institutions; potential areas where OT consortia may enable more effective, flexible, and agile acquisitions; opportunities for OT consortia to be used for emerging research and prototyping to develop better modeling, simulation, and training tools; and recommendations the Secretary may have for improving OT authorities.

Outcome-Based Services Contracts

The committee is aware that the Department of Defense awards input-oriented services contracts that require, for example, the number of personnel to be contracted, as well as the education and experience levels, skill sets, and work locations of the contracted personnel. An alternative approach to services contracting is to require the outcomes that must be achieved in a specified time, along with associated milestones and standards by which success will be measured. This outcome-based approach could allow contractors the flexibility to deliver services in the most cost-effective manner using advancements in business processes, including innovations in automation and other technology. The committee directs the Secretary of Defense to evaluate the use of outcome-based services contracts within the Department and provide a briefing to the House Committee on Armed Services by March 1, 2018, on the results. The evaluation and briefing should include a comparison of the Department's use of outcome-based services contracts versus input-based services contracts, the limitations of outcome-based services contracts, a description of the obstacles to the use of outcome-based requirements in lieu of specified personnel requirements, and an analysis of the cost implications of both approaches.

Procurement Technical Assistance Centers

The committee is concerned about reports that for-profit companies are selling services to assist other businesses in registering in the System for Award Management of the General Services Administration (GSA), a service that Procurement Technical Assistance Centers (PTACs) offer for free. The committee directs the Secretary of Defense to provide a briefing to the House Committee on

Armed Services not later than September 1, 2017, on ways to best inform businesses about free services available from PTACs. In developing the briefing, the Secretary should coordinate with the Administrator of GSA and the Administrator of the Small Business Administration.

Report on Commercial Acquisition Transparency

The committee is concerned that some contractors of the Department of Defense may be disguising their identities and cost structures from procurement officers, in effect acting as hidden monopolists with unreasonable prices or establishing anonymous or opaque ownership structures for other benefits that are contrary to the government's interests. Therefore, the committee directs the Comptroller General of the United States to conduct a study of Department of Defense processes to determine the identities and cost structures of contractors, how anonymous or opaque ownership structures can circumvent these processes, potential abuses by companies with anonymous or opaque ownership structures, and means of improving such processes to enhance transparency and prevent such abuses. The committee further directs the Comptroller General to provide a briefing to the congressional defense committees by February 1, 2018, with a report to follow, on the results of the study.

Review of Implementation of Online Marketplace Procurement

Elsewhere in this title, the committee includes a provision that would require the General Services Administration (GSA) to contract with multiple commercial online marketplaces for the procurement of certain commercial-off-the-shelf products. The committee anticipates that opportunities to purchase additional products through online marketplaces may arise as GSA gains familiarity with the use of online marketplaces. Toward that end, the committee directs the Administrator of GSA to provide a briefing to the House Committee on Armed Services and the House Committee on Oversight and Government Reform, not later than 6 months after the first contract with a marketplace is awarded, on the results of online marketplace purchasing. The briefing should address the dollar value of purchases through each marketplace, lessons learned from implementation, any limitations on product purchases that were established in implementation guidance, potential means of addressing or overcoming such limitations, and potential means of procuring through marketplaces products referenced in section 2410n of title 10, United States Code.

Reviews of Acquisition Statute and the Federal Acquisition Regulation

The committee strongly supports efforts to thoroughly review the defense acquisition process by the Section 809 Panel on Streamlining and Codifying Acquisition Regulations, which was established in the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92). The Panel produced an

interim report in May, 2017, that recommended several revisions to acquisition statutes and regulations. Elsewhere in this Act, the committee includes provisions related to the recommended statutory changes. The committee directs the Administrator of the Office of Federal Procurement Policy to review the recommended changes to the Federal Acquisition Regulation (FAR) and provide a briefing to the House Committee on Armed Services and the House Committee on Oversight and Government Reform not later than December 1, 2017, on the findings of the review. The briefing should include recommendations for modifying the FAR consistent with the Panel recommendations or reasons that the Panel's recommendations cannot be adopted.

In addition to the Panel's recommendations, the committee is concerned that process requirements have built up in acquisition statutes over time and may now impair effective procurement practices and decision making. The committee recognizes that each individual process requirement was intended to effect a specific change in acquisition outcomes. However, the amalgamation of processes may contribute to a culture of compliance within the defense acquisition system and hinder agile acquisitions that provide better capabilities to warfighters more quickly.

For example, section 2377 of title 10, United States Code, establishes a preference for acquisition of commercial items. However, it also stipulates processes for how requirements must be stated; how market research is to be conducted by government personnel and prime contractors; and required training. Section 2384a of title 10, United States Code, requires agencies to procure supplies in economically efficient quantities. However, it also requires solicitations to invite contractors to submit alternative quantities that may be economically efficient, which may increase proposal costs and acquisition decision timelines.

The committee encourages the Panel to review such process requirements during its deliberations. It also directs the Secretary of Defense to conduct a review of process requirements in the acquisition sections of title 10, United States Code, and submit a report to the Committees on Armed Services of the Senate and the House of Representatives not later than April 1, 2018, on the findings of the review. The review should:

- (1) identify process requirements in acquisition statutes that hinder agile acquisitions;
- (2) identify any obsolete statute (elsewhere in this Act, the committee includes an example provision to repeal an expired pilot program); and
- (3) recommend any related statutory changes that should be considered to simplify or improve the agility of the defense acquisition system.

Should-Cost Analysis Methodology and Transparency

Since 2010, the Department of Defense has promoted “should-cost” management to identify process efficiencies and technical trade-offs that can reduce acquisition costs without compromising performance requirements. The committee

is concerned, however, that the Department may not be sufficiently transparent with should-cost analyses, thereby reducing associated benefits to the Department. Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services by September 30, 2017, on should-cost processes. At a minimum, the briefing shall address the following issues:

(1) a description of the features distinguishing should-cost reviews from analyses of program direct and indirect costs;

(2) the process for communicating with the contractor the elements of a proposed should-cost review;

(3) the method for ensuring that every identified should-cost savings opportunity is based on accurate, complete, and current information and is tied to a specific engineering or business change that can be quantified and tracked;

(4) a description of the training, skills, and experience, including cross-functional experience, that Department and contractor officials carrying out a should-cost review should possess;

(5) the method for ensuring appropriate collaboration with the contractor throughout the review process; and

(6) a description of review process requirements that provide for sufficient analysis and minimize any impact on program schedule.

Technical Exchanges on Independent Research and Development Projects

The committee supports efforts to increase mutually beneficial communications between government and industry and ensure the vital flow of information on technology needs and areas of research. The committee is aware that exchanges of information on independent research and development (IR&D) projects currently occur in many areas. Contractors often seek out information about the technology needs of the Department of Defense and inform the Department about IR&D projects in order to enhance their competitiveness.

The committee is concerned, however, that a recent Defense Federal Acquisition Regulation Supplement (DFARS) rule links the technical exchange of information on IR&D projects to the determination of allowable costs for those projects. While having greater visibility of IR&D projects early in the process can be beneficial to the Department, the committee questions the necessity of creating a direct linkage between technical exchanges and the determination of allowable costs. Further, the committee believes this linkage results in practical difficulties in implementation for both the Department and industry that could potentially disrupt ongoing research and development efforts that are vital to improving our warfighters' technological edge.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services by October 1, 2017, on technical exchanges for IR&D projects. The briefing should include:

(1) the extent to which technical exchanges occur presently with contractors, including contractor IR&D reviews, and how the Department uses the information received through these reviews;

(2) the extent to which IR&D information submitted to the Defense Technical Information Center database in accordance with the DFARS rule is used by the Department;

(3) a description of the additional information that is expected to be obtained through the technical exchanges required by the DFARS rule and how this information would be used by the Department;

(4) the rationale for linking the determination of cost allowability to technical exchanges and the advantages and disadvantages of such linkage; and

(5) a detailed plan for how the Department would implement the DFARS rule, including staffing, IT infrastructure, the implementation timeline, and required funding.

The committee expects the Secretary will consider suspending implementation of the DFARS rule until this implementation plan and briefing is completed.

Transparency in Department of Defense Contract Negotiations

The Federal Government requires defense contractors to submit substantial cost and pricing data in proposals for major defense acquisition programs. Contractors are also required to submit substantial amounts of information for business case analyses that support Government decision making. The committee is concerned that the Department of Defense may not be, in turn, providing appropriate transparency for industry to understand, evaluate, and respond to departmental counteroffers and requests for additional information. Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than September 30, 2017, on efforts to improve transparency during contract negotiations and business case analyses.

Vendor Vetting Process and Guidance

The committee continues to believe that a comprehensive vendor vetting process is essential to prevent the Department of Defense from awarding contracts to companies having ties to violent extremist organizations or other inappropriate entities. The committee is encouraged by the fact that two combatant commands, U.S. Central Command and U.S. Transportation Command, have established vendor vetting cells to determine whether potential vendors actively support any terrorist, criminal, or other sanctioned organization, but is concerned about the extent to which the Department has developed an approach to institutionalize vendor vetting across the Department and geographic combatant commands, including guidance and the information systems involved in vendor vetting. For example, the committee notes that the U.S. Government Accountability Office reported in December 2015 that the Department lacks guidance specifying

conditions under which combatant commands should have a vendor vetting process or cell in place, and has identified other deficiencies in the vendor vetting process (GAO-16-105).

Therefore, the committee directs the Comptroller General of the United States to assess the Department's efforts to institutionalize vendor vetting across the Department and geographic combatant commands. At a minimum, the review shall address:

(1) the extent to which the Department and its geographic combatant commands have developed guidance on vendor vetting;

(2) the extent to which the Department and its geographic combatant commands have established and are implementing vendor vetting processes, including information systems involved in vendor vetting;

(3) the sufficiency of the internal controls the Department has in place to ensure that the information used to make determinations of vendor risk is complete, accurate, and timely, including appeals processes, if any, available to vendors; and

(4) the challenges, if any, the Department faces with regard to vendor vetting.

The committee further directs the Comptroller General to provide a briefing to the House Committee on Armed Services not later than January 31, 2018, on the Comptroller General's preliminary findings and to submit a final report to the congressional defense committees on a date agreed to at the time of the briefing.

TITLE X—GENERAL PROVISIONS

ITEMS OF SPECIAL INTEREST

COUNTER-DRUG ACTIVITIES

Venezuela Security and Stability

The committee is concerned about the growing economic and political unrest occurring in the Bolivarian Republic of Venezuela under President Nicolas Maduro. With reports of famine, political uncertainty and corruption, a disintegrating economy, and undue violent government action against its citizens, the committee is concerned that instability in Venezuela could lead to a government collapse and failed state. In addition, this instability could result in portions of the Venezuelan population migrating to neighboring countries, including the Republic of Colombia, the Cooperative Republic of Guyana, the Republic of Peru, and the Federative Republic of Brazil, seeking humanitarian relief. The effects of a large scale humanitarian crisis in the region could be catastrophic.

The committee is concerned about U.S. Government contingency planning if a collapse of the Venezuelan Government and economy occurs. Therefore, the committee directs the Secretary of Defense, in coordination with other Federal Government agencies and departments that the Secretary deems appropriate, to

provide a briefing, which may be classified, to the House Committee on Armed Services not later than September 30, 2017, on U.S. Government contingency plans for a potential humanitarian and migration crisis in Venezuela if its Government and economy collapse, to include the Department of Defense's roles and responsibilities and assets that would contribute to such plans.

OTHER MATTERS

Department of Defense Overmatch Strategy

The committee remains concerned that U.S. superiority in some key warfare domains may be at risk with the advances in technology being made by other nations that are designed to counter U.S. overmatch. While the committee appreciates the assessments conducted by the Department of Defense, including the Office of Net Assessment, to characterize trends in competitive capabilities, the committee also seeks to understand the Department's efforts to address these challenges.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than September 30, 2017, on the Department's strategy to maintain overmatch, including the organizations, activities, and resources involved in the development and implementation of such strategy.

Navy Reserve F/A-18 Aircraft

The committee remains concerned over the health and readiness of the Navy Reserve combat air fleet. The committee is aware that the Navy Reserve tactical aviation squadrons provide critical adversary support and strike fighter weapons training to Active Duty forces, and must maintain a high mobilization readiness level as the sole strategic reserve available to the U.S. Navy. The committee understands the Navy Reserve currently operates 33 legacy F/A-18A+ aircraft that are currently shared between 2 squadrons. The committee notes that with an average airframe age of 30 years and onboard systems that are no longer compatible with today's Carrier Air Wing, these aircraft are increasingly less capable than the F/A-18E/F Super Hornets. The committee believes this could impact the ability of these two Navy Reserve squadrons in meeting requirements for advanced strike employment, as well as simulating current advanced threat aircraft. The committee also believes these legacy F/A-18A+ aircraft need to be recapitalized with next generation capability in order to provide realistic threat-representative training for naval aviators and to maintain operational readiness that provides a relevant and deployable backstop to the Active Duty air wings.

Accordingly, the committee directs the Secretary of the Navy, in coordination with the Chief of the Navy Reserve, to provide a briefing to the House Committee on Armed Services, not later than December 1, 2017, on its plans to recapitalize the Navy Reserve combat air fleet.

Overseas Posture and Permanently Stationed Forces

The committee asserts that there is operational and strategic value in maintaining forward presence of U.S. military forces in both the U.S. European Command and U.S. Pacific Command's areas of responsibilities. Forward-positioned forces reduce time and space limitations by providing rapid response capabilities to geographic combatant commanders, serve as a deterrent to potential adversaries while assuring partners and allies, and facilitate cooperative efforts to build and develop partner-nation security capabilities. However, the committee notes that several geographic combatant commands have relied on rotational forces to meet requirements due to reductions in the number of permanently stationed forces. While rotational forces can maintain required force levels and help exercise certain skill sets, the committee is concerned that an over-reliance on rotational forces may come at a greater financial cost and with limitations on meeting requirements for our strategic and operational aims when compared to permanently stationed forces.

For example, the use of rotational forces encumbers at least three units to support the one rotation: the unit currently performing the rotational mission, the unit training to assume the rotational mission, and the unit undergoing reset after completing the rotational mission. The committee is concerned that this may have an adverse impact on the readiness and availability of units. Unlike permanently stationed forces, rotational forces are also not assigned to a geographic area long enough to develop and sustain expertise on the terrain, supporting infrastructure, sustainable lines of communication, and regional security forces. This may adversely affect the ability of rotational and partner-nation forces to effectively coordinate responses to contingencies. The committee is also concerned that partner nations may question the United States' commitment, and partner forces may experience fatigue due to the higher operational training tempo associated with rotational forces. Finally, the committee is aware that the financial costs of supporting "heel-to-toe" rotational units over several years may be greater than correlating costs for permanently forward-stationed units.

Due to these limitations, the committee asserts that it better serves the United States' operational and strategic interests to maintain additional permanently stationed forces where the geographic combatant commanders have requirements for persistent force presence to: provide rapid response capabilities; deter potential adversaries; assure partners and allies; or facilitate cooperative efforts to build and develop partner-nation security capabilities. The committee is concerned that the United States' posture may be out of balance and lack sufficient emphasis on permanent forward-stationed forces.

Therefore, the committee directs the Secretary of Defense, in consultation with the service secretaries, to submit a report to the congressional defense committees not later than April 1, 2018, on the Department's strategy for balancing the force structure of the U.S. Armed Forces as part of any planned growth in end strength and force structure. The report shall be unclassified, but may include a classified annex. At a minimum, the report should address the following issues with

respect to U.S. European Command and U.S. Pacific Command's areas of responsibility:

(1) an assessment of the additional permanently stationed forces at overseas locations required to meet U.S. strategic requirements and the operational requirements of the geographic combatant commanders;

(2) an assessment of the infrastructure capacity of existing overseas locations and their ability to accommodate additional forces;

(3) an overview of new locations that might be considered for permanently stationed forces and the estimated cost and scope of infrastructure investments, to include improvements to training areas, which would be required at those locations to support permanently stationed forces. This should include an assessment of what infrastructure investments might be provided by the host-nation as well as new construction or modernization of existing facilities that would be funded by the United States;

(4) a detailed list of investments in equipment, supplies, logistics, storage, and maintenance, at current and new overseas locations, required to support additional permanently stationed forces;

(5) an assessment of the readiness benefits and disadvantages associated with stationing additional permanent forces at overseas locations; and

(6) a discussion of potential challenges with stationing additional permanent forces or developing new locations for permanently stationed forces as a result of treaty obligations, international agreements, or other legally binding instruments.

TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

ITEMS OF SPECIAL INTEREST

Assessment of Freedom of Navigation Operations in the South China Sea

The committee supports recent Freedom of Navigation Operations (FONOP) in the South China Sea that challenge arbitrary limitations that are in contravention of the United Nations Convention on the Law of the Sea. Therefore, the committee directs the Secretary of Defense, in consultation with the Secretary of State, to provide a report to the congressional defense committees, the Committee on Foreign Affairs of the House of Representatives, and the Committee on Foreign Relations of the Senate, not later than November 30, 2017, that outlines U.S. policy and strategy regarding freedom of navigation in the global commons and a plan for conducting FONOPs in the South China Sea with regularity and frequency. The report shall be submitted in unclassified form but may contain a classified annex.

Cultural Preservation in Armed Conflict

The committee recognizes Department of Defense policy, including the Department Directive 2311.01E, "Department of Defense Law of War Program," which states it is Department policy to comply with the law of war during all armed conflicts and in all other military operations, including treaties and international agreements to which the United States is a party, such as the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict. The committee is encouraged by actions the Department has taken to protect cultural property, including its training, education, and cataloging efforts as discussed in the Department's 2015 report relating to the protection of cultural property in the event of armed conflict, required by section 1273 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291). However the committee remains concerned that the development, application, and oversight of policy and principles for cultural preservation in armed conflict remains inconsistent.

Therefore, the committee directs the Secretary of Defense to provide a report to the House Committee on Armed Services by September 29, 2017, that identifies:

- (1) the specific Assistant Secretary of Defense or Deputy Assistant Secretary of Defense responsible for managing and evaluating compliance with the 1954 Hague Convention and other relevant law of war requirements;
- (2) the offices and agencies within the Department that have responsibility for obtaining information related to safeguarding cultural heritage sites during armed conflict and other military operations;
- (3) the funding mechanisms that the Department uses, or would plan to use, to obtain relevant cultural heritage information; and
- (4) any other information the Secretary deems relevant.

Department of Defense Briefing on Crisis Response in Africa

The committee is concerned about the ability of the Department of Defense to provide rapid response to crises in Africa. The committee is aware that with current force posture and resources, the United States may be accepting a high level of risk in fulfilling crisis response support for U.S. posts that have been determined to be "high risk, high threat" as part of the "New Normal" requirements, as well as in responding to other emergent threats. Moreover, the committee is concerned that U.S. Africa Command may not have sufficient forces, enablers, and other resources to meet the "New Normal" requirements, particularly with the reduction in the force structure of the Special Purpose Marine Air Ground Task Force-Crisis Response-Africa, while also meeting other requirements.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than October 31, 2017, on the Department's assessment of its ability to respond to "New Normal" and other crisis response requirements in Africa, and courses of action to reduce risk.

Global Theater Security Cooperation Management Information System

The committee is concerned that the functionality and effectiveness of the Global Theater Security Cooperation Management Information System (G-TSCMIS) are hindered by the lack of timely and regular input of high-quality security cooperation event information. The value and functionality of G-TSCMIS for all users is directly related to the input of information by those responsible across the Department of Defense. Inconsistent and late information creates an inaccurate global operating picture of security cooperation activities, thus hampering data analysis, planning, monitoring, and resource allocation decisions. Further, the committee believes that G-TSCMIS should be considered as a means to capture and disseminate security cooperation assessment, monitoring, and evaluation information, including lessons learned.

Therefore, the committee directs the Under Secretary of Defense for Policy, in coordination with the Deputy Chief Management Officer, to provide a briefing to the House Committee on Armed Services not later than October 1, 2017, on:

(1) measures the Department can take to improve data entry in G-TSCMIS, including recommendations for G-TSCMIS business process reengineering to streamline processes;

(2) other steps to improve the functionality, utility, and effectiveness of G-TSCMIS; and

(3) the potential for incorporation of Assessment, Monitoring, and Evaluation functionality in future releases of G-TSCMIS, including an assessment of other technical means or collaboration opportunities to increase functionality that the Department of Defense may be pursuing.

Elsewhere in this Act, the committee includes a provision that would require the Secretary of Defense to submit an assessment to the congressional defense committees on the effectiveness of measures taken to improve the functionality of G-TSCMIS.

Implementation of Strategy to Prevent and Respond to Gender-Based Violence

The committee is aware of efforts by the Department of Defense to implement the "United States Strategy to Prevent and Respond to Gender-Based Violence Globally," and appreciates the Department's efforts to keep the committee apprised of its implementation activities. However, the committee remains concerned about the metrics used to assess, monitor, and evaluate the activities, programs, and investments employed to implement the strategy.

Therefore, the committee directs the Deputy Assistant Secretary of Defense for Stability and Humanitarian Affairs to provide a briefing to the House Committee on Armed Services not later than October 2, 2017, on the Department's efforts to effectively assess, monitor, and evaluate activities, programs, and investments, to include the methodology used in the formulation of metrics, related to the "United States Strategy to Prevent and Respond to Gender-Based Violence Globally."

Improvements to Transparency in the Technology Release Process in Foreign Military Sales

The committee is encouraged by Department of Defense initiatives to improve internal Department processes in Foreign Military Sales (FMS) and urges the Department to continue to seek improvements. The committee is aware that the Deputy Secretary of Defense established a Defense Senior Steering Group on Arms Transfers and Technology Release in August 2008 to review and improve the Department's decision-making on arms transfers and release of sensitive technology. In July 2010, the Deputy Secretary issued a memorandum to revise the Department's Technology Security and Foreign Disclosure processes, pursuant to the Steering Group's recommendations and Presidential Study Directive 8, issued in December 2009. The committee is aware that the Defense Security Cooperation Agency and the Defense Technology Security Administration engage with stakeholders through a variety of means; however, the committee remains concerned about the extent to which these organizations communicate with industry stakeholders regarding the technology release processes. Therefore, the committee directs the Under Secretary of Defense for Policy to provide a briefing to the House Committee on Armed Services and the House Committee on Foreign Affairs not later than October 31, 2017, on communication with industry stakeholders on relevant processes for considering the release of sensitive technology and steps to improve that communication.

Independent Security Cooperation Evaluation Office

The committee commends the Department of Defense for issuing its policy, Department of Defense Instruction (DODI) 5132.14, requiring the assessment, monitoring, and evaluation of security cooperation programs. High-quality, independent evaluations of these programs can reveal important lessons for improving the effectiveness of security cooperation programs. The committee notes that DODI 5132.14 directs the establishment of an independent evaluation office, consistent with international best practices. Further, the committee believes the establishment of such an office to be an important prerequisite to effective implementation of the broader policy. To ensure that evaluations are both useful and utilized for decision-making, the committee directs the Under Secretary of Defense for Policy to provide a briefing to the House Committee on Armed Services by October 1, 2017, on its progress toward establishing an independent evaluation office.

Plan to Enhance Imagery Sharing with Allies in the Asia-Pacific Region

The committee supports enhancing imagery sharing with allies in the Asia-Pacific region to improve joint non-proliferation, counterproliferation, and ballistic missile detection and defense capabilities. The committee directs the Secretary of Defense, in consultation with the Director of National Intelligence, to develop and

implement a plan for enhancing the sharing of commercial imagery and national technical means with the Governments of the Republic of Korea and Japan, consistent with the national security of the United States and with the protection of sources and methods. The committee further directs the Secretary to provide a briefing to the House Committee on Armed Services and the House Permanent Select Committee on Intelligence on this plan and its implementation not later than November 30, 2017.

Report on Impact of Outsourcing on the U.S. Defense Industrial Base

The committee has long been concerned with the vitality of the U.S. defense industrial base. The committee notes the domestic manufacturing sector has been particularly affected by the compounding deleterious effects of current market practices and business trends regarding outsourcing. The committee believes that large-scale outsourcing of U.S. manufacturing requirements to receptive foreign countries, such as the People's Republic of China, is having a damaging effect on the U.S. defense industrial base and could endanger national security.

Therefore, the committee directs the Comptroller General of the United States to submit a report to the Committee on Armed Services of the House of Representatives by November 1, 2018, on the national security implications of private companies that outsource their industrial and manufacturing capacities to locations outside of the United States. The report shall include the following elements:

- (1) an assessment of the material effects of such outsourcing on the U.S. defense industrial base;
- (2) an assessment of the national security risks to the U.S. defense industrial base of such outsourcing, including the integrity of the Department of Defense acquisition system, logistics network, or supply chains;
- (3) an assessment of the risks posed by such outsourcing to the readiness of U.S. military forces to field a full spectrum of military capabilities; and
- (4) the risks posed by such outsourcing and its effects on the U.S. defense industrial base to the capacity of the United States to sustain a protracted conflict against a near-peer adversary.

U.S. Civilian Contractors in Iraq

The committee notes that U.S. civilian contractors supporting the U.S. military in the Republic of Iraq are performing services absent a diplomatic agreement that provides them with legal and financial safeguards. The committee is concerned that U.S. civilian contractors may be subject to visa denials, tax collection efforts, and other actions which may hinder support to U.S. forces and coalition partners, including their ability to provide U.S. forces and coalition partners with timely access to critical supplies.

Therefore, the committee directs the Secretary of Defense, in coordination with the Secretary of State, to provide a briefing to the House Committee on Armed

Services and the House Committee on Foreign Affairs not later than July 31, 2017, on: tax collection, visa denials, and other issues that are affecting U.S. civilian contractors in Iraq; the impact of such issues; and, if necessary, any plans to mitigate such issues.

TITLE XVI—STRATEGIC PROGRAMS, CYBER, AND INTELLIGENCE MATTERS

ITEMS OF SPECIAL INTEREST

MISSILE DEFENSE PROGRAMS

Plan to Assess the Acquisition of Missile Defense Targets

The committee is interested in assuring the most effective and efficient acquisition of ballistic missile target vehicles used for ballistic missile defense tests. The committee is particularly mindful that, as the pace of ballistic missile defense flight intercept testing increases, the Missile Defense Agency will require the timely and cost-effective delivery of additional ballistic missile targets.

Therefore, the committee directs the Director of the Missile Defense Agency to submit a report to the Committee on Armed Services of the House of Representatives, not later than January 15, 2018, that assesses the options for acquisition strategies that could lead to more affordable, threat-representative, and reliable targets.

CYBER-RELATED MATTERS

Cyber Training and Talent Management

The committee is aware of the efforts of the Reserve Components to develop cyber protection teams that can leverage the best attributes, authorities, and capabilities of both civilian and military cyber practitioners. The committee is aware that the Department of Defense is considering a concept for establishing Joint Reserve Cyber Centers as a way of bringing together this expertise into a critical mass of talent. The committee encourages the Department of Defense to examine how this concept might be used to help cyber forces evaluate and quickly integrate new technologies such as autonomy, machine learning, and big data analytics. The committee further encourages the Department to continue to improve the processes to give cyber personnel credit for other experience, certifications, or commercial training they may have received that meets the joint training standard.

The committee remains concerned, however, that the current training pipeline is a major bottleneck to fully manning and training cyber mission teams. The committee continues to believe that the Department of Defense should look at additional ways to diversify the training pipeline available to all cyber personnel to

help relieve that bottleneck, to include building public-private partnerships with academia, industry, and non-profit institutions. The committee recognizes the role the National Security Agency (NSA), through the National Centers of Academic Excellence in Cyber Defense (CAE-CD) education, has in the establishment and development of curriculum for cyber education. The committee recognizes the value these university relationships have had, and accordingly recommends an additional \$8.0 million to the NSA CAE-CD Program Office to support cyber defense education of reservists across all military services and the National Guard.

Finally, the committee believes it is imperative for the Department of Defense to have comprehensive visibility on the cyber talent available in both the Active and Reserve Components, as well as the civilian workforce. The committee is aware of the Department of the Army's talent management programs, including the Cyber Warrior Database (CWARD). CWARD is intended to capture relevant expertise, knowledge, skills, and abilities within the Army Cyber community in order to enable effective mission planning and human resource management. The committee supports this effort and encourages widespread adoption of common cyber talent management tools. The committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services by February 5, 2018, on cyber talent management tools in development and use across the Department of Defense.

INTELLIGENCE MATTERS

Defense Clandestine Service

The committee commends the Defense Intelligence Agency's work to improve the support the Defense Clandestine Service (DCS) provides to the Defense Intelligence Enterprise. The committee believes a human intelligence (HUMINT) capability within the Department of Defense directly supporting the integrated Department of Defense intelligence priorities directed in section 922 of the National Defense Authorization Act for Fiscal Year 2014 (Public Law 113-66) is preferable to an option that places the capability outside of the Department. The committee intends to continue to conduct oversight of the Department of Defense's HUMINT capability as DCS evolves, and believes consistent and improved career management of DCS officers will further enhance such capability. Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services and the House Permanent Select Committee on Intelligence not later than December 1, 2017, on the posture of the Defense Clandestine Service to address the integrated Department of Defense intelligence priorities. The briefing should also include the methodology the Department uses to assign officer locations to fulfill priority requirements, efforts to improve the career management of DCS officers and employees, and how the Department will continue to increase support for officers in the field, to include future information technology plans to address their needs.

Improving Analytic Automation

The committee continues to support efforts like the National Geospatial-Intelligence Agency (NGA) program called Expeditionary Large Data Object Repository for Analytics in Deployed Operations that gather, analyze, manage, and store large amounts of intelligence, surveillance, and reconnaissance (ISR) data from remote sources. Managing data by making information discoverable to analysts across the globe, while reducing storage and analytical access costs, are critical steps in Department of Defense efforts to leverage commercial best practices in big data analytics. NGA is at the forefront of such efforts, but the committee is concerned by the Department's slow pace in developing formal requirements for big data analytic capabilities.

For example, wide area motion imagery (WAMI) provides extremely valuable ISR data, but ground processing and integration of this data is currently very labor intensive. While WAMI collection capabilities continue to evolve with technology, much of the ground processing, automation, and alert functions have fallen behind. The Department continues to struggle to provide data analysis and machine learning capabilities that have been available in the commercial sector for several years that can process ISR data like WAMI. The committee recognizes the significant challenges the Department has in addressing combatant commanders' ISR requirements, but new collection capabilities will produce ever larger volumes of data. The Department's processing, exploitation and dissemination (PED) shortfalls cannot be addressed without integrating commercial data processing and access techniques, and automating as much of the PED workflow as possible.

Therefore, the committee directs the Under Secretary of Defense for Intelligence, in concert with the Secretary of the Army, Secretary of the Air Force, Secretary of the Navy, and Director of National Intelligence, to provide a briefing to the House Committee on Armed Services and the House Permanent Select Committee on Intelligence by December 1, 2017, on efforts that allow for rapid adoption of data storage, access, and automated processing and machine learning technologies and techniques.

Intelligence Simulation Center

The committee supports the Defense Intelligence Agency's efforts to develop an Intelligence Simulation Center. The center will fulfill a critical intelligence community-wide need for a collaborative venue for classified presentations within the National Capital Region to support intelligence planning, evaluation of Department of Defense and intelligence community requirements, senior leader seminars, modeling and simulations, and other high-level intelligence and operational events. The co-location of the center with the National Intelligence University will enhance Defense Intelligence Enterprise capabilities, and the committee believes the other defense intelligence agencies must be integrated into the center to maximize the potential benefits. The committee directs the Under Secretary of Defense for Intelligence to develop a plan to integrate the other defense

intelligence agencies into the Intelligence Simulation Center, and to provide a briefing to the House Committee on Armed Services and the House Permanent Select Committee on Intelligence not later than February 1, 2018, on the plan. The briefing should include plans to integrate sources of intelligence, analytic capabilities, and any agency-specific capabilities available to the intelligence community and combatant commanders.

Intelligence, Surveillance, and Reconnaissance Capability Imbalance

The committee is concerned about the Department of Defense's intelligence, surveillance, and reconnaissance (ISR) capability mix. Over the past 15 years, the Department has rightfully focused its capability development on supporting counterterrorism efforts in the Middle East, but emerging intelligence challenges will require a renewed focus on traditional military intelligence collection capabilities. Understanding advanced foreign military capability development activities, developing operational understanding of integrated air defense networks, maintaining robust order of battle information for potential nuclear and conventional adversaries, and collection on traditional military activities undertaken by foreign nations will require different collection capabilities than are required to support counterterrorism operations. The committee also notes that combatant commanders with the most capable potential adversaries receive a disproportionately small allocation of collection assets when compared to the stated priorities of the Department. The committee directs the Chairman of the Joint Chiefs of Staff to provide a briefing to the House Committee on Armed Services and House Permanent Select Committee on Intelligence, by February 1, 2018 on efforts to develop capabilities to collect ISR on foreign military activities, and the ISR prioritization process.

Joint Intelligence, Surveillance, and Reconnaissance Management

The committee recognizes the importance of Department of Defense intelligence, surveillance, and reconnaissance (ISR) capabilities as vital enablers of U.S. military power. The committee also recognizes that demand for ISR capabilities continue to vastly outpace supply despite significant investments over the past decade. In this context, the committee views the effective and efficient management of joint force ISR capabilities as an essential element of a national military strategy capable of addressing transregional, multi-functional, and multi-domain security challenges across the spectrum of conflict. The committee also considers investments made in developing, fielding, and leveraging fifth-generation aircraft advanced sensors to be of immense value to joint force employment and the intelligence enterprise.

The committee notes that the collection, analysis, and dissemination of moving target indicator (MTI) ISR information obtained through airborne active radar capability remains a high-priority ISR requirement by many geographic

combatant commanders, and is woefully under-resourced by the Secretary of the Air Force. Recent evolutions in the security environment resulting from counterterrorism, counterinsurgency, contingency ground-maneuver force, and steady-state operations have brought renewed emphasis on the need for MTI ISR information as a critical source of indicator, warning, and targeting information. Additionally, the committee remains concerned that the Department of Defense is highly constrained by the lack of an integrated, interoperable joint framework for the tasking, collection, processing, exploitation, and dissemination (TCPED) of MTI information across the Department's intelligence analysis enterprise.

Finally, the committee supports the decision to realign joint force ISR management functions from U.S. Strategic Command to a Chairman of the Joint Chiefs of Staff (CJCS) controlled activity under the Joint Staff, but is concerned that the speed and scope of this transition has been insufficient to facilitate effective coordination between the military services, combatant commands, combat support agencies, and key allies and partners in implementing the CJCS vision of a single, integrated joint force ISR enterprise.

The committee therefore directs the Secretary of Defense, in coordination with the Chairman of the Joint Chiefs of Staff, to provide a briefing to the House Committee on Armed Services and the House Permanent Select Committee on Intelligence not later than December 1, 2017, on the following areas of joint force ISR management:

- (1) an assessment of joint force ISR effectiveness by region;
- (2) a summary of ISR global force management sourcing trends by region and force category;
- (3) a summary of progress, shortfalls, and challenges in establishing an integrated and interoperable joint force TCPED enterprise;
- (4) a summary of joint force development initiatives that should include new joint concepts and doctrine for ISR employment, as well as development of automated tools and processes to manage the joint ISR enterprise more effectively and efficiently; and
- (5) An explanation of the CJCS policy that governs how combatant commanders should define and assign different levels of priority to ISR capability requirements to inform the CJCS global force management process that allocates ISR capabilities and force structure to combatant commanders.

Further, the committee directs the Chairman of the Joint Chiefs of Staff to submit a report to the congressional defense committees and congressional intelligence committees not later than March 1, 2018, that includes a Joint Force Sufficiency Assessment (JFSA) for ISR capability and capacity based on a stress test of current operationally fielded ISR assets and capabilities for all approved level three and level four warfighting plans. The JFSA for ISR should include a thorough explanation of underlying assumptions and an analysis of requirements and shortfalls of ISR platforms, sensors, multi-intelligence TCPED capabilities, and related command, control, and communications architectures. The JFSA should be unclassified, but may include a classified annex.

The committee also directs the Secretary of Defense to provide a report to the congressional defense committees and congressional intelligence committees not later than June 1, 2018, that includes a comprehensive strategy for the coordinated development and integration of ISR capabilities with key allies and partners as a means to enhance the capability, capacity, access, agility, and resilience of the joint ISR enterprise in support of U.S. national security objectives. The strategy should address foreign military sales of ISR platforms; integrated global force management processes; combined basing strategies; TCPED and information-sharing requirements; and integrated training and logistics support. The strategy also should address, at a minimum, relationships and information-sharing opportunities between the United Kingdom of Great Britain and Northern Ireland, Canada, the Commonwealth of Australia, New Zealand, Japan, the Republic of Korea, and the North Atlantic Treaty Organization.

In addition, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services and the House Permanent Select Committee on Intelligence by March 1, 2018, that describes the Department of Defense's strategy and implementation plan regarding the storage, recovery, management, processing, exploitation, and dissemination of ISR information collected by fifth-generation aircraft sensors. The committee expects the strategy to address data sharing and exchange with select allies and partners, as well as integration into the U.S. intelligence enterprise at large.

The committee also directs the Chairman of the Joint Chiefs of Staff, in coordination with the Secretary of Defense, to provide a briefing to the House Committee on Armed Services and the House Permanent Select Committee on Intelligence not later than March 1, 2018, that describes a strategy and implementation plan to establish common standards and management procedures among Department of Defense stakeholders to ensure joint, integrated TCPED of MTI information collected from Department of Defense aircraft. Elements of the strategy and implementation plan should include achieving commonality regarding joint TCPED training, analysis, and product standards; enterprise management procedures that capture best TCPED practices among MTI collection platforms, regardless of service or organization; Department plans to integrate into future programs and architectures the MTI and TCPED capabilities funded with Overseas Contingency Operations resources to meet various Operational Needs Statements/Joint Urgent Operational Needs Statements; and common information exchange and sharing policies, in accordance with applicable U.S. national disclosure policy and export controls, that enable and maximize cooperative MTI collection and TCPED activities among North Atlantic Treaty Organization allies and closest U.S. partners.

Finally, the committee, elsewhere in this title, includes a provision that would require continuation of a current Department of Defense plan to transition the roles, missions, and responsibilities of Joint Functional Component Command for Intelligence, Surveillance, and Reconnaissance from U.S. Strategic Command to the Chairman of the Joint Chiefs of Staff (CJCS) as a CJCS controlled activity, and

designate the Department of the Air Force as the controlled activity's funding sponsor, not later than 30 days after the date of the enactment of this Act.

Report on National Intelligence Program and Military Intelligence Program Integration Against Hard Targets

The committee believes that the intelligence community is underinvested in capabilities to understand the military capabilities of hard target countries. Over the last 15 years, the community has rightfully invested heavily in counterterrorism capabilities, and has accepted risk in understanding the emerging military capabilities of peer and near-peer countries. Department of Defense leadership has recently identified to the committee several emerging foreign military developments that provide particularly grave challenges. While the committee supports the efforts to identify emerging threats and provide options for countermeasures, it remains concerned about the need for further coordination between the National Intelligence Program and the Military Intelligence Program to develop capabilities and programs to understand hard targets. Therefore, the committee directs the Secretary of Defense and the Director of National Intelligence to provide a briefing to the House Committee on Armed Services and the House Permanent Select Committee on Intelligence not later than November 1, 2017, on the integration of programs funded by the National Intelligence Program and programs funded by the Military Intelligence program to address hard targets.

Review by Comptroller General of the United States of the General Defense Intelligence Program

The committee is concerned about the ability of the Defense Intelligence Enterprise to effectively prioritize and allocate resources to address the strategic intelligence requirements of the Department of Defense and the military departments. The committee directs the Comptroller General of the United States to review the prioritization processes of the General Defense Intelligence Program (GDIP) managed by the Defense Intelligence Agency (DIA) and provide a briefing to the House Committee on Armed Services and the House Permanent Select Committee on Intelligence not later than February 1, 2018. The briefing shall:

- (1) identify the processes and procedures for prioritizing resource allocations across the Defense Intelligence Enterprise, including with respect to the needs of the military departments;
- (2) identify the process and methodology used by the Director of DIA to balance the internal priorities of DIA with the needs of the Defense Intelligence Enterprise; and
- (3) identify methods of recourse available to the military departments to resolve prioritization disputes with DIA.

Secure Compartmented Information Facility Standardization

The committee is concerned by the duplication effort imposed by the Department of Defense and the intelligence community on the cleared contractor community to certify and operate Secure Compartmented Information Facilities (SCIFs). The committee notes that all SCIFs are constructed and accredited to the same Intelligence Community Directive standards, and believes the current practice of requiring co-utilization agreements on a contract-by-contract, facility-by-facility basis is unnecessarily costly, without providing additional security benefits. Therefore, the committee directs the Under Secretary of Defense for Intelligence and the Director of National Intelligence to review current policy not later than June 1, 2018. The committee further directs the Under Secretary and the Director to make recommendations, as part of the review, to maximize the co-utilization of SCIFs to support Department of Defense and intelligence community work within cleared contractor facilities. The review should include potential consolidation or elimination of the duplicative requirements for industry to certify a SCIF with multiple agencies. In the event a specific agency has additional requirements beyond those identified in the applicable Intelligence Community Directive or Department of Defense policy, the Under Secretary and Director should make recommendations for addressing those requirements at the enterprise level. Finally, the committee directs the Under Secretary of Defense for Intelligence and the Director of National Intelligence to provide a briefing to the House Committee on Armed Services and House Permanent Select Committee on Intelligence on the results of the review, not later than 30 days after completion.

Strengthening Intelligence Input to Milestone Decisions

The committee is concerned about the Defense Intelligence Enterprise's ability to provide accurate and timely information to the acquisition community to make decisions about capability development. Intelligence inputs are required for each acquisition milestone and throughout each program's life cycle, but often do not play a significant role in acquisition decisions. Threat assessments are often developed out of cycle with program timelines, creating data latency issues, and the quality of intelligence data varies greatly across the Department of Defense. The committee is aware of at least one case in which a capability development requirement was fundamentally incorrect because the program office did not have access to highly classified threat information. This uncertainty about the timeliness and accuracy of threat information creates requirements instability, which in turn drives up acquisition costs. Even after systems are fully developed and fielded, many systems require regular intelligence mission data support, such as electronic warfare database updates and measurement and signatures intelligence support.

The committee supports the Department's initial efforts to plan for and prioritize intelligence mission data support and encourages continued refinement of intelligence mission data support processes. The committee directs the Under Secretary of Defense for Intelligence, the Under Secretary of Defense for Research and Engineering, the Under Secretary of Defense for Acquisition and Sustainment,

and the Director of the Defense Intelligence Agency to provide a briefing to the House Committee on Armed Services and the House Permanent Select Committee on Intelligence not later than March 1, 2018, on proposals to ensure that intelligence support to acquisition is relevant and provides value to the acquisition community. The briefing should also include proposals to ensure adequate access to compartmented information that may contain key judgments that would change a program's understanding of a threat.

Underground Facility Targeting Capabilities

The committee is aware of gaps in the intelligence community's capability to identify, characterize, and target foreign underground facilities that force combatant commanders to accept unacceptable risk in specific mission areas. The committee is also aware of Department of Defense plans to develop an automated analytic capability, but believes additional underground facility analytic expertise is necessary to provide adequate support to operational planning requirements. The committee directs the Secretary of Defense and the Director of National Intelligence to provide a briefing to the House Committee on Armed Services and House Permanent Select Committee on Intelligence not later than November 1, 2017, on intelligence community capabilities to characterize and target adversary underground facilities. The briefing should include an assessment of the capacity and efficacy of National Intelligence Program and Military Intelligence Program resources currently supporting combatant commander underground facility target requirements, and an assessment of the analytic workforce required to address those requirements that cannot be addressed within the current resource framework. The committee believes this capacity gap is not limited to the Underground Facility Analysis Center at the Defense Intelligence Agency, and expects the capabilities and resources of the other combat support agencies to be reflected in the briefing.

ADDENDUM: SUMMARY TABLES

* NOTE: THE SUMMARY TABLES ARE INFORMATIONAL ONLY AND WILL
BE INCLUDED AS PART OF THE COMMITTEE REPORT.

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2018

(In Thousands of Dollars)

	FY 2018 Request	House Change	House Authorized
DISCRETIONARY AUTHORIZATIONS WITHIN THE JURISDICTION OF THE ARMED SERVICES COMMITTEE			
National Defense Funding, Base Budget Request			
Function 051, Department of Defense-Military			
Division A: Department of Defense Authorizations			
Title I—Procurement			
Aircraft Procurement, Army	4,149,894	1,443,667	5,593,561
Missile Procurement, Army	2,519,054	564,247	3,083,301
Weapons & Tracked Combat Vehicles, Army	2,423,608	2,535,039	4,958,647
Procurement of Ammunition, Army	1,879,283	355,964	2,235,247
Other Procurement, Army	6,469,331	1,993,891	8,463,222
Joint Improvised-Threat Defeat Fund	14,442		14,442
Aircraft Procurement, Navy	15,056,235	3,358,550	18,414,785
Weapons Procurement, Navy	3,420,107	74,200	3,494,307
Procurement of Ammunition, Navy & Marine Corps	792,345		792,345
Shipbuilding & Conversion, Navy	19,903,682	-680,300	19,223,382
Other Procurement, Navy	8,277,789	445,986	8,723,775
Procurement, Marine Corps	2,064,825	8,879	2,073,704
Aircraft Procurement, Air Force	15,430,849	2,901,162	18,332,011
Missile Procurement, Air Force	2,296,182	17,000	2,313,182
Space Procurement, Air Force	3,370,775	176,350	3,547,125
Procurement of Ammunition, Air Force	1,376,602		1,376,602
Other Procurement, Air Force	19,603,497	314,648	19,918,145
Procurement, Defense-Wide	4,835,418	457,100	5,292,518
Joint Urgent Operational Needs Fund	99,795	-99,795	0
Subtotal, Title I—Procurement	113,983,713	13,866,588	127,850,301
Title II—Research, Development, Test and Evaluation			
Research, Development, Test & Evaluation, Army	9,425,440	223,940	9,649,380
Research, Development, Test & Evaluation, Navy	17,675,035	293,200	17,968,235
Research, Development, Test & Evaluation, Air Force	34,914,359	269,755	35,184,114
Research, Development, Test & Evaluation, Defense-Wide	20,490,902	494,326	20,985,228
Operational Test & Evaluation, Defense	210,900		210,900
Subtotal, Title II—Research, Development, Test and Evaluation	82,716,636	1,281,221	83,997,857
Title III—Operation and Maintenance			
Operation & Maintenance, Army	38,945,417	1,503,172	40,448,589
Operation & Maintenance, Army Reserve	2,906,842	1,282	2,908,124
Operation & Maintenance, Army National Guard	7,307,170	72,410	7,379,580
Operation & Maintenance, Navy	45,439,407	5,311	45,444,718
Operation & Maintenance, Marine Corps	6,933,408	100	6,933,508
Operation & Maintenance, Navy Reserve	1,084,007	-9,800	1,074,207
Operation & Maintenance, Marine Corps Reserve	278,837	-300	278,537
Operation & Maintenance, Air Force	39,429,232	1,100,459	40,529,691
Operation & Maintenance, Air Force Reserve	3,267,507	-4,100	3,263,407
Operation & Maintenance, Air National Guard	6,939,968	164,300	7,104,268

June 23, 2017 (10:16 p.m.)

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2018—Continued

(In Thousands of Dollars)

	FY 2018 Request	House Change	House Authorized
Operation & Maintenance, Defense-Wide	34,585,817	201,759	34,787,576
US Court of Appeals for the Armed Forces, Defense	14,538		14,538
Overseas Humanitarian, Disaster and Civic Aid	104,900		104,900
Cooperative Threat Reduction	324,600		324,600
Environmental Restoration, Army	215,809		215,809
Environmental Restoration, Navy	281,415	30,000	311,415
Environmental Restoration, Air Force	293,749	30,000	323,749
Environmental Restoration, Defense	9,002		9,002
Environmental Restoration, Formerly Used Sites	208,673		208,673
Subtotal, Title III—Operation and Maintenance	188,570,298	3,094,593	191,664,891
Title IV—Military Personnel			
Military Personnel Appropriations	133,881,636	182,389	134,064,025
Medicare-Eligible Retiree Health Fund Contributions	7,804,427		7,804,427
Subtotal, Title IV—Military Personnel	141,686,063	182,389	141,868,452
Title XIV—Other Authorizations			
Working Capital Fund, Army	83,776	50,111	133,887
Working Capital Fund, Air Force	66,462		66,462
Working Capital Fund, DECA	1,389,340		1,389,340
Working Capital Fund, Defense-Wide	47,018		47,018
National Defense Sealift Fund	509,327	7,000	516,327
Chemical Agents & Munitions Destruction	961,732		961,732
Drug Interdiction and Counter Drug Activities	790,814	21,000	811,814
Office of the Inspector General	336,887		336,887
Defense Health Program	33,664,466	-134,600	33,529,866
Subtotal, Title XIV—Other Authorizations	37,849,822	-56,489	37,793,333
Total, Division A: Department of Defense Authorizations	564,806,532	18,368,302	583,174,834
Division B: Military Construction Authorizations			
Military Construction			
Army	920,394	37,400	957,794
Navy	1,616,665	58,320	1,674,985
Air Force	1,738,796	-128,022	1,610,774
Defense-Wide	3,114,913	-351,081	2,763,832
NATO Security Investment Program	154,000	-1,068	152,932
Army National Guard	210,652	56,000	266,652
Army Reserve	73,712	56,000	129,712
Navy and Marine Corps Reserve	65,271		65,271
Air National Guard	161,491	41,900	203,391
Air Force Reserve	63,535	44,100	107,635
Unaccompanied Housing Improvement Fund	623		623
Subtotal, Military Construction	8,120,052	-186,451	7,933,601
Family Housing			
Construction, Army	182,662	-18,000	164,662
Operation & Maintenance, Army	346,625		346,625
Construction, Navy and Marine Corps	83,682	-8,000	75,682

June 23, 2017 (10:16 p.m.)

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2018—Continued

(In Thousands of Dollars)

	FY 2018 Request	House Change	House Authorized
Operation & Maintenance, Navy and Marine Corps	328,282		328,282
Construction, Air Force	85,062	-20,000	65,062
Operation & Maintenance, Air Force	318,324		318,324
Operation & Maintenance, Defense-Wide	59,169		59,169
Improvement Fund	2,726		2,726
Subtotal, Family Housing	1,406,532	-46,000	1,360,532
Base Realignment and Closure			
Base Realignment and Closure—Army	58,000		58,000
Base Realignment and Closure—Navy	143,644	35,000	178,644
Base Realignment and Closure—Air Force	54,223		54,223
Subtotal, Base Realignment and Closure	255,867	35,000	290,867
Total, Division B: Military Construction Authorizations ...	9,782,451	-197,451	9,585,000
Total, 051, Department of Defense-Military	574,588,983	18,170,851	592,759,834
Division C: Department of Energy National Security Authorization and Other Authorizations			
Function 053, Atomic Energy Defense Activities			
Environmental and Other Defense Activities			
Nuclear Energy	133,000		133,000
Weapons Activities	10,239,344	184,200	10,423,544
Defense Nuclear Nonproliferation	1,793,310	80,000	1,873,310
Naval Reactors	1,479,751		1,479,751
Federal Salaries and Expenses	418,595	-11,000	407,595
Defense Environmental Cleanup	5,537,186	70,000	5,607,186
Other Defense Activities	815,512	3,000	818,512
Defense Nuclear Waste Disposal	30,000		30,000
Subtotal, Environmental and Other Defense Activities	20,446,698	326,200	20,772,898
Independent Federal Agency Authorization			
Defense Nuclear Facilities Safety Board	30,600		30,600
Subtotal, Independent Federal Agency Authorization	30,600	0	30,600
Subtotal, 053, Atomic Energy Defense Activities	20,477,298	326,200	20,803,498
Function 054, Defense-Related Activities			
Other Agency Authorizations			
Maritime Security Program	210,000		210,000
Subtotal, Independent Federal Agency Authorization	210,000	0	210,000
Subtotal, 054, Defense-Related Activities	210,000	0	210,000
Subtotal, Division C: Department of Energy National Security Authorization and Other Authorizations	20,687,298	326,200	21,013,498
Total, National Defense Funding, Base Budget Request	595,276,281	18,497,051	613,773,332

June 23, 2017 (10:16 p.m.)

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2018—Continued

(In Thousands of Dollars)

	FY 2018 Request	House Change	House Authorized
National Defense Funding, Overseas Contingency Operations			
National Defense Funding, Overseas Contingency Operations Funding for Base Requirements			
Function 051, Department of Defense-Military			
Procurement			
Shipbuilding & Conversion, Navy		6,046,800	6,046,800
Subtotal, Procurement	0	6,046,800	6,046,800
Research, Development, Test and Evaluation			
Research, Development, Test & Evaluation, Army		85,866	85,866
Research, Development, Test & Evaluation, Navy		38,500	38,500
Research, Development, Test & Evaluation, Air Force		190,750	190,750
Research, Development, Test & Evaluation, Defense-Wide		463,500	463,500
Subtotal, Research, Development, Test and Evaluation ..	0	778,616	778,616
Operation and Maintenance			
Operation & Maintenance, Army		629,047	629,047
Operation & Maintenance, Army Reserve		82,619	82,619
Operation & Maintenance, Army National Guard		173,900	173,900
Operation & Maintenance, Navy		414,200	414,200
Operation & Maintenance, Marine Corps		217,487	217,487
Operation & Maintenance, Navy Reserve		11,500	11,500
Operation & Maintenance, Marine Corps Reserve		7,246	7,246
Operation & Maintenance, Air Force		507,700	507,700
Operation & Maintenance, Air Force Reserve		15,300	15,300
Operation & Maintenance, Air National Guard		47,600	47,600
Subtotal, Operation and Maintenance	0	2,106,599	2,106,599
Military Personnel			
Military Personnel Appropriations		1,017,700	1,017,700
Medicare-Eligible Retiree Health Fund Contributions		44,140	44,140
Subtotal, Military Personnel	0	1,061,840	1,061,840
Subtotal, 051, Department of Defense-Military	0	9,993,855	9,993,855
Total, National Defense Funding, Overseas Contingency Operations Funding for Base Requirements	0	9,993,855	9,993,855

National Defense Funding, Overseas Contingency Operations Budget Request

Function 051, Department of Defense-Military

Procurement			
Aircraft Procurement, Army	424,686	110,234	534,920
Missile Procurement, Army	559,283	845,181	1,404,464
Weapons & Tracked Combat Vehicles, Army	1,191,139	-1,014,139	177,000
Procurement of Ammunition, Army	193,436	552,320	745,756

June 23, 2017 (10:16 p.m.)

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2018—Continued

(In Thousands of Dollars)

	FY 2018 Request	House Change	House Authorized
Other Procurement, Army	405,575	172,378	577,953
Joint Improvised-Threat Defeat Fund	483,058		483,058
Aircraft Procurement, Navy	157,300	16,000	173,300
Weapons Procurement, Navy	152,373	12,000	164,373
Procurement of Ammunition, Navy & Marine Corps	225,587	42,500	268,087
Other Procurement, Navy	220,059	-58,586	161,473
Procurement, Marine Corps	65,274	149,129	214,403
Aircraft Procurement, Air Force	740,778	14,183	754,961
Missile Procurement, Air Force	395,400		395,400
Space Procurement, Air Force	2,256		2,256
Procurement of Ammunition, Air Force	501,509		501,509
Other Procurement, Air Force	4,008,887	262,549	4,271,436
Procurement, Defense-Wide	518,026	67,525	585,551
National Guard & Reserve Equipment	0	500,000	500,000
Subtotal, Procurement	10,244,626	1,671,274	11,915,900
Research, Development, Test and Evaluation			
Research, Development, Test & Evaluation, Army	119,368	183,239	302,607
Research, Development, Test & Evaluation, Navy	130,365	-11,600	118,765
Research, Development, Test & Evaluation, Air Force	135,358	14,000	149,358
Research, Development, Test & Evaluation, Defense-Wide	226,096	509,646	735,742
Subtotal, Research, Development, Test and Evaluation ..	611,187	695,285	1,306,472
Operation and Maintenance			
Operation & Maintenance, Army	16,126,403	-1,427,940	14,698,463
Operation & Maintenance, Army Reserve	24,699	33,279	57,978
Operation & Maintenance, Army National Guard	108,111		108,111
Afghanistan Security Forces Fund	4,937,515		4,937,515
Counter-ISIS Train & Equip Fund	1,769,000		1,769,000
Operation & Maintenance, Navy	5,875,015	39,489	5,914,504
Operation & Maintenance, Marine Corps	1,116,640	-164,733	951,907
Operation & Maintenance, Navy Reserve	23,980		23,980
Operation & Maintenance, Marine Corps Reserve	3,367		3,367
Operation & Maintenance, Air Force	10,266,295	-313,426	9,952,869
Operation & Maintenance, Air Force Reserve	58,523		58,523
Operation & Maintenance, Air National Guard	15,400		15,400
Operation & Maintenance, Defense-Wide	7,712,080	-424,519	7,287,561
Ukraine Security Assistance		150,000	150,000
Subtotal, Operation and Maintenance	48,037,028	-2,107,850	45,929,178
Military Personnel			
Military Personnel Appropriations	4,276,276	-214,289	4,061,987
Subtotal, Military Personnel	4,276,276	-214,289	4,061,987
Other Authorizations			
Working Capital Fund, Army	50,111	-50,111	0
Working Capital Fund, Defense-Wide	98,845		98,845
Drug Interdiction and Counter Drug Activities	196,300		196,300
Office of the Inspector General	24,692		24,692
Defense Health Program	395,805		395,805

June 23, 2017 (10:16 p.m.)

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2018—Continued

(In Thousands of Dollars)

	FY 2018 Request	House Change	House Authorized
Subtotal, Other Authorizations	765,753	-50,111	715,642
Military Construction			
Army	139,700	6,400	146,100
Navy	18,500	13,390	31,890
Air Force	478,030	-43,378	434,652
Defense-Wide	1,900	22,400	24,300
Subtotal, Military Construction	638,130	-1,188	636,942
Total, Overseas Contingency Operations Budget Request	64,573,000	-6,879	64,566,121
Total, National Defense Funding, Overseas Contingency Operations	64,573,000	9,986,976	74,559,976
Subtotal, 051, Department of Defense-Military	64,573,000	9,986,976	74,559,976
Total, National Defense Funding, Overseas Contingency Operations	64,573,000	9,986,976	74,559,976
Total, National Defense	659,849,281	28,484,027	688,333,308
MEMORANDUM: NON-DEFENSE AUTHORIZATIONS			
Title XIV—Armed Forces Retirement Home (Function 600)	64,300		64,300
Title XXXIV—Naval Petroleum and Oil Shale Reserves (Function 270)	4,900		4,900
MEMORANDUM: TRANSFER AUTHORITIES (NON-ADD)			
Title X—General Transfer Authority	[5,000,000]		[5,000,000]
Title XV—Special Transfer Authority	[4,500,000]	[-2,000,000]	[2,500,000]
MEMORANDUM: DEFENSE AUTHORIZATIONS NOT UNDER THE JURISDICTION OF THE ARMED SERVICES COMMITTEE (NON-ADD)			
Defense Production Act	[37,401]		[37,401]

NATIONAL DEFENSE BUDGET AUTHORITY IMPLICATION

(In Thousands of Dollars)

	FY 2018 Request	House Change	House Authorized
Summary, Discretionary Authorizations Within the Jurisdiction of the Armed Services Committee			
SUBTOTAL, DEPARTMENT OF DEFENSE (051)	574,588,983	18,170,851	592,759,834
SUBTOTAL, ATOMIC ENERGY DEFENSE PROGRAMS (053)	20,477,298	326,200	20,803,498
SUBTOTAL, DEFENSE-RELATED ACTIVITIES (054)	210,000		210,000
TOTAL, NATIONAL DEFENSE (050)—BASE BILL	595,276,281	18,497,051	613,773,332
TOTAL, OVERSEAS CONTINGENCY OPERATIONS	64,573,000	9,986,976	74,559,976
GRAND TOTAL, NATIONAL DEFENSE	659,849,281	28,484,027	688,333,308
Base National Defense Discretionary Programs that are Not In the Jurisdiction of the Armed Services Committee or Do Not Require Additional Authorization (CBO Estimates)			
Defense Production Act Purchases	37,000		37,000
Indefinite Account: Disposal Of DOD Real Property	8,000		8,000
Indefinite Account: Lease Of DOD Real Property	38,000		38,000
Subtotal, Budget Sub-Function 051	83,000		83,000
Formerly Utilized Sites Remedial Action Program	118,000		118,000
Subtotal, Budget Sub-Function 053	118,000		118,000
Other Discretionary Programs	7,645,000		7,645,000
Subtotal, Budget Sub-Function 054	7,645,000		7,645,000
Total Defense Discretionary Adjustments (050)	7,846,000		7,846,000
Budget Authority Implication, National Defense Discretionary			
Department of Defense—Military (051)	639,244,983	28,157,827	667,402,810
Atomic Energy Defense Activities (053)	20,595,298	326,200	20,921,498
Defense-Related Activities (054)	7,855,000		7,855,000
Total BA Implication, National Defense Discretionary	667,695,281	28,484,027	696,179,308
National Defense Mandatory Programs, Current Law (CBO Baseline)			
Concurrent receipt accrual payments to the Military Retirement Fund	7,496,000		7,496,000
Revolving, trust and other DOD Mandatory	1,333,000		1,333,000
Offsetting receipts	-1,889,000		-1,889,000
Subtotal, Budget Sub-Function 051	6,940,000		6,940,000
Energy employees occupational illness compensation programs and other	1,273,000		1,273,000
Subtotal, Budget Sub-Function 053	1,273,000		1,273,000
Radiation exposure compensation trust fund	59,000		59,000
Payment to CIA retirement fund and other	514,000		514,000
Subtotal, Budget Sub-Function 054	573,000		573,000
BCA Mandatory Sequestration—Undistributed Plug	-691,000		-691,000
Total National Defense Mandatory (050)	8,095,000		8,095,000
Budget Authority Implication, National Defense Discretionary and Mandatory			
Department of Defense—Military (051)	646,184,983	28,157,827	674,342,810
Atomic Energy Defense Activities (053)	21,868,298	326,200	22,194,498
Defense-Related Activities (054)	8,428,000		8,428,000
Undistributed (050)	-691,000		-691,000

June 23, 2017 (10:16 p.m.)

NATIONAL DEFENSE BUDGET AUTHORITY IMPLICATION—Continued
(In Thousands of Dollars)

	FY 2018 Request	House Change	House Authorized
Total BA Implication, National Defense Discretionary and Mandatory	675,790,281	28,484,027	704,274,308