

115TH CONGRESS }
1st Session

HOUSE OF REPRESENTATIVES

{ REPORT
115-219

DEPARTMENT OF DEFENSE
APPROPRIATIONS BILL, 2018

R E P O R T

OF THE

COMMITTEE ON APPROPRIATIONS

together with

ADDITIONAL VIEWS

[TO ACCOMPANY H.R. 3219]



JULY 13, 2017.—Committed to the Committee of the Whole House on
the State of the Union and ordered to be printed

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CONTENTS

	Page
Bill Totals	1
Committee Budget Review Process	3
Introduction	3
National Defense Restoration Fund	4
Definition of Program, Project, and Activity	5
Reprogramming Guidance	5
Funding Increases	6
Congressional Special Interest Items	6
Classified Annex	6
Committee Recommendations by Major Category	6
Active, Reserve, and National Guard Military Personnel	6
Operation and Maintenance	6
Procurement	7
Research, Development, Test and Evaluation	8
Defense Health Program	8
Overseas Contingency Operations/Global War on Terrorism Requirements	8
Budget Juitification Material	9
Service Unfunded Requirements List	9
Cyberspace Activities	9
Quarterly Cyber Operations Briefing	12
Persistent Cyber Training Environment	12
Big Data Analytics Strategy	12
TITLE I. MILITARY PERSONNEL	13
Military Personnel Overview	15
Summary of End Strength	15
Overall Active End Strength	15
Overall Selected Reserve End Strength	15
Reprogramming Guidance for Military Personnel Accounts	17
Military Personnel Special Interest Items	17
Sexual Assault Prevention and Response	17
Minority Outreach and Officer Accessions	17
Cultural Sensitivity Training	18
Trauma Training Program	18
Army National Guard and Army Reserve Cyber Protection Teams	18
Reserve Components Full-Time Support	18
Military Personnel, Army	19
Military Personnel, Navy	23
Military Personnel, Marine Corps	27
Military Personnel, Air Force	31
Cyber Air Force Specialty Code	35
Reserve Personnel, Army	35
Reserve Personnel, Navy	38
Reserve Personnel, Marine Corps	41
Reserve Personnel, Air Force	44

IV

	Page
National Guard Personnel, Army	47
National Guard Personnel, Air Force	50
TITLE II. OPERATION AND MAINTENANCE	53
Reprogramming Guidance for Operation and Maintenance Accounts	55
Special Operations Command Budget Execution	56
Operation and Maintenance Special Interest Items	56
Innovative Readiness Training Program	57
Online Education	57
Base Supply Centers	57
Defense Language Institute	57
National Security Education Program	58
Maintenance of Real Property	58
Tuition Assistance and Military Spouse Career Advancement	58
Cyberspace Operations	58
Joint Regional Security Stacks	59
Energy Security of Overseas Military Installations	59
Operation and Maintenance, Army	60
Operation and Maintenance, Navy	65
Aircraft Depot Maintenance	72
Public Shipyards	72
Facilities Sustainment, Restoration and Modernization	72
Operation and Maintenance, Marine Corps	72
Operation and Maintenance, Air Force	76
Air Education and Training Command	82
Combined Air Operations Center	82
Advanced Tactical Air Training	82
Remotely Piloted Aircraft	82
Operation and Maintenance, Defense-Wide	82
Energy Efficiency Projects	88
Defense Contracting Management Agency	88
Digital Workspace Technologies	88
Defense Logistics Agency	88
Defense Logistics Agency	88
Defense POW/MIA Accounting Agency	89
Meals Ready-To-Eat War Reserve	89
Youth Serving Organizations	89
Operation and Maintenance, Army Reserve	89
Operation and Maintenance, Navy Reserve	92
Operation and Maintenance, Marine Corps Reserve	95
Operation and Maintenance, Air Force Reserve	98
Operation and Maintenance, Army National Guard	101
Operation and Maintenance, Air National Guard	104
United States Court of Appeals for the Armed Forces	107
Environmental Restoration, Army	107
Environmental Restoration, Navy	107
Vieques and Culebra Environmental Restoration	107
Environmental Restoration, Air Force	107
Granular Activated Carbon	107
Environmental Restoration, Defense-Wide	108
Environmental Restoration, Formerly Used Defense Sites	108
Overseas Humanitarian, Disaster, and Civic Aid	108
Cooperative Threat Reduction Account	108
Operation and Maintenance, National Defense Restoration Fund	109
TITLE III. PROCUREMENT	111
Reprogramming Guidance for Acquisition Accounts	113

	Page
Funding Increases	113
Procurement Special Interest Items	113
Joint Strike Fighter Economic Order Quantity Procurement	113
Cyber Defense Procurement	113
Support For Industrial Base Diversity	114
Aircraft Procurement, Army	114
UH-60 Black Hawk	118
Missile Procurement, Army	118
Procurement of Weapons and Tracked Combat Vehicles, Army	122
Procurement of Ammunition, Army	126
Other Procurement, Army	130
Land Mobile Radio Network in Europe	141
Soldier Borne Sensor	141
Aircraft Procurement, Navy	141
Navy Reserve Combat Aircraft	148
V-22 Osprey Multiyear Procurement	148
MH-60R Aircraft	148
Weapons Procurement, Navy	149
Procurement of Ammunition, Navy and Marine Corps	154
Shipbuilding and Conversion, Navy	158
Virginia Class Submarine Advance Procurement	162
Icebreakers	162
DDG-51 Destroyer	162
Other Procurement, Navy	162
Crew-Served Weapon Stations	175
Procurement, Marine Corps	175
Aircraft Procurement, Air Force	181
A-10 Wing Replacement	188
F-15 Infrared Search and Track	188
F-15C and Air Force Fighter Mix	188
Special Airlift Mission	188
Missile Procurement, Air Force	189
Space Procurement, Air Force	192
Global Positioning System III	195
Space-Based Infrared System	195
Procurement of Ammunition, Air Force	195
Other Procurement, Air Force	198
Procurement, Defense-Wide	203
Secure Supply Chain for Beryllium	208
Defense Production Act	208
Procurement, National Defense Restoration Fund	208
TITLE IV. RESEARCH, DEVELOPMENT, TEST AND EVALUATION	209
Reprogramming Guidance for Acquisition Accounts	211
Funding Increases	211
Research, Development, Test and Evaluation Special Interest Items	211
Lightweight, Long-Dwell Unmanned Aerial Systems	211
Cost of Nuclear Modernization	212
Federally Funded Research and Development Centers	212
Advanced Lightweight Polymer Cased Small Arms Ammunitions	212
Research, Development, Test and Evaluation, Army	212
Army Lethality Improvements	224
Multi-Role Armament Systems	224
Multi-Role Munition Technologies	224
Peer-Reviewed Neurofibromatosis Research Program	224
Next Generation Munition Technologies	224

VI

	Page
Net Zero	225
Technology Advancement and Retention Center	225
Advanced Development of Asset Protection Technologies	225
Advanced Lightweight Transparent Armors with Multi-Functional Capability	225
Domestic Supply of High Performance Material for Soldier Protection	225
Improved Turbine Engine Program	226
Precision Gun Launched Projectiles	226
Army Research Laboratory Open Campus Initiative	226
Army Science and Technology Reinvention Laboratories	226
Burn Patient Transfer System	227
Next Generation Signature Management System	227
Common Fire Control System	227
Lethality Overmatch	227
Enhanced Propulsion for Gun Launched Munitions	228
Advanced Energetics	228
Enhanced Non-Destructive Testing Capacity	228
Human Simulation Research	228
Joint Multi-Role Program	228
Research, Development, Test and Evaluation, Navy	229
Surface Ship Torpedo Defense	244
Silicon Carbide Power Electronics	244
Autonomous Survey Ship	244
Advanced Combat Systems Technology	244
Energy Storage Research	245
Coastal Environmental Research	245
Expanded Hypoxia Research	245
Research, Development, Test and Evaluation, Air Force	245
Presidential Aircraft Replacement	258
Joint Surveillance Target Attack Radar System	258
Antenna Research	258
Materials for Extreme Environments	258
Aircraft Light Weighting Efforts	259
Development of Government-Owned Observation Assets	259
Refractory Metal Alloys	259
Air-To-Ground Tactical Weapon Systems	259
North Atlantic Treaty Organization Ally Launch Services	260
Laser Technology for Aircraft Sustainment	260
Research, Development, Test and Evaluation, Defense-Wide	260
Identity Threat Management	272
Reclaimed Refrigerants	272
Advanced Defense Technologies Clusters	272
Advanced Material Solutions for Defense Applications	272
Conventional Prompt Global Strike Weapon System	273
Operational Test and Evaluation, Defense	273
Research, Development, Test and Evaluation, National Defense Restoration Fund	273
TITLE V. REVOLVING AND MANAGEMENT FUNDS	275
Defense Working Capital Funds	275
National Defense Sealift Fund	275
TITLE VI. OTHER DEPARTMENT OF DEFENSE PROGRAMS	277
Defense Health Program	277
Reprogramming Guidance for the Defense Health Program	281
Carryover	281
Peer-Reviewed Cancer Research Programs	281

VII

	Page
Metastatic Cancer Research	282
Electronic Health Records	282
The Cancer Center at Walter Reed National Military Medical Center	283
Emerging Infectious Diseases	283
Combat Ocular Trauma	284
Expanded Canine Therapy Research	284
Opioid Abuse in the Military	284
Chronic Kidney Disease	285
Mental Health Providers	285
Military Medical Professionals and the Department of Veterans Affairs	285
Advanced Orthopedic Surgical Surgery	285
Impact of Gut Microbiome on Chronic Conditions	285
Non-Opiate Pain Management	286
Traumatic Brain Injury and Post-Traumatic Stress Disorder Pilot Program	286
Mild Traumatic Brain Injury	286
Medical Instrument Inspection	286
Messenger RNA	287
Post-Traumatic Stress Disorders Diagnoses	287
Peer-Reviewed Lupus Research	287
Technology Solutions for Psychological Health	287
Minority Serving Institutions	288
Military Healthcare Navigator	288
Highly Infectious Disease Treatment and Transport	288
Chemical Agents and Munitions Destruction, Defense	288
Drug Interdiction and Counter-Drug Activities, Defense	289
Joint Improvised-Threat Defeat Fund	289
Joint Urgent Operational Needs Fund	289
Office of the Inspector General	290
TITLE VII. RELATED AGENCIES	291
National and Military Intelligence Programs	291
Classified Annex	291
Central Intelligence Agency Retirement and Disability System Fund	291
Intelligence Community Management Account	291
Wildlife Trafficking	292
TITLE VIII. GENERAL PROVISIONS	293
TITLE IX. OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON	
TERRORISM	303
Committee Recommendation	303
Reporting Requirements	303
Intelligence, Surveillance, and Reconnaissance Fund	303
Military Personnel	303
Military Personnel, National Defense Restoration Fund	308
Operation and Maintenance	308
Counterterrorism Efforts to Build Partnership Capacity in the United	
States Southern Command Area of Responsibility	316
United States Support to Afghan National Defense Forces and Iraqi Secu-	
rity Forces	316
Operation and Maintenance, National Defense Restoration Fund	317
Afghanistan Security Forces Fund	317
Vetting of Foreign Security Forces	317
Counter-Islamic State of Iraq and the Levant Train and Equip Fund	317
Procurement	317
National Guard and Reserve Equipment	327
Procurement, National Defense Restoration Fund	327
Research, Development, Test and Evaluation	327

VIII

	Page
Research, Development, Test and Evaluation, National Defense Restoration Fund	331
Revolving and Management Funds	331
Defense Working Capital Funds	331
Other Department of Defense Programs	331
Defense Health Program	331
Drug Interdiction and Counter-Drug Activities, Defense	332
Joint Improvised-Threat Defeat Fund	332
Office of the Inspector General	332
General Provisions	332
TITLE X	335
Additional General Provisions	335
HOUSE OF REPRESENTATIVES REPORTING REQUIREMENTS	335
Statement of General Performance Goals and Objectives	335
Rescissions	335
Transfer of Funds	336
Earmark Disclosure Statement	338
Compliance with Rule XIII, Cl. 3(e) (Ramseyer Rule)	338
Changes in the Application of Existing Law	339
Appropriations Not Authorized By Law	339
Comparison with the Budget Resolution	352
Five-Year Outlay Projections	352
Financial Assistance to State and Local Governments	352
Program Duplication	352
Directed Rule Making	353
Full Committee Votes	354
Additional Views	376

DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2018

JULY 13, 2017.—Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

Ms. GRANGER, from the Committee on Appropriations,
submitted the following

R E P O R T

together with

ADDITIONAL VIEWS

[To accompany H.R. 3219]

The Committee on Appropriations submits the following report in explanation of the accompanying bill making appropriations for the Department of Defense, and for other purposes, for the fiscal year ending September 30, 2018.

BILL TOTALS

Appropriations for most military functions of the Department of Defense are provided for in the accompanying bill for fiscal year 2018. This bill does not provide appropriations for military construction, military family housing, civil defense, and military nuclear warheads, for which requirements are considered in connection with other appropriations Acts.

The President's fiscal year 2018 budget request for activities funded in the Department of Defense Appropriations Act totals \$630,391,276,000 in new budget obligational authority.

COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

RECAPITULATION					
Title I - Military Personnel.....	128,725,978	133,881,636	132,977,586	+4,251,608	-904,050
Title II - Operation and Maintenance.....	167,603,260	188,570,298	191,654,065	+24,050,805	+3,083,767
Title III - Procurement.....	108,426,827	113,906,877	132,501,445	+24,074,618	+18,594,568
Title IV - Research, Development, Test and Evaluation...	72,301,587	82,716,636	82,654,976	+10,353,389	-61,660
Title V - Revolving and Management Funds.....	1,511,613	2,095,923	1,586,596	+74,983	-509,327
Title VI - Other Department of Defense Programs.....	35,615,831	35,868,136	36,084,999	+469,168	+216,863
Title VII - Related Agencies.....	1,029,596	1,046,000	1,036,100	+6,504	-9,900
Title VIII - General Provisions (net).....	-5,583,692	128,900	-1,992,248	+3,591,444	-2,121,148
Title IX - Global War on Terrorism (GWOT).....	61,822,000	63,934,870	73,934,000	+12,112,000	+9,999,130
Title X - Additional Appropriations.....	14,752,267	---	---	-14,752,267	---

Total, Department of Defense.....	586,205,267	622,149,276	650,437,519	+64,232,252	+28,288,243
Other appropriations (PL 114-254).....	5,775,000	---	---	-5,775,000	---
Scorekeeping adjustments.....	6,998,000	8,191,000	8,191,000	+1,193,000	---

Total mandatory and discretionary.....	598,978,267	630,340,276	658,628,519	+59,650,252	+28,288,243
=====					

COMMITTEE BUDGET REVIEW PROCESS

During its review of the fiscal year 2018 budget request and execution of appropriations for fiscal year 2017, the Subcommittee on Defense held a total of six hearings and six formal briefings during the period of March 2017 to June 2017. Hearings were held in open session, except when the security classification of the material to be discussed presented no alternative but to conduct those hearings in executive or closed session.

INTRODUCTION

The Committee recommendation for total fiscal year 2018 Department of Defense funding is \$658,114,519,000, which includes \$584,180,519,000 in base funding and \$73,934,000,000 for overseas contingency operations/global war on terrorism funding in title IX. The Committee provides \$28,237,243,000 above the request so that the Department of Defense can accelerate its efforts to restore national defense to meet the increasing challenges around the world.

The Committee recommendation heeds the counsel of the Secretary of Defense, the Chairman of the Joint Chiefs of Staff, the leadership of the military Services, and other national security experts, all of whom have urged the Committee to provide funding for the national defense that is sufficient, stable, and timely. The Committee is increasingly concerned with the deterioration of military readiness for the full spectrum of conflict as well as the dire need for modernization to maintain the United States technological advantage, including a credible strategic deterrent.

The operational tempo maintained by the military since the September 11, 2001 terrorist attacks, combined with the budgetary instability of the past several years, has steered the armed forces into an unsustainable cycle in which readiness is consumed at least as fast as it is created. Moreover, this readiness is consumed in conflicts that require different technologies and skill sets than those that senior military leaders estimate will be needed in the next ten to twenty years. Just as a national defense oriented toward a Cold War, a garrison-based posture left the military somewhat ill prepared for the expeditionary and counterinsurgency-focused nature of recent conflicts, the recent emphasis on dangerous but highly asymmetrical adversaries has required the military to delay or trade away the capabilities that will be needed to counter peer and near-peer competitors that have been aggressively investing in military technology to counter or reverse United States dominance in all domains. This factor has compounded a growing deficit of modernization that can be traced back to the “procurement holiday” of the 1990s.

An effective military force is difficult to build yet easy to expend. Based upon the advice of the military and the Intelligence Community, the Committee does not foresee an international security situation in which the expenditure of military readiness will slacken enough to allow existing funding levels for national defense to catch up. Therefore, the Committee provides the additional resources that will increase national defense funding well above the five percent annual growth that the Secretary of Defense and the Service leaders say is necessary to exit the current cycle of regression and truly begin restoring the national defense.

To achieve this, the Committee has funded the investments in near-term readiness and long-term technological dominance requested by the Department, including authorized end strength increases, enhanced training for full spectrum conflict, weapon system maintenance and sustainment, the repair and improvement of neglected infrastructure, and research and development programs that will preserve asymmetric advantages. In addition, the Committee has identified shortfalls in the request, in particular with regard to procurement of existing in-production weapon systems that will preserve capacity, provide new capability, and allow for the gradual replacement of systems that are increasingly expensive to sustain due to dwindling supplies of spare parts and subsystem obsolescence. The Committee's proposed investments have been guided by the unfunded priorities lists submitted to the Congress, the needs of the reserve components, and the acknowledged need to preserve industrial base capacity.

The Committee recommendation balances the requirements of national defense with the imperative of fiscal responsibility and congressional oversight. The Committee has reviewed the budget request in detail and identified programs where reductions are possible without adversely impacting the warfighter or the restoration of national defense. Examples of such reductions include programs that have been terminated or restructured since the budget was submitted, savings from favorable contract pricing adjustments, contract or schedule delays resulting in savings, unjustified new programs and cost increases, funds requested ahead of need for the year of budget execution, projected or historical underexecution, rescissions of unneeded prior year funds, and reductions that are authorized in the National Defense Authorization Act for Fiscal Year 2018.

NATIONAL DEFENSE RESTORATION FUND

Pursuant to the concerns of the Committee regarding the state of the military and the risks to national security, the Committee recommendation includes \$28,600,000,000 for a National Defense Restoration Fund. These funds are allocated to military personnel, operation and maintenance, procurement, and research, development, test and evaluation accounts. The Committee expects that the Department of Defense will complete a new National Defense Strategy later in 2017, which will inform the Department's budget requests for fiscal year 2019 and beyond. The Committee strongly believes that it is necessary to complete the new strategy to inform the allocation of additional funding above the President's budget request, and that it is imperative that funding be available sooner to implement the new strategy upon completion in fiscal year 2018. The Committee therefore directs that the additional resources provided for the National Defense Restoration Fund be used to further this strategy as the Secretary of Defense determines in consultation with Congress. The Committee recommendation does not prejudice the use of the National Defense Restoration Fund by allocating funds to specific programs or projects, but requires the Secretary of Defense to submit allocation plans for the use of these funds, including a detailed budget justification for the use of such funds and a description of how such investments are necessary to

implement the strategy, not fewer than 30 days prior to making transfers from the funds.

DEFINITION OF PROGRAM, PROJECT, AND ACTIVITY

For the purposes of the Balanced Budget and Emergency Deficit Control Act of 1985 (Public Law 99-177), as amended by the Balanced Budget and Emergency Deficit Control Reaffirmation Act of 1987 (Public Law 100-119), and by the Budget Enforcement Act of 1990 (Public Law 101-508), the terms “program, project, and activity” for appropriations contained in this Act shall be defined as the most specific level of budget items identified in the Department of Defense Appropriations Act, 2018, the related classified annexes and Committee reports, and the P-1 and R-1 budget justification documents as subsequently modified by congressional action.

The following exception to the above definition shall apply: the military personnel and the operation and maintenance accounts, for which the term “program, project, and activity” is defined as the appropriations accounts contained in the Department of Defense Appropriations Act.

At the time the President submits the budget request for fiscal year 2019, the Secretary of Defense is directed to transmit to the congressional defense committees budget justification documents to be known as the “M-1” and “O-1” which shall identify, at the budget activity, activity group, and sub-activity group level, the amounts requested by the President to be appropriated to the Department of Defense for military personnel and operation and maintenance in any budget request, or amended budget request, for fiscal year 2019.

REPROGRAMMING GUIDANCE

The Committee directs the Secretary of Defense to continue to follow the reprogramming guidance for acquisition accounts as specified in the report accompanying the House version of the Department of Defense Appropriations bill for Fiscal Year 2008 (House Report 110-279). For operation and maintenance accounts, the Secretary of Defense shall continue to follow the reprogramming guidelines specified in the conference report accompanying H.R. 3222, the Department of Defense Appropriations Act, 2008. The dollar threshold for reprogramming funds shall remain at \$10,000,000 for military personnel; \$15,000,000 for operation and maintenance; \$20,000,000 for procurement; and \$10,000,000 for research, development, test and evaluation.

Also, the Committee directs the Under Secretary of Defense (Comptroller) to continue to provide the congressional defense committees annual DD Form 1416 reports for titles I and II and quarterly, spreadsheet-based DD Form 1416 reports for Service and defense-wide accounts in titles III and IV of this Act. Reports for titles III and IV shall comply with guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act, 2006. The Department shall continue to follow the limitation that prior approval reprogrammings are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative from the base for reprogramming value as modified by any adjustments. Therefore, if the combined

value of transfers into or out of a military personnel (M-1), an operation and maintenance (O-1), a procurement (P-1), or a research, development, test and evaluation (R-1) line exceeds the identified threshold, the Secretary of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this report.

FUNDING INCREASES

The funding increases outlined in the tables for each appropriation account shall be provided only for the specific purposes indicated in the tables.

CONGRESSIONAL SPECIAL INTEREST ITEMS

Items for which additional funds have been provided or items for which funding is specifically reduced as shown in the project level tables or in paragraphs using the phrase “only for” or “only to” in this report are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount, as specifically addressed in the Committee report.

CLASSIFIED ANNEX

Adjustments to the classified programs are addressed in the classified annex accompanying this report.

COMMITTEE RECOMMENDATIONS BY MAJOR CATEGORY

ACTIVE, RESERVE AND NATIONAL GUARD MILITARY PERSONNEL

In title I of the bill, the Committee recommends a total of \$132,977,586,000 for active, reserve, and National Guard military personnel, a decrease of \$904,050,000 below the budget request, and an increase of \$4,251,608,000 above the fiscal year 2017 enacted level. The Committee recommendation provides funding to increase basic pay for all military personnel by 2.4 percent, as authorized by current law, effective January 1, 2018. The Committee recommends full funding to support the requested end strength levels for active duty and Selected Reserve personnel. The Committee recommendation also provides funds to support an end strength growth of 17,000 servicemembers to address the need to restore the military.

OPERATION AND MAINTENANCE

In title II of the bill, the Committee recommends a total of \$191,654,065,000 for operation and maintenance support to the military Services and other Department of Defense entities, an increase of \$3,083,767,000 above the budget request, and an increase of \$24,050,805,000 above the fiscal year 2017 enacted level. The recommended levels will robustly fund operational training programs in fiscal year 2018. Requests for unit and depot-level maintenance, facilities sustainment, restoration and modernization, and base operations support program funding have been fully supported.

PROCUREMENT

In title III of the bill, the Committee recommends a total of \$132,501,445,000 for procurement.

Major initiatives and modifications include:

\$1,046,308,000 for the procurement of 56 UH-60 Blackhawk helicopters, an increase of \$108,000,000 and eight helicopters above the President's request;

\$166,683,000 for the procurement of 20 UH-72A Lakota helicopters, an increase of \$58,300,000 and seven aircraft above the President's request;

\$348,000,000 for the procurement of 116 Stryker Double V-Hull upgrades, an increase of \$348,000,000 and 116 vehicles above the President's request;

\$1,092,800,000 for the upgrade of 85 Abrams tanks to the M1A2 system enhancement package configuration, an increase of \$375,000,000 and 29 vehicles above the President's request;

\$483,050,000 for the upgrade of 145 Bradley Fighting Vehicles to the M2A4/M7A4 configuration, an increase of \$283,050,000 and 85 vehicles above the President's request;

\$1,819,093,000 for the procurement of 24 F/A-18E/F Super Hornet aircraft, an increase of ten aircraft above the President's request;

\$1,218,295,000 for the procurement of seven P-8A Poseidon multi-mission aircraft;

\$896,267,000 for the procurement of 29 AH-1Z helicopters, an increase of four aircraft above the President's request;

\$1,191,496,000 for the procurement of 12 V-22 aircraft, an increase of six aircraft and \$514,092,000 above the President's request;

\$9,449,755,000 for the procurement of 84 F-35 Lightning aircraft, an increase of \$1,924,608,000 and 14 aircraft above the President's request: 24 short take-off and vertical landing variants for the Marine Corps, ten carrier variants for the Navy and Marine Corps, and 50 conventional variants for the Air Force;

\$21,503,726,000 for the procurement of 11 Navy ships, including one carrier replacement, two DDG-51 guided missile destroyers, two SSN-774 attack submarines, three Littoral Combat Ships, one Towing, Salvage, and Rescue Ship, one TAO fleet oiler, and one Expeditionary Sea Base, an increase of \$1,600,044,000 and three ships above the President's request;

\$842,853,000 for the continued procurement of the Columbia class ballistic missile submarine;

\$1,536,160,000 for the procurement of 17 C/HC/MC/KC-130J aircraft, an increase of \$669,000,000 and eight aircraft above the President's request;

\$271,080,000 for the procurement of 16 MQ-9 Reaper unmanned aerial vehicles;

\$2,441,879,000 for the procurement of 15 KC-46 tanker aircraft;

\$1,553,908,000 for the procurement of three Evolved Expendable Launch Vehicles; and

\$332,000,000 for the Israeli Cooperative Programs under the Missile Defense Agency, an increase of \$290,000,000 above the President's request.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

In title IV of the bill, the Committee recommends a total of \$82,654,976,000 for research, development, test and evaluation.

Major initiatives and modifications include:

\$776,158,000 for the continued development of the Columbia class ballistic missile submarine;

\$628,936,000 for the continued development of the Next Generation Jammer;

\$1,178,155,000 for the continued development of the F-35 Lightning Joint Strike Fighter aircraft;

\$444,938,000 for the continued development of the replacement for the Presidential helicopter program;

\$1,983,580,000 for the continued development of a new penetrating bomber;

\$417,201,000 for the development of a Next Generation JSTARS aircraft;

\$434,069,000 for the development of a Presidential Aircraft Replacement;

\$354,485,000 for the continued development of a new combat rescue helicopter;

\$108,617,000 for the UH-1N replacement program;

\$297,572,000 for the development of an alternative rocket engine for space launch;

\$3,070,390,000 for the Defense Advanced Research Projects Agency; and

\$373,800,000 for the Israeli Cooperative Program under the Missile Defense Agency, an increase of \$268,446,000 above the President's request.

DEFENSE HEALTH PROGRAM

The Committee recommends a total of \$33,931,566,000 for the Defense Health Program to support worldwide medical and dental services for active forces and other eligible beneficiaries.

OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON TERRORISM
REQUIREMENTS

In title IX of the bill, the Committee recommends a total of \$73,934,000,000 for overseas contingency operations/global war on terrorism (OCO/GWOT) requirements.

Military Personnel: The Committee recommends a total of \$5,276,276,000 for military personnel OCO/GWOT requirements in title IX of the bill.

Operation and Maintenance: The Committee recommends a total of \$49,269,149,000 for operation and maintenance OCO/GWOT requirements in title IX of the bill.

Procurement: The Committee recommends a total of \$16,462,540,000 for procurement OCO/GWOT requirements in title IX of the bill.

Research, Development, Test and Evaluation: The Committee recommends a total of \$1,614,837,000 for research, development, test and evaluation OCO/GWOT requirements in title IX of the bill.

BUDGET JUSTIFICATION MATERIAL

The Committee is extremely disappointed in the quality of the budget justification exhibits submitted in support of the fiscal year 2018 budget request. The justification material was lacking numerous supporting exhibits critical to the oversight responsibility of the Committee and those exhibits that were provided were riddled with mistakes. Some exhibits were consolidated and the justification for some programs was completely omitted. The submission gives the appearance that the Department of Defense is deciding which programs should or should not be reviewed by the Committee. The poor justification, combined with the extreme tardiness of the submission, is a source of frustration for the Committee. The oversight conducted by the Committee must be a collaborative effort with the Administration. The Committee directs the Under Secretary of Defense (Comptroller) to meet with the House and Senate Appropriations Committees not later than September 30, 2017 to explain the reason for the sub-standard justification materials and to discuss measures to prevent this same phenomenon in future budget submissions.

SERVICE UNFUNDED REQUIREMENTS LISTS

The Committee recognizes that each military Service submits an annual unfunded requirements list to the congressional defense committees. These lists allow the Committee to gain greater insight into the Services requirements that may have been excluded from the budget request due to budgetary constraints. However, the Committee is dismayed that the military Services did not each provide one consolidated list of requirements for fiscal year 2018, instead providing categorized lists of items, thereby obscuring the true prioritization of the requests. The Committee directs the Chiefs of Staff of the Army, Navy, Marine Corps, and Air Force to provide their individual Service unfunded requirements in one consolidated priority list for fiscal year 2019 and in subsequent budget submissions.

CYBERSPACE ACTIVITIES

The recommendation fully funds the fiscal year 2018 base budget requirement of \$7,940,406,000 for the Army, Navy, Marine Corps, Air Force, and the defense agencies cyberspace activities, an increase of \$1,242,289,000 over the fiscal year 2017 enacted level.

The Department of Defense Chief Information Officer, in coordination with the Under Secretary of Defense (Comptroller) and the Service Secretaries, is working to modify the cyberspace activities exhibits included in the Department of Defense classified cyberspace activities information technology investment budget justification materials in order to provide increased visibility and clarity into the cyberspace activities funding requirements. The Under Secretary of Defense (Comptroller) and the Chief Information Officer are currently reviewing the cyberspace activities budget justification material and are directed to provide a proposal to the House and Senate Appropriations Committees not later than September 1, 2017 for how to clearly delineate the Department of Defense cyber investment activities as part of the budget justification material beginning with the fiscal year 2019 budget submission.

As part of its fiscal year 2018 budget documentation, the Department of Navy established a unique cyber sub-activity group for operation and maintenance accounts, which the Committee believes will increase visibility and congressional oversight of requested funding for cyberspace activities. Beginning with the fiscal year 2019 budget documentation, the Committee directs the Under Secretary of Defense (Comptroller), the Chief Information Officer, and the Service Secretaries to establish unique cyber sub-activity groups for operation and maintenance accounts and individual cost codes, projects, or program elements for procurement and research, development, test and evaluation accounts.

The “Department of Defense Cyberspace Activities” table provided shows the amount of base funding provided to each Service and defense-wide account in fiscal years 2017 and 2018. Funding appropriated herein may be used only for cyberspace activities as defined by the classified cyberspace activities information technology investment budget request for fiscal year 2018. The Committee directs the Secretary of Defense to use normal prior approval reprogramming procedures to obligate funding appropriated to the operation and maintenance, procurement, or research, development, test and evaluation accounts for cyberspace activities for any purpose other than cyberspace activities. The Committee directs the Department of Defense Chief Information Officer to submit to the House and Senate Appropriations Committees two reports not later than May 30, 2018 and November 30, 2018, that provide the mid-year and end of fiscal year financial obligation and execution data for cyberspace activities for the previous and current fiscal years.

DEPARTMENT OF DEFENSE (base funding only)
CYBERSPACE ACTIVITIES
(includes cybersecurity, cyberspace operations, and research and development)
(In thousands of dollars)

	Fiscal Year 2017 Enacted	Fiscal Year 2018 Recommended
DEPARTMENT OF ARMY		
Military Personnel	163,409	304,607
Operation and Maintenance	760,989	909,689
Procurement	231,861	204,463
Research, Development, Test and Evaluation	171,389	302,245
TOTAL, DEPARTMENT OF ARMY	1,327,648	1,721,004
DEPARTMENT OF NAVY		
Working Capital Fund, Defense	127,484	134,313
Military Personnel	263,388	327,711
Operation and Maintenance	450,523	592,709
Procurement	104,228	133,069
Research, Development, Test and Evaluation	91,057	112,094
TOTAL, DEPARTMENT OF NAVY	1,036,680	1,299,896
DEPARTMENT OF AIR FORCE		
Military Personnel	286,464	344,590
Operation and Maintenance	1,020,518	1,207,507
Procurement	326,007	335,990
Research, Development, Test and Evaluation	356,922	482,428
TOTAL, DEPARTMENT OF AIR FORCE	1,989,911	2,370,515
DEFENSE-WIDE		
Working Capital Fund, Defense	323,513	353,106
Operation and Maintenance	1,280,015	1,362,790
Procurement	60,627	62,722
Research, Development, Test and Evaluation	679,723	770,373
TOTAL, DEFENSE-WIDE	2,343,878	2,548,991
TOTAL, CYBERSPACE ACTIVITIES	6,698,117	7,940,406

QUARTERLY CYBER OPERATIONS BRIEFING

The Committee directs the Secretary of Defense to provide quarterly briefings to the House and Senate Appropriations Committees on all named offensive and significant defensive military operations in cyberspace carried out by the Department of Defense not later than 30 days after the end of each fiscal quarter.

PERSISTENT CYBER TRAINING ENVIRONMENT

The Committee recognizes that the Army is the executive agent of the persistent cyber training environment for the Department of Defense and the recommendation fully funds the budget request for fiscal year 2018. The Committee supports efforts associated with the rapid development of an up-to-date cyber training curriculum, cyber toolsets, and a realistic threat environment as well as efforts to create an adaptive cyber threat environment that accurately emulates enemy capabilities based on the latest data from the Intelligence Community.

BIG DATA ANALYTICS STRATEGY

The Committee recognizes that data is an invaluable asset to the Department of Defense. Modern technology tools gained through hyper-scale cloud computing like big data analytics, machine-learning technologies, and artificial intelligence software represent an unprecedented opportunity to leverage this data, stay ahead of adversaries, and enable both offensive and defensive capabilities for the warfighter. The Committee directs the Secretary of Defense to conduct a review of the adoption of hyper-scale cloud computing in the Department of Defense and to provide a report detailing the results of the review to the congressional defense committees not later than 60 days after the enactment of this Act.

TITLE I

MILITARY PERSONNEL

The fiscal year 2018 Department of Defense military personnel budget request totals \$133,881,636,000. The Committee recommendation provides \$132,977,586,000 for the military personnel accounts. The table below summarizes the Committee recommendations:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST

RECAPITULATION			
MILITARY PERSONNEL, ARMY.....	41,533,674	41,427,054	-106,620
MILITARY PERSONNEL, NAVY.....	28,917,918	28,707,918	-210,000
MILITARY PERSONNEL, MARINE CORPS.....	13,278,714	13,165,714	-113,000
MILITARY PERSONNEL, AIR FORCE.....	28,962,740	28,738,320	-224,420
RESERVE PERSONNEL, ARMY.....	4,804,628	4,721,128	-83,500
RESERVE PERSONNEL, NAVY.....	2,000,362	1,987,662	-12,700
RESERVE PERSONNEL, MARINE CORPS.....	766,703	762,793	-3,910
RESERVE PERSONNEL, AIR FORCE.....	1,824,334	1,808,434	-15,900
NATIONAL GUARD PERSONNEL, ARMY.....	8,379,376	8,252,426	-126,950
NATIONAL GUARD PERSONNEL, AIR FORCE.....	3,413,187	3,406,137	-7,050
GRAND TOTAL, MILITARY PERSONNEL.....	133,881,636	132,977,586	-904,050
	=====	=====	=====

MILITARY PERSONNEL OVERVIEW

The Committee recommendation provides \$132,977,586,000 for the military personnel accounts, which funds military pay and allowances, recruitment and retention initiatives, and overall quality of life programs for active duty, National Guard, and reserve personnel. The recommendation provides increased basic pay for all military personnel by 2.4 percent as authorized by current law, effective January 1, 2018. The Committee continues to encourage constructive evaluations of recruitment and retention programs, bonus and special pay incentives, and personnel benefit programs for fiscal year 2018. The Committee remains supportive of programs intended to enhance the morale and quality of life of military personnel and their families.

SUMMARY OF END STRENGTH

The Committee recommendation provides an increase of 18,100 in total end strength for the active forces and an increase of 9,700 in total end strength for the Selected Reserve as compared to the fiscal year 2017 authorized levels. These totals reflect an increase of 17,000 in end strength above the request, to be allocated among the Services as the Secretary of Defense determines necessary to restore the Nation's defense. The following tables summarize the Committee recommendations for end strength levels, both in the aggregate and for each active and Selected Reserve component.

OVERALL ACTIVE END STRENGTH

Fiscal year 2017 authorized	1,305,900
Fiscal year 2018 budget request	1,314,000
Fiscal year 2018 recommendation	1,324,000
Compared with fiscal year 2017	+18,100
Compared with fiscal year 2018 budget request	+10,000

OVERALL SELECTED RESERVE END STRENGTH

Fiscal year 2017 authorized	813,200
Fiscal year 2018 budget request	815,900
Fiscal year 2018 recommendation	822,900
Compared with fiscal year 2017	+9,700
Compared with fiscal year 2018 budget request	+7,000

SUMMARY OF MILITARY PERSONNEL END STRENGTH

	Fiscal year 2017 authorized	Fiscal year 2018			
		Budget request	Committee recommended	Change from request	Change from fiscal year 2017
Active Forces (End Strength)					
Army.....	476,000	476,000	476,000	---	---
Navy.....	323,900	327,900	327,900	---	4,000
Marine Corps.....	185,000	185,000	185,000	---	0
Air Force.....	321,000	325,100	325,100	---	4,100
Additional End Strength (National Defense Restoration Fund).....	---	---	10,000	10,000	10,000
Total, Active Forces.....	1,305,900	1,314,000	1,324,000	10,000	18,100
Guard and Reserve Forces (End Strength)					
Army Reserve.....	199,000	199,000	199,000	---	---
Navy Reserve.....	58,000	59,000	59,000	---	1,000
Marine Corps Reserve.....	38,500	38,500	38,500	---	---
Air Force Reserve.....	69,000	69,800	69,800	---	800
Army National Guard.....	343,000	343,000	343,000	---	---
Air National Guard.....	105,700	106,600	106,600	---	900
Additional End Strength (National Defense Restoration Fund).....	---	---	7,000	7,000	7,000
Total, Selected Reserve.....	813,200	815,900	822,900	7,000	9,700
Total, Military Personnel.....	2,119,100	2,129,900	2,146,900	17,000	27,800

REPROGRAMMING GUIDANCE FOR MILITARY PERSONNEL ACCOUNTS

The Committee directs the Secretary of Defense to submit the Base for Reprogramming (DD Form 1414) for each of the fiscal year 2018 appropriation accounts not later than 60 days after the enactment of this Act. The Secretary of Defense is prohibited from executing any reprogramming or transfer of funds for any purpose other than originally appropriated until the aforementioned report is submitted to the House and Senate Appropriations Committees.

The Committee directs the Secretary of Defense to use the normal prior approval reprogramming procedures to transfer funds in the Services' military personnel accounts between budget activities in excess of \$10,000,000.

MILITARY PERSONNEL SPECIAL INTEREST ITEMS

Items for which additional funds have been provided or have been specifically reduced as shown in the project level tables or in paragraphs using the phrase "only for" or "only to" in this report are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount as specifically addressed in the Committee report. Below threshold reprogrammings may not be used to either restore or reduce funding from congressional special interest items as identified on the DD Form 1414.

SEXUAL ASSAULT PREVENTION AND RESPONSE

The Committee remains concerned by the ongoing epidemic of sexual assault in the military and at the Service academies and believes that this will persist until a change in culture occurs across all Services at every level. The Department of Defense provides an annual report to Congress which provides details on sexual assaults involving servicemembers. However, recent events make it clear that more action by the Department is necessary to combat this widespread problem. In addition to the annual report, the Committee directs the Secretary of Defense, in coordination with the Director of the Department of Defense Sexual Assault Prevention and Response Office, to jointly brief the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act on actions that the Department is taking to address ongoing sexual assault scandals, as well as recent efforts to prevent, respond to, and adjudicate sexual assault cases.

MINORITY OUTREACH AND OFFICER ACCESSIONS

Minorities remain underrepresented in the general officer ranks across the Services. To build a more diverse military, the Committee supports efforts to conduct outreach and recruiting programs focused on increasing officer accessions from Hispanic Serving Institutions, Historically Black Colleges and Universities, other Minority Serving Institutions, and minority communities and encourages the Secretary of Defense and the Service Secretaries to support such efforts with both personnel and resources.

CULTURAL SENSITIVITY TRAINING

The Committee recognizes that the Department of Defense and the Services have multiple cultural sensitivity training programs for military personnel. The Committee also believes in the importance of protecting servicemembers' rights regarding religious exercise and ethnic heritage. As such, the Committee supports efforts to identify resource and personnel gaps that may exist in the Office of Diversity Management and Equal Opportunity of the Department of Defense as well as efforts to identify existing gaps in protections for new and prospective servicemembers.

TRAUMA TRAINING PROGRAM

The Committee recognizes the valuable support that universities, hospitals, and other military partners provide by offering civilian-based emergency response trauma and critical care training, including public health, bio-environmental, and biomedical instruction to sustain capabilities of the National Guard Enhanced Response Forces Packages, National Guard Homeland Response Forces, and Army Reserve Consequence Management Response Forces. The Committee encourages the Director of the National Guard Bureau and the Chiefs of the reserve components to continue pursuing advanced trauma and public health training with these civilian partners in order to maintain unit readiness.

ARMY NATIONAL GUARD AND ARMY RESERVE

CYBER PROTECTION TEAMS

The Army recently validated a requirement to establish 21 additional cyber protection teams (CPTs) in the reserve component and to include the teams as part of the United States Cyber Command Cyber Mission Force. The Army National Guard is programmed to field 11 CPTs while the Army Reserve will field ten CPTs. The Committee remains supportive of this effort and recommends a total of \$9,800,000, an increase of \$1,800,000 over the budget request, in Military Personnel, Army National Guard and Operation and Maintenance, Army National Guard, to man, train, and equip the Army National Guard CPTs.

The Committee supports Army Reserve efforts to engage with universities and the private sector to develop formal cyber public-private partnerships to further cyber training and employment. The Committee understands that the Army Reserve has experienced challenges in certifying the cyber public-private partnership program due to the classified nature of the cyber common technical core course. The Committee encourages the Director of the National Security Agency/Commander of the United States Cyber Command to work with the Chief of the Army Reserve to provide a pathway for certification of this program.

RESERVE COMPONENTS FULL-TIME SUPPORT

The Committee recognizes the important role performed by full-time support personnel in the National Guard and reserve components. The Committee directs the Secretary of Defense, in coordination with the Chief of the National Guard Bureau, to submit a re-

port to the congressional defense committees not later than 180 days after the enactment of this Act that describes how the number of full-time support personnel in the National Guard impacts the readiness of each reserve component.

MILITARY PERSONNEL, ARMY

Fiscal year 2017 appropriation	\$40,042,962,000
Fiscal year 2018 budget request	41,533,674,000
Committee recommendation	41,427,054,000
Change from budget request	– 106,620,000

The Committee recommends an appropriation of \$41,427,054,000 for Military Personnel, Army which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
50 MILITARY PERSONNEL, ARMY			
100 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
150 BASIC PAY.....	7,024,696	7,024,696	---
200 RETIRED PAY ACCRUAL.....	1,998,990	1,998,990	---
220 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	76,094	76,094	---
250 BASIC ALLOWANCE FOR HOUSING.....	2,178,830	2,178,830	---
300 BASIC ALLOWANCE FOR SUBSISTENCE.....	285,298	285,298	---
350 INCENTIVE PAYS.....	85,272	83,772	-1,500
400 SPECIAL PAYS.....	378,874	378,874	---
450 ALLOWANCES.....	182,527	182,527	---
500 SEPARATION PAY.....	107,732	107,732	---
550 SOCIAL SECURITY TAX.....	534,396	534,396	---
600 TOTAL, BUDGET ACTIVITY 1.....	12,852,709	12,851,209	-1,500
650 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
700 BASIC PAY.....	12,948,769	12,948,769	---
750 RETIRED PAY ACCRUAL.....	3,686,753	3,686,753	---
770 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	136,998	136,998	---
800 BASIC ALLOWANCE FOR HOUSING.....	4,588,794	4,588,794	---
850 INCENTIVE PAYS.....	94,105	94,105	---
900 SPECIAL PAYS.....	1,294,027	1,274,027	-20,000
950 ALLOWANCES.....	713,047	713,047	---
1000 SEPARATION PAY.....	484,510	484,510	---
1050 SOCIAL SECURITY TAX.....	990,581	990,581	---
1100 TOTAL, BUDGET ACTIVITY 2.....	24,937,584	24,917,584	-20,000
1150 ACTIVITY 3: PAY AND ALLOWANCES OF CADETS			
1200 ACADEMY CADETS.....	82,393	82,393	---
1250 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
1300 BASIC ALLOWANCE FOR SUBSISTENCE.....	1,254,144	1,254,144	---
1350 SUBSISTENCE-IN-KIND.....	606,660	606,660	---
1400 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	601	601	---
1450 TOTAL, BUDGET ACTIVITY 4.....	1,861,405	1,861,405	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
1500 ACTIVITY 5: PERMANENT CHANGE OF STATION			
1550 ACCESSION TRAVEL.....	179,209	169,209	-10,000
1600 TRAINING TRAVEL.....	150,368	150,368	---
1650 OPERATIONAL TRAVEL	379,251	379,251	---
1700 ROTATIONAL TRAVEL	730,865	730,865	---
1750 SEPARATION TRAVEL.....	273,871	273,871	---
1800 TRAVEL OF ORGANIZED UNITS.....	4,170	4,170	---
1850 NON-TEMPORARY STORAGE.....	12,653	12,653	---
1900 TEMPORARY LODGING EXPENSE.....	36,983	36,983	---
1950 TOTAL, BUDGET ACTIVITY 5.....	1,767,370	1,757,370	-10,000
2000 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
2050 APPREHENSION OF MILITARY DESERTERS.....	309	309	---
2100 INTEREST ON UNIFORMED SERVICES SAVINGS.....	160	160	---
2150 DEATH GRATUITIES.....	40,700	40,700	---
2200 UNEMPLOYMENT BENEFITS.....	107,682	107,682	---
2250 EDUCATION BENEFITS.....	16,091	16,091	---
2300 ADOPTION EXPENSES.....	603	603	---
2350 TRANSPORTATION SUBSIDY.....	7,884	7,884	---
2400 PARTIAL DISLOCATION ALLOWANCE.....	64	64	---
2450 RESERVE OFFICERS TRAINING CORPS (ROTC).....	101,008	101,008	---
2500 JUNIOR ROTC.....	28,037	28,037	---
2550 TOTAL, BUDGET ACTIVITY 6.....	302,538	302,538	---
2600 LESS REIMBURSABLES.....	-270,325	-270,325	---
2650 UNDISTRIBUTED ADJUSTMENT.....	---	-75,120	-75,120
=====	=====	=====	=====
2700 TOTAL, ACTIVE FORCES, ARMY.....	41,533,674	41,427,054	-106,620
6300 TOTAL, MILITARY PERSONNEL, ARMY.....	41,533,674	41,427,054	-106,620
=====	=====	=====	=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
BA-1: PAY AND ALLOWANCES OF OFFICERS			
INCENTIVE PAYS	85,272	83,772	-1,500
Excess growth		-1,500	
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
SPECIAL PAYS	1,294,027	1,274,027	-20,000
Excess growth		-20,000	
BA-5: PERMANENT CHANGE OF STATION TRAVEL			
ACCESSION TRAVEL	179,209	169,209	-10,000
Excess growth		-10,000	
UNDISTRIBUTED ADJUSTMENT		-75,120	-75,120
Historical unobligated balances		-75,120	

MILITARY PERSONNEL, NAVY

Fiscal year 2017 appropriation	\$27,889,405,000
Fiscal year 2018 budget request	28,917,918,000
Committee recommendation	28,707,918,000
Change from budget request	− 210,000,000

The Committee recommends an appropriation of \$28,707,918,000 for Military Personnel, Navy which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
6400 MILITARY PERSONNEL, NAVY			
6450 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
6500 BASIC PAY.....	4,250,732	4,250,732	---
6550 RETIRED PAY ACCRUAL.....	1,209,645	1,209,645	---
6560 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	46,944	46,944	---
6600 BASIC ALLOWANCE FOR HOUSING.....	1,554,695	1,554,695	---
6650 BASIC ALLOWANCE FOR SUBSISTENCE.....	171,681	171,681	---
6700 INCENTIVE PAYS.....	131,251	131,251	---
6750 SPECIAL PAYS.....	445,426	445,426	---
6800 ALLOWANCES.....	120,469	120,469	---
6850 SEPARATION PAY	43,709	43,709	---
6900 SOCIAL SECURITY TAX.....	324,231	324,231	---
6950 TOTAL, BUDGET ACTIVITY 1.....	8,298,783	8,298,783	---
7000 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
7050 BASIC PAY.....	9,165,195	9,165,195	---
7100 RETIRED PAY ACCRUAL.....	2,611,852	2,611,852	---
7120 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	102,201	102,201	---
7150 BASIC ALLOWANCE FOR HOUSING.....	4,382,826	4,382,826	---
7200 INCENTIVE PAYS.....	104,363	104,363	---
7250 SPECIAL PAYS.....	798,735	788,735	-10,000
7300 ALLOWANCES.....	589,072	589,072	---
7350 SEPARATION PAY.....	138,013	138,013	---
7400 SOCIAL SECURITY TAX.....	701,137	701,137	---
7450 TOTAL, BUDGET ACTIVITY 2.....	18,593,394	18,583,394	-10,000
7500 ACTIVITY 3: PAY AND ALLOWANCES OF MIDSHIPMEN			
7550 MIDSHIPMEN.....	81,501	81,501	---
7600 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
7650 BASIC ALLOWANCE FOR SUBSISTENCE.....	803,889	803,889	---
7700 SUBSISTENCE-IN-KIND.....	415,383	415,383	---
7750 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	10	10	---
7800 TOTAL, BUDGET ACTIVITY 4.....	1,219,282	1,219,282	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
7850 ACTIVITY 5: PERMANENT CHANGE OF STATION			
7900 ACCESSION TRAVEL.....	92,004	92,004	---
7950 TRAINING TRAVEL.....	88,677	88,677	---
8000 OPERATIONAL TRAVEL	219,686	219,686	---
8050 ROTATIONAL TRAVEL	347,267	347,267	---
8100 SEPARATION TRAVEL.....	118,410	118,410	---
8150 TRAVEL OF ORGANIZED UNITS.....	30,884	30,884	---
8200 NON-TEMPORARY STORAGE.....	12,673	12,673	---
8250 TEMPORARY LODGING EXPENSE.....	17,850	17,850	---
8350 TOTAL, BUDGET ACTIVITY 5.....	927,451	927,451	---
8400 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
8450 APPREHENSION OF MILITARY DESERTERS.....	59	59	---
8500 INTEREST ON UNIFORMED SERVICES SAVINGS.....	1,162	1,162	---
8550 DEATH GRATUITIES.....	18,500	18,500	---
8600 UNEMPLOYMENT BENEFITS.....	65,326	65,326	---
8650 EDUCATION BENEFITS.....	16,736	16,736	---
8700 ADOPTION EXPENSES.....	223	223	---
8750 TRANSPORTATION SUBSIDY.....	4,926	4,926	---
8800 PARTIAL DISLOCATION ALLOWANCE.....	10	10	---
8900 RESERVE OFFICERS TRAINING CORPS (ROTC).....	20,536	20,536	---
8950 JUNIOR ROTC.....	15,410	15,410	---
9000 TOTAL, BUDGET ACTIVITY 6.....	142,888	142,888	---
9050 LESS REIMBURSABLES.....	-345,381	-345,381	---
9100 UNDISTRIBUTED ADJUSTMENT.....	---	-200,000	-200,000
=====	=====	=====	
9200 TOTAL, ACTIVE FORCES, NAVY.....	28,917,918	28,707,918	-210,000
11000 TOTAL, MILITARY PERSONNEL, NAVY.....	28,917,918	28,707,918	-210,000
=====	=====	=====	

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
SPECIAL PAYS	798,735	788,735	-10,000
Excess growth		-10,000	
UNDISTRIBUTED ADJUSTMENT		-200,000	-200,000
Historical unobligated balances		-200,000	

MILITARY PERSONNEL, MARINE CORPS

Fiscal year 2017 appropriation	\$12,735,182,000
Fiscal year 2018 budget request	13,278,714,000
Committee recommendation	13,165,714,000
Change from budget request	– 113,000,000

The Committee recommends an appropriation of \$13,165,714,000 for Military Personnel, Marine Corps which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
12000 MILITARY PERSONNEL, MARINE CORPS			
12050 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
12100 BASIC PAY.....	1,581,886	1,581,886	---
12150 RETIRED PAY ACCRUAL.....	450,292	450,292	---
12170 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	17,859	17,859	---
12200 BASIC ALLOWANCE FOR HOUSING.....	535,011	535,011	---
12250 BASIC ALLOWANCE FOR SUBSISTENCE.....	66,887	66,887	---
12300 INCENTIVE PAYS.....	36,374	33,374	-3,000
12350 SPECIAL PAYS.....	3,333	3,333	---
12400 ALLOWANCES.....	43,841	43,841	---
12450 SEPARATION PAY.....	13,257	13,257	---
12500 SOCIAL SECURITY TAX.....	120,531	120,531	---
12550 TOTAL, BUDGET ACTIVITY 1.....	2,869,271	2,866,271	-3,000
12600 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
12650 BASIC PAY.....	4,980,929	4,980,929	---
12700 RETIRED PAY ACCRUAL.....	1,416,193	1,416,193	---
12720 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	55,287	55,287	---
12750 BASIC ALLOWANCE FOR HOUSING.....	1,620,934	1,620,934	---
12800 INCENTIVE PAYS.....	9,137	9,137	---
12850 SPECIAL PAYS.....	144,597	134,597	-10,000
12900 ALLOWANCES.....	319,915	319,915	---
12950 SEPARATION PAY.....	90,030	90,030	---
13000 SOCIAL SECURITY TAX.....	380,478	380,478	---
13050 TOTAL, BUDGET ACTIVITY 2.....	9,017,500	9,007,500	-10,000
13100 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
13150 BASIC ALLOWANCE FOR SUBSISTENCE.....	450,121	450,121	---
13200 SUBSISTENCE-IN-KIND.....	415,759	415,759	---
13250 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	10	10	---
13300 TOTAL, BUDGET ACTIVITY 4.....	865,890	865,890	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST

13350 ACTIVITY 5: PERMANENT CHANGE OF STATION			
13400 ACCESSION TRAVEL.....	55,098	55,098	---
13450 TRAINING TRAVEL.....	18,718	18,718	---
13500 OPERATIONAL TRAVEL	184,003	184,003	---
13550 ROTATIONAL TRAVEL	120,351	120,351	---
13600 SEPARATION TRAVEL.....	93,216	93,216	---
13650 TRAVEL OF ORGANIZED UNITS.....	4,671	4,671	---
13750 TEMPORARY LODGING EXPENSE.....	5,578	5,578	---

13850 TOTAL, BUDGET ACTIVITY 5.....	481,635	481,635	---
13900 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
13950 APPREHENSION OF MILITARY DESERTERS.....	326	326	---
14000 INTEREST ON UNIFORMED SERVICES SAVINGS.....	19	19	---
14050 DEATH GRATUITIES.....	12,900	12,900	---
14100 UNEMPLOYMENT BENEFITS.....	46,624	46,624	---
14150 EDUCATION BENEFITS.....	8,591	8,591	---
14200 ADOPTION EXPENSES.....	92	92	---
14250 TRANSPORTATION SUBSIDY.....	1,986	1,986	---
14300 PARTIAL DISLOCATION ALLOWANCE.....	103	103	---
14400 JUNIOR ROTC.....	4,408	4,408	---

14450 TOTAL, BUDGET ACTIVITY 6.....	75,049	75,049	---
14500 LESS REIMBURSABLES.....	-30,631	-30,631	---
14600 UNDISTRIBUTED ADJUSTMENT.....	---	-100,000	-100,000
=====			
14650 TOTAL, ACTIVE FORCES, MARINE CORPS.....	13,278,714	13,165,714	-113,000
16000 TOTAL, MILITARY PERSONNEL, MARINE CORPS.....	13,278,714	13,165,714	-113,000
=====			

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
BA-1: PAY AND ALLOWANCES OF OFFICERS			
INCENTIVE PAYS	36,374	33,374	-3,000
Excess growth		-3,000	
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
SPECIAL PAYS	144,597	134,597	-10,000
Excess growth		-10,000	
UNDISTRIBUTED ADJUSTMENT		-100,000	-100,000
Historical unobligated balances		-100,000	

MILITARY PERSONNEL, AIR FORCE

Fiscal year 2017 appropriation	\$27,958,795,000
Fiscal year 2018 budget request	28,962,740,000
Committee recommendation	28,738,320,000
Change from budget request	– 224,420,000

The Committee recommends an appropriation of \$28,738,320,000 for Military Personnel, Air Force which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
17000 MILITARY PERSONNEL, AIR FORCE			
17050 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
17100 BASIC PAY.....	4,969,886	4,969,886	---
17150 RETIRED PAY ACCRUAL.....	1,407,970	1,407,970	---
17170 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	55,447	55,447	---
17200 BASIC ALLOWANCE FOR HOUSING.....	1,524,644	1,524,644	---
17250 BASIC ALLOWANCE FOR SUBSISTENCE.....	198,005	198,005	---
17300 INCENTIVE PAYS.....	236,704	236,704	---
17350 SPECIAL PAYS.....	336,933	326,933	-10,000
17400 ALLOWANCES.....	112,425	112,425	---
17450 SEPARATION PAY	48,922	48,922	---
17500 SOCIAL SECURITY TAX.....	379,552	379,552	---
17550 TOTAL, BUDGET ACTIVITY 1.....	9,270,488	9,260,488	-10,000
17600 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
17650 BASIC PAY.....	9,209,338	9,209,338	---
17700 RETIRED PAY ACCRUAL.....	2,617,286	2,617,286	---
17720 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	100,601	100,601	---
17750 BASIC ALLOWANCE FOR HOUSING.....	3,739,482	3,739,482	---
17800 INCENTIVE PAYS.....	40,719	40,719	---
17850 SPECIAL PAYS.....	481,217	481,217	---
17900 ALLOWANCES.....	530,970	530,970	---
17950 SEPARATION PAY.....	130,904	130,904	---
18000 SOCIAL SECURITY TAX	704,515	704,515	---
18050 TOTAL, BUDGET ACTIVITY 2.....	17,555,032	17,555,032	---
18100 ACTIVITY 3: PAY AND ALLOWANCES OF CADETS			
18150 ACADEMY CADETS.....	78,280	78,280	---
18200 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
18250 BASIC ALLOWANCE FOR SUBSISTENCE.....	1,029,962	1,029,962	---
18300 SUBSISTENCE-IN-KIND.....	136,688	136,688	---
18350 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	9	9	---
18400 TOTAL, BUDGET ACTIVITY 4.....	1,166,659	1,166,659	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
18450 ACTIVITY 5: PERMANENT CHANGE OF STATION			
18500 ACCESSION TRAVEL.....	106,749	106,749	---
18550 TRAINING TRAVEL.....	69,348	69,348	---
18600 OPERATIONAL TRAVEL	280,290	280,290	---
18650 ROTATIONAL TRAVEL	572,460	572,460	---
18700 SEPARATION TRAVEL.....	159,066	159,066	---
18750 TRAVEL OF ORGANIZED UNITS.....	7,422	7,422	---
18800 NON-TEMPORARY STORAGE.....	26,779	26,779	---
18850 TEMPORARY LODGING EXPENSE.....	35,420	35,420	---
18950 TOTAL, BUDGET ACTIVITY 5.....	1,257,534	1,257,534	---
19000 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
19050 APPREHENSION OF MILITARY DESERTERS.....	16	16	---
19100 INTEREST ON UNIFORMED SERVICES SAVINGS.....	2,691	2,691	---
19150 DEATH GRATUITIES.....	14,500	14,500	---
19200 UNEMPLOYMENT BENEFITS.....	33,916	33,916	---
19300 EDUCATION BENEFITS.....	75	75	---
19350 ADOPTION EXPENSES.....	460	460	---
19400 TRANSPORTATION SUBSIDY.....	4,841	4,841	---
19450 PARTIAL DISLOCATION ALLOWANCE.....	421	421	---
19550 RESERVE OFFICERS TRAINING CORPS (ROTC).....	29,557	29,557	---
19600 JUNIOR ROTC.....	18,530	18,530	---
19650 TOTAL, BUDGET ACTIVITY 6.....	105,007	105,007	---
19700 LESS REIMBURSABLES.....	-470,260	-470,260	---
19750 UNDISTRIBUTED ADJUSTMENT.....	---	-214,420	-214,420
=====	=====	=====	=====
19800 TOTAL, ACTIVE FORCES, AIR FORCE.....	28,962,740	28,738,320	-224,420
21000 TOTAL, MILITARY PERSONNEL, AIR FORCE.....	28,962,740	28,738,320	-224,420
=====	=====	=====	=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
BA-1: PAY AND ALLOWANCES OF OFFICERS			
SPECIAL PAYS	336,933	326,933	-10,000
Excess growth		-10,000	
UNDISTRIBUTED ADJUSTMENT		-214,420	-214,420
Historical unobligated balances		-214,420	

CYBER AIR FORCE SPECIALTY CODE

While the Army and the Marine Corps have established cyber-unique military occupational specialties, the Air Force has not created a cyber-unique Air Force Specialty Code (AFSC) for officers. The Committee is aware that the Air Force has experienced challenges in its efforts to recruit and retain military personnel for its Cyber Mission Force and believes the establishment of a cyber AFSC could assist those efforts.

The Committee directs the Secretary of the Air Force to conduct a review of the establishment of a cyber-unique AFSC, including if such a specialty code could help recruit and retain cyber military personnel. The Committee directs the Secretary of the Air Force to provide a report to the congressional defense committees on the results of this review and its findings not later than 90 days after the enactment of this Act.

RESERVE PERSONNEL, ARMY

Fiscal year 2017 appropriation	\$4,524,863,000
Fiscal year 2018 budget request	4,804,628,000
Committee recommendation	4,721,128,000
Change from budget request	–83,500,000

The Committee recommends an appropriation of \$4,721,128,000 for Reserve Personnel, Army which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
23000 RESERVE PERSONNEL, ARMY			
23050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
23100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	1,642,326	1,627,326	-15,000
23150 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	42,649	42,649	---
23200 PAY GROUP F TRAINING (RECRUITS).....	256,000	248,500	-7,500
23250 PAY GROUP P TRAINING (PIPELINE RECRUITS).....	13,204	13,204	---
23300 MOBILIZATION TRAINING	332	332	---
23350 SCHOOL TRAINING.....	243,143	238,143	-5,000
23400 SPECIAL TRAINING.....	264,269	264,269	---
23450 ADMINISTRATION AND SUPPORT.....	2,170,749	2,170,749	---
23470 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	19,894	19,894	---
23500 EDUCATION BENEFITS.....	32,688	32,688	---
23550 HEALTH PROFESSION SCHOLARSHIP	63,577	63,577	---
23600 OTHER PROGRAMS	55,797	55,797	---
23650 TOTAL, BUDGET ACTIVITY 1.....	4,804,628	4,777,128	-27,500
23800 UNDISTRIBUTED ADJUSTMENT.....	---	-56,000	-56,000
24000 TOTAL RESERVE PERSONNEL, ARMY.....	4,804,628	4,721,128	-83,500

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
BA-1: RESERVE COMPONENT TRAINING AND SUPPORT			
PAY GROUP A TRAINING	1,642,326	1,627,326	-15,000
Excess growth		-15,000	
PAY GROUP F TRAINING (RECRUITS)	256,000	248,500	-7,500
Excess growth		-7,500	
SCHOOL TRAINING	243,143	238,143	-5,000
Excess growth		-5,000	
UNDISTRIBUTED ADJUSTMENT		-56,000	-56,000
Historical unobligated balances		-56,000	

RESERVE PERSONNEL, NAVY

Fiscal year 2017 appropriation	\$1,921,045,000
Fiscal year 2018 budget request	2,000,362,000
Committee recommendation	1,987,662,000
Change from budget request	- 12,700,000

The Committee recommends an appropriation of \$1,987,662,000 for Reserve Personnel, Navy which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
26000 RESERVE PERSONNEL, NAVY			
26050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
26100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	671,515	671,515	---
26150 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	7,972	7,972	---
26200 PAY GROUP F TRAINING (RECRUITS).....	62,459	62,459	---
26250 MOBILIZATION TRAINING.....	10,029	10,029	---
26300 SCHOOL TRAINING.....	52,423	52,423	---
26350 SPECIAL TRAINING.....	107,811	107,811	---
26400 ADMINISTRATION AND SUPPORT.....	1,026,549	1,026,549	---
26420 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	7,802	7,802	---
26450 EDUCATION BENEFITS.....	77	77	---
26500 HEALTH PROFESSION SCHOLARSHIP.....	53,725	53,725	---
26550 TOTAL, BUDGET ACTIVITY 1.....	2,000,362	2,000,362	---
26600 UNDISTRIBUTED ADJUSTMENT.....	---	-12,700	-12,700
27000 TOTAL, RESERVE PERSONNEL, NAVY.....	2,000,362	1,987,662	-12,700
	=====	=====	=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		-12,700	-12,700
Historical unobligated balances		-12,700	

RESERVE PERSONNEL, MARINE CORPS

Fiscal year 2017 appropriation	\$744,795,000
Fiscal year 2018 budget request	766,703,000
Committee recommendation	762,793,000
Change from budget request	– 3,910,000

The Committee recommends an appropriation of \$762,793,000 for Reserve Personnel, Marine Corps which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
28000 RESERVE PERSONNEL, MARINE CORPS			
28050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
28100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	277,010	277,010	---
28150 PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY).....	41,817	41,817	---
28200 PAY GROUP F TRAINING (RECRUITS).....	126,184	126,184	---
28300 MOBILIZATION TRAINING.....	1,969	1,969	---
28350 SCHOOL TRAINING.....	25,294	25,294	---
28400 SPECIAL TRAINING.....	39,809	39,809	---
28450 ADMINISTRATION AND SUPPORT.....	239,298	239,298	---
28470 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	2,640	2,640	---
28500 PLATOON LEADER CLASS.....	8,828	8,828	---
28550 EDUCATION BENEFITS.....	3,854	3,854	---
28600 TOTAL, BUDGET ACTIVITY 1.....	766,703	766,703	---
28700 UNDISTRIBUTED ADJUSTMENT.....	---	-3,910	-3,910
29000 TOTAL, RESERVE PERSONNEL, MARINE CORPS.....	766,703	762,793	-3,910
	=====	=====	=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		-3,910	-3,910
Historical unobligated balances		-3,910	

RESERVE PERSONNEL, AIR FORCE

Fiscal year 2017 appropriation	\$1,725,526,000
Fiscal year 2018 budget request	1,824,334,000
Committee recommendation	1,808,434,000
Change from budget request	- 15,900,000

The Committee recommends an appropriation of \$1,808,434,000 for Reserve Personnel, Air Force which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
30000 RESERVE PERSONNEL, AIR FORCE			
30050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
30100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	700,605	700,605	---
30150 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	100,151	100,151	---
30200 PAY GROUP F TRAINING (RECRUITS).....	58,268	58,268	---
30250 PAY GROUP P TRAINING (PIPELINE RECRUITS).....	2,390	2,390	---
30300 MOBILIZATION TRAINING.....	709	709	---
30350 SCHOOL TRAINING.....	156,088	156,088	---
30400 SPECIAL TRAINING.....	262,850	262,850	---
30450 ADMINISTRATION AND SUPPORT.....	465,255	465,255	---
30470 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	5,304	5,304	---
30500 EDUCATION BENEFITS.....	16,322	16,322	---
30550 HEALTH PROFESSION SCHOLARSHIP.....	53,326	53,326	---
30600 OTHER PROGRAMS (ADMIN & SUPPORT).....	3,066	3,066	---
30650 TOTAL, BUDGET ACTIVITY 1.....	1,824,334	1,824,334	---
30750 UNDISTRIBUTED ADJUSTMENT.....	---	-15,900	-15,900
31000 TOTAL, RESERVE PERSONNEL, AIR FORCE.....	1,824,334	1,808,434	-15,900

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		-15,900	-15,900
Historical unobligated balances		-15,900	

NATIONAL GUARD PERSONNEL, ARMY

Fiscal year 2017 appropriation	\$7,899,423,000
Fiscal year 2018 budget request	8,379,376,000
Committee recommendation	8,252,426,000
Change from budget request	— 126,950,000

The Committee recommends an appropriation of \$8,252,426,000 for National Guard Personnel, Army which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
32000 NATIONAL GUARD PERSONNEL, ARMY			
32050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
32100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	2,623,904	2,623,904	---
32150 PAY GROUP F TRAINING (RECRUITS).....	589,009	589,009	---
32200 PAY GROUP P TRAINING (PIPELINE RECRUITS).....	46,426	46,426	---
32250 SCHOOL TRAINING.....	570,713	560,713	-10,000
32300 SPECIAL TRAINING.....	697,050	707,100	+10,050
32350 ADMINISTRATION AND SUPPORT.....	3,739,553	3,739,553	---
32370 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	32,437	32,437	---
32400 EDUCATION BENEFITS.....	80,284	80,284	---
32450 TOTAL, BUDGET ACTIVITY 1.....	8,379,376	8,379,426	+50
32600 UNDISTRIBUTED ADJUSTMENT.....	---	-127,000	-127,000
33000 TOTAL, NATIONAL GUARD PERSONNEL, ARMY.....	8,379,376	8,252,426	-126,950
	=====	=====	=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
BA-1: RESERVE COMPONENT TRAINING AND SUPPORT			
SCHOOL TRAINING	570,713	560,713	-10,000
Excess growth		-10,000	
SPECIAL TRAINING	697,050	707,100	10,050
Excess growth		-5,000	
Program increase - State Partnership Program		3,750	
Cyber protection teams		1,300	
Operational support on southwest border		10,000	
UNDISTRIBUTED ADJUSTMENT		-127,000	-127,000
Historical unobligated balances		-127,000	

NATIONAL GUARD PERSONNEL, AIR FORCE

Fiscal year 2017 appropriation	\$3,283,982,000
Fiscal year 2018 budget request	3,413,187,000
Committee recommendation	3,406,137,000
Change from budget request	– 7,050,000

The Committee recommends an appropriation of \$3,406,137,000 for National Guard Personnel, Air Force which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
34000 NATIONAL GUARD PERSONNEL, AIR FORCE			
34050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
34100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	980,536	980,536	---
34150 PAY GROUP F TRAINING (RECRUITS).....	88,496	88,496	---
34200 PAY GROUP P TRAINING (PIPELINE RECRUITS).....	8,684	8,684	---
34250 SCHOOL TRAINING.....	343,710	343,710	---
34300 SPECIAL TRAINING.....	175,589	177,539	+1,950
34350 ADMINISTRATION AND SUPPORT.....	1,782,793	1,782,793	---
34370 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	13,814	13,814	---
34400 EDUCATION BENEFITS.....	19,565	19,565	---
34450 TOTAL, BUDGET ACTIVITY 1.....	3,413,187	3,415,137	+1,950
34700 UNDISTRIBUTED ADJUSTMENT.....	---	-9,000	-9,000
35000 TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE.....	3,413,187	3,406,137	-7,050

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
BA-1: RESERVE COMPONENT TRAINING AND SUPPORT			
SPECIAL TRAINING	175,589	177,539	1,950
Program increase - State Partnership Program		1,950	
UNDISTRIBUTED ADJUSTMENT		-9,000	-9,000
Historical unobligated balances		-9,000	

TITLE II

OPERATION AND MAINTENANCE

The fiscal year 2018 Department of Defense operation and maintenance budget request totals \$188,570,298,000. The Committee recommendation provides \$191,654,065,000 for the operation and maintenance accounts. The table below summarizes the Committee recommendations:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST

RECAPITULATION			
OPERATION & MAINTENANCE, ARMY.....	38,945,417	38,483,846	-461,571
OPERATION & MAINTENANCE, NAVY.....	45,439,407	45,980,133	+540,726
OPERATION & MAINTENANCE, MARINE CORPS.....	6,933,408	6,885,884	-47,524
OPERATION & MAINTENANCE, AIR FORCE.....	39,429,232	38,592,745	-836,487
OPERATION & MAINTENANCE, DEFENSE-WIDE.....	34,585,817	33,771,769	-814,048
OPERATION & MAINTENANCE, ARMY RESERVE.....	2,906,842	2,870,163	-36,679
OPERATION & MAINTENANCE, NAVY RESERVE.....	1,084,007	1,038,507	-45,500
OPERATION & MAINTENANCE, MARINE CORPS RESERVE.....	278,837	282,337	+3,500
OPERATION & MAINTENANCE, AIR FORCE RESERVE.....	3,267,507	3,233,745	-33,762
OPERATION & MAINTENANCE, ARMY NATIONAL GUARD.....	7,307,170	7,275,820	-31,350
OPERATION & MAINTENANCE, AIR NATIONAL GUARD.....	6,939,968	6,735,930	-204,038
UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES.....	14,538	14,538	---
ENVIRONMENTAL RESTORATION, ARMY.....	215,809	215,809	---
ENVIRONMENTAL RESTORATION, NAVY.....	281,415	288,915	+7,500
ENVIRONMENTAL RESTORATION, AIR FORCE.....	293,749	308,749	+15,000
ENVIRONMENTAL RESTORATION, DEFENSE-WIDE.....	9,002	9,002	---
ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES..	208,673	233,673	+25,000
OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID.....	104,900	107,900	+3,000
COOPERATIVE THREAT REDUCTION ACCOUNT.....	324,600	324,600	---
OPERATION & MAINTENANCE, NATIONAL DEFENSE RESTORATION FUND.....	---	5,000,000	+5,000,000
GRAND TOTAL, OPERATION & MAINTENANCE.....	188,570,298	191,654,065	+3,083,767
	=====	=====	=====

REPROGRAMMING GUIDANCE FOR OPERATION AND MAINTENANCE
ACCOUNTS

The Committee directs the Secretary of Defense to submit the Base for Reprogramming (DD Form 1414) for each of the fiscal year 2018 appropriation accounts not later than 60 days after the enactment of this Act. The Secretary of Defense is prohibited from executing any reprogramming or transfer of funds for any purpose other than originally appropriated until the aforementioned report is submitted to the House and Senate Appropriations Committees.

The Committee directs the Secretary of Defense to use the normal prior approval reprogramming procedures to transfer funds in the Services' operation and maintenance accounts between O-1 budget activities in excess of \$15,000,000. In addition, the Secretary of Defense should follow prior approval reprogramming procedures for transfers in excess of \$15,000,000 out of the following budget sub-activities:

Army:

- Maneuver units
- Modular support brigades
- Aviation assets
- Land forces operations support
- Force readiness operations support
- Land forces depot maintenance
- Base operations support
- Facilities sustainment, restoration, and modernization
- Specialized skill training

Navy:

- Mission and other flight operations
- Fleet air training
- Aircraft depot maintenance
- Mission and other ship operations
- Ship depot maintenance
- Facilities sustainment, restoration, and modernization

Marine Corps:

- Depot maintenance
- Facilities sustainment, restoration, and modernization

Air Force:

- Primary combat forces
- Combat enhancement forces
- Depot maintenance
- Facilities sustainment, restoration, and modernization
- Contractor logistics support and system support
- Flying hour program

Air Force Reserve:

- Depot maintenance

Air National Guard:

- Depot maintenance

Additionally, the Secretary of Defense should follow prior approval reprogramming procedures for transfers in excess of \$15,000,000 into the following budget sub-activity:

Operation and Maintenance, Army National Guard:

- Other personnel support/recruiting and advertising

With respect to Operation and Maintenance, Defense-Wide, proposed transfers of funds to or from the levels specified for defense agencies in excess of \$15,000,000 shall be subject to prior approval reprogramming procedures.

Funding for Special Operations Command (SOCOM) operation and maintenance is requested in three SOCOM-only sub-activity groups in three budget activity groups as part of the Operation and Maintenance, Defense-Wide account. SOCOM has further identified sub-categories under each sub-activity group which separates requested funding by activity or function. While this may increase visibility into the budget request, the Committee remains concerned that execution of appropriated funding lacks transparency. Therefore, the Committee prohibits SOCOM from executing any above threshold or below threshold reprogramming, transfer of funds, or obligation of funds for any purpose other than originally appropriated in the 1PL2 sub-activity group in budget activity 1 and the 3EV7 sub-activity group in budget activity 3 until the Secretary of Defense submits to the House and Senate Appropriations Committees a baseline for each of the sub-categories for the sub-activity groups listed below.

Further, for funds appropriated to SOCOM, the Committee directs the Secretary of Defense to follow prior approval reprogramming procedures for transfers in excess of \$15,000,000 into or out of the following budget sub-activities:

BA-01 Operating Forces

- Base support
- Combat development activities
- Communications
- Flight operations
- Force related training
- Intelligence
- Maintenance
- Management/operational headquarters
- Operational support
- Other operations
- Ship/boat operations

BA-03:

- Professional development
- Specialized skill training

SPECIAL OPERATIONS COMMAND BUDGET EXECUTION

The Committee is concerned about the underexecution of appropriated operation and maintenance funds for the Special Operations Command. The Committee directs the Secretary of Defense to submit quarterly execution reports to the congressional defense committees not later than 30 days after the end of each quarter. The reporting shall be at the SOCOM-identified sub-categories under each sub-activity group.

OPERATION AND MAINTENANCE SPECIAL INTEREST ITEMS

Items for which additional funds have been provided or have been specifically reduced as shown in the project level tables or in paragraphs using the phrase “only for” or “only to” in this report are congressional special interest items for the purpose of the Base

for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount as specifically addressed in the Committee report. Below threshold reprogrammings may not be used to either restore or reduce funding from congressional special interest items as identified on the DD Form 1414.

INNOVATIVE READINESS TRAINING PROGRAM

The Committee supports innovative readiness training across the Services and encourages the active and reserve components to seek additional opportunities to increase military readiness while simultaneously providing quality services to communities throughout the United States. To better realize the full potential of innovative readiness training, the Committee encourages the Service Secretaries, in conjunction with the Deputy Assistant Secretary of Defense (Reserve Integration), to streamline the application process and to ensure timely consideration of requests for partnerships.

ONLINE EDUCATION

The Committee recognizes the importance of education programs, including online programs, offered to servicemembers and their families. Furthering education by providing servicemembers access to these programs helps improve readiness across the Department of Defense. The Committee encourages the Secretary of Defense to continue supporting the use of online education programs.

BASE SUPPLY CENTERS

The Committee recognizes the important role disabled persons play at base supply centers on military installations. The Committee directs the Under Secretary of Defense (Comptroller) to submit a report to the House and Senate Appropriations Committees not later than 180 days after the enactment of this Act that describes the current funding profile for base supply centers across the Department of Defense and the total cost associated with the supplies and services purchased across the Department in fiscal years 2016 and 2017 from nonprofit agencies predominantly employing people with disabilities.

DEFENSE LANGUAGE INSTITUTE

The Committee recognizes that the Defense Language Institute Foreign Language Center's (DLIFLC) role as the Department of Defense's primary foreign language educator is vital to national security. The Committee encourages the Secretary of Defense to ensure that the operational language needs for both the combatant commands and the intelligence community are fully addressed by ensuring that all DLIFLC stakeholders are involved in resourcing decisions.

The Committee directs the Under Secretary of Defense (Policy) to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act that details the total funds appropriated for DLIFLC for fiscal years 2015, 2016, and 2017 and describes how those funds were obligated each fiscal year.

Furthermore, the Committee encourages the Director of the DLIFLC to find ways to work collaboratively with Hispanic Serving Institutions, Historically Black Colleges and Universities, and other Minority Serving Institutions.

NATIONAL SECURITY EDUCATION PROGRAM

The Committee recognizes that, in partnership with universities across the country, the National Security Education Program provides training for servicemembers and civilians in languages and cultures critical to national security. The Language Flagship Program has successfully recruited language proficient students by utilizing partnerships dedicated to creating pathways into the program. The Committee encourages the Secretary of Defense to continue its support for these programs to ensure warfighters receive the language and culture training needed to effectively complete missions. Furthermore, the Committee encourages the Director of the National Security Education Program to find ways to work collaboratively with Hispanic Serving Institutions, Historically Black Colleges and Universities, and other Minority Serving Institutions to ensure a diversity of analysts with proficiency in critical languages.

MAINTENANCE OF REAL PROPERTY

The Committee directs the Under Secretary of Defense (Policy), in conjunction with the Service Secretaries, to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act that outlines the total real property with a zero percent utilization rate of five years or more currently accounted for in the Department of Defense real property inventory database and assesses the feasibility of conveying or selling this property.

TUITION ASSISTANCE AND MILITARY SPOUSE CAREER ADVANCEMENT

The Committee understands that there have been instances in which Department of Defense tuition assistance funds and military spouse career advancement accounts funding have been used by servicemembers and their spouses to enroll in educational institutions that may not award degrees which afford servicemembers and their spouses the opportunities they intended to attain, thereby potentially wasting funds within the account. Therefore, the Committee directs the Under Secretary of Defense (Policy), in conjunction with the Service Secretaries, to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act that describes the steps the Department is taking to ensure that servicemembers are given appropriate information about educational institutions, including for-profit colleges, with graduation rates significantly below the national average.

CYBERSPACE OPERATIONS

The Committee continues to support efforts in the Department of Defense and the Intelligence Community to partner with small businesses through the Small Business Innovation Research Program and is aware of Department-wide efforts to provide mentoring

and outreach services for small businesses competing for contracts, with a focus on minority-owned and HUBZone businesses.

The Committee also encourages initiatives to specifically reach out to minority-serving public institutions, including Hispanic Serving Institutions and Historically Black Colleges and Universities, to build a pipeline for scientists and engineers from minority communities to enter the cyber workforce upon graduation. Workforce training for cybersecurity professionals is imperative and the Committee encourages the Secretary of Defense to support servicemembers as they transition from the military into cybersecurity careers in the private sector.

Additionally, with emerging cyber threats in the Asia Pacific region, the Committee encourages the Secretary of Defense to work with the Director of the National Security Agency and the Directors of other federal agencies, universities, and private sector leaders to increase cybersecurity operations, training, and education focused on threats to the security in the Asia Pacific region.

The Committee also encourages current efforts in the Department of Defense, through its Cyberspace Workforce Framework, to create standardized work roles for its cybersecurity workforce and baselines for knowledge, skills, and abilities and encourages the Secretary of Defense to continue to inform the congressional defense committees on the implementation of the Framework and any challenges associated with its implementation.

JOINT REGIONAL SECURITY STACKS

The Committee recognizes the Defense Information Systems Agency's (DISA) ongoing efforts to protect sensitive government data from unauthorized access and disclosure. Deployment of DISA's Joint Regional Security Stacks will improve the security, effectiveness, and efficiency of the Department of Defense Information Network. The Committee provides additional funding to support the Joint Regional Security Stacks and supports DISA's efforts to continue to investigate and test capabilities to protect the classified and unclassified Department of Defense Information Network against insider threats.

ENERGY SECURITY OF OVERSEAS MILITARY INSTALLATIONS

The Committee supports efforts to defend against potential energy supply disruptions, particularly at overseas military locations. The Committee believes that the Department of Defense must maintain the ability to sustain operations in the event that energy supply disruptions occur, particularly at facilities that are reliant on foreign-sourced energy.

The Committee is concerned about potential actions by foreign countries, including the Russian Federation, to use the control of energy supply lines in a hostile or weaponized manner against the Services or allied forces. The Committee recognizes that a number of European countries that host permanent and rotational armed forces rely extensively on natural gas and oil from the Russian Federation. The Committee supports measures by the Department to maintain a resilient defense posture overseas, including in the United States European Command area of responsibility, by establishing and maintaining diversity in its military installation energy

supplies through the diversification of fuel sources and the consideration of domestically sourced energy sources.

The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act on the potential vulnerabilities to energy supply disruptions at overseas locations hosting permanent and rotational United States armed forces, including those providing medical care, considerations currently being given to utilize energy sources from the United States at overseas military installations, including medical centers on military installations, and efforts the Department is currently taking to mitigate the risk of potential energy supply disruptions at overseas military installations, including considerations the Department is taking to mitigate such risks when reviewing energy supply options at such installations.

OPERATION AND MAINTENANCE, ARMY

Fiscal year 2017 appropriation	\$32,738,173,000
Fiscal year 2018 budget request	38,945,417,000
Committee recommendation	38,483,846,000
Change from budget request	−461,571,000

The Committee recommends an appropriation of \$38,483,846,000 for Operation and Maintenance, Army which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, ARMY			
BUDGET ACTIVITY 1: OPERATING FORCES			
10 LAND FORCES MANEUVER UNITS.....	1,455,366	1,449,942	-5,424
20 MODULAR SUPPORT BRIGADES.....	105,147	105,147	---
30 ECHELONS ABOVE BRIGADES.....	604,117	601,607	-2,510
40 THEATER LEVEL ASSETS.....	793,217	783,217	-10,000
50 LAND FORCES OPERATIONS SUPPORT.....	1,169,478	1,169,478	---
60 AVIATION ASSETS.....	1,496,503	1,443,592	-52,911
LAND FORCES READINESS			
70 FORCE READINESS OPERATIONS SUPPORT.....	3,675,901	3,626,309	-49,592
80 LAND FORCES SYSTEMS READINESS.....	466,720	466,720	---
90 LAND FORCES DEPOT MAINTENANCE.....	1,443,516	1,443,516	---
LAND FORCES READINESS SUPPORT			
100 BASE OPERATIONS SUPPORT.....	8,080,357	8,026,498	-53,859
110 FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION....	3,401,155	3,521,155	+120,000
120 MANAGEMENT AND OPERATIONAL HEADQUARTERS.....	443,790	432,941	-10,849
COMBATANT COMMAND SUPPORT			
180 US AFRICA COMMAND.....	225,382	225,382	---
190 US EUROPEAN COMMAND.....	141,352	141,352	---
200 US SOUTHERN COMMAND.....	190,811	190,811	---
210 US FORCES KOREA.....	59,578	59,578	---
TOTAL, BUDGET ACTIVITY 1.....	23,752,390	23,687,245	-65,145
BUDGET ACTIVITY 2: MOBILIZATION			
MOBILITY OPERATIONS			
220 STRATEGIC MOBILITY.....	346,667	346,667	---
230 ARMY PREPOSITIONED STOCKS.....	422,108	422,108	---
240 INDUSTRIAL PREPAREDNESS.....	7,750	7,750	---
TOTAL, BUDGET ACTIVITY 2.....	776,525	776,525	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
250 ACCESSION TRAINING 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	---
BASIC SKILL AND ADVANCED TRAINING			
290 SPECIALIZED SKILL TRAINING.....	1,015,541	1,015,541	---
300 FLIGHT TRAINING.....	1,124,115	1,124,115	---
310 PROFESSIONAL DEVELOPMENT EDUCATION.....	220,688	211,284	-9,404
320 TRAINING SUPPORT.....	618,164	603,164	-15,000
RECRUITING AND OTHER TRAINING AND EDUCATION			
330 RECRUITING AND ADVERTISING.....	613,586	603,659	-9,927
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 OFFICERS TRAINING CORPS.....	176,116	176,116	---
TOTAL, BUDGET ACTIVITY 3.....	5,108,822	5,074,491	-34,331
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
LOGISTICS OPERATIONS			
390 SERVICEWIDE TRANSPORTATION.....	555,502	555,502	---
400 CENTRAL SUPPLY ACTIVITIES.....	894,208	894,208	---
410 LOGISTICS SUPPORT ACTIVITIES.....	715,462	680,462	-35,000
420 AMMUNITION MANAGEMENT.....	446,931	446,931	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
SERVICEWIDE SUPPORT			
430 ADMINISTRATION.....	493,616	493,616	---
440 SERVICEWIDE COMMUNICATIONS.....	2,084,922	2,084,922	---
450 MANPOWER MANAGEMENT.....	259,588	259,588	---
460 OTHER PERSONNEL SUPPORT.....	326,387	326,387	---
470 OTHER SERVICE SUPPORT.....	1,087,602	1,074,217	-13,385
480 ARMY CLAIMS ACTIVITIES.....	210,514	210,514	---
490 REAL ESTATE MANAGEMENT.....	243,584	242,314	-1,270
500 BASE OPERATIONS SUPPORT.....	284,592	284,592	---
SUPPORT OF OTHER NATIONS			
510 SUPPORT OF NATO OPERATIONS.....	415,694	415,694	---
520 MISC. SUPPORT OF OTHER NATIONS.....	46,856	46,856	---
OTHER PROGRAMS			
OTHER PROGRAMS.....	1,242,222	1,241,782	-440
TOTAL, BUDGET ACTIVITY 4.....	9,307,680	9,257,585	-50,095
EXCESS WORKING CAPITAL FUND CARRYOVER.....	---	-150,000	-150,000
OVERESTIMATION OF CIVILIAN FTE TARGETS.....	---	-35,000	-35,000
RESTORE READINESS.....	---	300,000	+300,000
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST	---	-427,000	-427,000
TOTAL, OPERATION AND MAINTENANCE, ARMY.....	38,945,417	38,483,846	-461,571

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
111 MANEUVER UNITS Program decrease not properly accounted	1,455,366	1,449,942 -5,424	-5,424
113 ECHELONS ABOVE BRIGADE Program decrease not properly accounted	604,117	601,607 -2,510	-2,510
114 THEATER LEVEL ASSETS Program decrease not properly accounted	793,217	783,217 -10,000	-10,000
116 AVIATION ASSETS Program decrease not properly accounted Unjustified program growth	1,496,503	1,443,592 -2,911 -50,000	-52,911
121 FORCE READINESS OPERATIONS SUPPORT Program decreases not properly accounted	3,675,901	3,626,309 -49,592	-49,592
131 BASE OPERATIONS SUPPORT Unjustified program growth - logistics operations Unjustified program growth - support programs	8,080,357	8,026,498 -16,181 -37,678	-53,859
132 FACILITIES SUSTAINMENT, RESTORATION AND MODERNIZATION Program increase	3,401,155	3,521,155 120,000	120,000
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS Program decrease not properly accounted	443,790	432,941 -10,849	-10,849
323 PROFESSIONAL DEVELOPMENT EDUCATION Program decrease not properly accounted Unjustified program growth	220,688	211,284 -2,000 -7,404	-9,404
324 TRAINING SUPPORT Program decrease not properly accounted	618,164	603,164 -15,000	-15,000
331 RECRUITING AND ADVERTISING Unjustified program growth	613,586	603,659 -9,927	-9,927
411 SECURITY PROGRAMS Classified adjustment	1,242,222	1,241,782 -440	-440
423 LOGISTIC SUPPORT ACTIVITIES Program decrease not properly accounted	715,462	680,462 -35,000	-35,000
435 OTHER SERVICE SUPPORT Unjustified program growth Program increase - Army support to Capitol 4th	1,087,602	1,074,217 -14,085 700	-13,385
437 REAL ESTATE MANAGEMENT Unjustified program growth	243,584	242,314 -1,270	-1,270

OPERATION AND MAINTENANCE, NAVY

Fiscal year 2017 appropriation	\$38,552,017,000
Fiscal year 2018 budget request	45,439,407,000
Committee recommendation	45,980,133,000
Change from budget request	+540,726,000

The Committee recommends an appropriation of \$45,980,133,000 for Operation and Maintenance, Navy which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, NAVY			
BUDGET ACTIVITY 1: OPERATING FORCES			
AIR OPERATIONS			
10 MISSION AND OTHER FLIGHT OPERATIONS.....	5,544,165	5,524,165	-20,000
20 FLEET AIR TRAINING.....	2,075,000	2,056,400	-18,600
30 AVIATION TECHNICAL DATA AND ENGINEERING SERVICES.....	46,801	46,801	---
40 AIR OPERATIONS AND SAFETY SUPPORT.....	119,624	119,624	---
50 AIR SYSTEMS SUPPORT.....	552,536	548,536	-4,000
60 AIRCRAFT DEPOT MAINTENANCE.....	1,088,482	1,071,482	-17,000
70 AIRCRAFT DEPOT OPERATIONS SUPPORT.....	40,584	40,584	---
80 AVIATION LOGISTICS.....	723,786	723,786	---
SHIP OPERATIONS			
90 MISSION AND OTHER SHIP OPERATIONS.....	4,067,334	4,067,334	---
100 SHIP OPERATIONS SUPPORT AND TRAINING.....	977,701	976,833	-868
110 SHIP DEPOT MAINTENANCE.....	7,165,858	7,175,358	+9,500
120 SHIP DEPOT OPERATIONS SUPPORT.....	2,193,851	2,193,851	---
COMBAT COMMUNICATIONS/SUPPORT			
130 COMBAT COMMUNICATIONS.....	1,288,094	1,288,094	---
150 SPACE SYSTEMS AND SURVEILLANCE.....	206,678	206,678	---
160 WARFARE TACTICS.....	621,581	586,851	-34,730
170 OPERATIONAL METEOROLOGY AND OCEANOGRAPHY.....	370,681	375,681	+5,000
180 COMBAT SUPPORT FORCES.....	1,437,966	1,433,966	-4,000
190 EQUIPMENT MAINTENANCE.....	162,705	162,705	---
210 COMBATANT COMMANDERS CORE OPERATIONS.....	65,108	64,886	-222
220 COMBATANT COMMANDERS DIRECT MISSION SUPPORT.....	86,892	86,892	---
230 MILITARY INFORMATION SUPPORT OPERATIONS.....	8,427	8,427	---
240 CYBERSPACE ACTIVITIES.....	385,212	385,212	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST

WEAPONS SUPPORT			
260 FLEET BALLISTIC MISSILE.....	1,278,456	1,278,456	---
280 WEAPONS MAINTENANCE.....	745,680	745,680	---
290 OTHER WEAPON SYSTEMS SUPPORT	380,016	380,016	---
BASE SUPPORT			
300 ENTERPRISE INFORMATION TECHNOLOGY.....	914,428	914,428	---
310 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	1,905,679	1,996,679	+91,000
320 BASE OPERATING SUPPORT.....	4,333,688	4,303,688	-30,000
TOTAL, BUDGET ACTIVITY 1.....	38,787,013	38,763,093	-23,920

BUDGET ACTIVITY 2: MOBILIZATION			
READY RESERVE AND PREPOSITIONING FORCES			
330 SHIP PREPOSITIONING AND SURGE.....	417,450	553,250	+135,800
340 READY RESERVE FORCE.....	---	289,255	+289,255
ACTIVATIONS/INACTIVATIONS			
360 SHIP ACTIVATIONS/INACTIVATIONS.....	198,341	198,341	---
MOBILIZATION PREPAREDNESS			
370 FLEET HOSPITAL PROGRAM.....	66,849	121,302	+54,453
390 COAST GUARD SUPPORT.....	21,870	21,870	---
TOTAL, BUDGET ACTIVITY 2.....	704,510	1,184,018	+479,508

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
400 ACCESSION TRAINING OFFICER ACQUISITION.....	143,924	142,663	-1,261
410 RECRUIT TRAINING.....	8,975	8,975	---
420 RESERVE OFFICERS TRAINING CORPS.....	144,708	144,708	---
BASIC SKILLS AND ADVANCED TRAINING			
430 SPECIALIZED SKILL TRAINING.....	812,708	773,308	-39,400
450 PROFESSIONAL DEVELOPMENT EDUCATION.....	180,448	180,448	---
460 TRAINING SUPPORT.....	234,596	234,596	---
RECRUITING, AND OTHER TRAINING AND EDUCATION			
470 RECRUITING AND ADVERTISING.....	177,517	181,287	+3,770
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	---
TOTAL, BUDGET ACTIVITY 3.....	1,931,508	1,894,617	-36,891
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
SERVICEWIDE SUPPORT			
510 ADMINISTRATION.....	1,135,429	1,102,872	-32,557
530 CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT.....	149,365	149,365	---
540 MILITARY MANPOWER AND PERSONNEL MANAGEMENT.....	386,749	382,749	-4,000
LOGISTICS OPERATIONS AND TECHNICAL SUPPORT			
590 SERVICEWIDE TRANSPORTATION.....	165,301	165,301	---
610 PLANNING, ENGINEERING AND DESIGN.....	311,616	311,616	---
620 ACQUISITION AND PROGRAM MANAGEMENT.....	665,580	665,580	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
660 SECURITY PROGRAMS			
NAVAL INVESTIGATIVE SERVICE.....	659,143	659,143	---
OTHER PROGRAMS			
OTHER PROGRAMS.....	543,193	537,779	-5,414
TOTAL, BUDGET ACTIVITY 4.....	4,016,376	3,974,405	-41,971
RESTORE READINESS.....	---	300,000	+300,000
OVERESTIMATION OF CIVILIAN FTE TARGETS	---	-50,000	-50,000
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST	---	-86,000	-86,000
TOTAL, OPERATION AND MAINTENANCE, NAVY.....	45,439,407	45,980,133	+540,726

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1A1A MISSION AND OTHER FLIGHT OPERATIONS	5,544,165	5,524,165	-20,000
Program decrease not properly accounted		-20,000	
1A2A FLEET AIR TRAINING	2,075,000	2,056,400	-18,600
Program decrease not properly accounted		-18,600	
1A4N AIR SYSTEMS SUPPORT	552,536	548,536	-4,000
Program decrease not properly accounted		-4,000	
1A5A AIRCRAFT DEPOT MAINTENANCE	1,088,482	1,071,482	-17,000
Program decrease not properly accounted		-17,000	
1B2B SHIP OPERATIONS SUPPORT AND TRAINING	977,701	976,833	-868
Unjustified growth		-868	
1B4B SHIP DEPOT MAINTENANCE	7,165,858	7,175,358	9,500
Program increase - dry dock capabilities		7,500	
Program increase - ship repair technologies		2,000	
1C4C WARFARE TACTICS	621,581	586,851	-34,730
Unjustified program growth		-34,730	
1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	370,681	375,681	5,000
Program increase - hydrographic survey launches		5,000	
1C6C COMBAT SUPPORT FORCES	1,437,966	1,433,966	-4,000
Program decrease not properly accounted		-4,000	
1CCH COMBATANT COMMANDERS CORE OPERATIONS	65,108	64,886	-222
Unjustified program growth		-222	
BSM1 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	1,905,679	1,996,679	91,000
Unjustified program growth		-29,000	
Program increase		120,000	
BSS1 BASE OPERATING SUPPORT	4,333,688	4,303,688	-30,000
Program decreases not properly accounted		-30,000	
2A1F SHIP PREPOSITIONING AND SURGE	417,450	553,250	135,800
LMSR maintenance - transfer from title V		135,800	
Mobilization alterations - transfer from title V		11,197	
202F READY RESERVE FORCE	0	289,255	289,255
Ready reserve force - transfer from title V		289,255	
2C1H EXPEDITIONARY HEALTH SERVICE SYSTEMS	66,849	121,302	54,453
T-AH maintenance - transfer from title V		54,453	
3A1J OFFICER ACQUISITION	143,924	142,663	-1,261
Unjustified program growth		-1,261	

O-1	Budget Request	Committee Recommended	Change from Request
3B1K SPECIALIZED SKILL TRAINING	812,708	773,308	-39,400
Unjustified program growth		-39,400	
3C1L RECRUITING AND ADVERTISING	177,517	181,287	3,770
Program decrease not properly accounted		-1,230	
Program increase - Naval Sea Cadet Corps		5,000	
4A1M ADMINISTRATION	1,135,429	1,102,872	-32,557
Program decrease not properly accounted		-24,000	
Unjustified program growth		-4,719	
Price growth accounted for as program growth		-3,838	
4A4M MILITARY MANPOWER AND PERSONNEL	386,749	382,749	-4,000
Program decrease not properly accounted		-4,000	
9999 OTHER PROGRAMS	543,193	537,779	-5,414
Classified adjustment		-5,414	
OVERESTIMATION OF CIVILIAN FTE TARGETS		-50,000	-50,000
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST		-86,000	-86,000
RESTORE READINESS		300,000	300,000

AIRCRAFT DEPOT MAINTENANCE

The Navy and Marine Corps have a significant backlog of F/A-18 strike fighters that have aged prematurely due to prolonged combat operations. The Committee recognizes that the Navy is endeavoring to reset these aircraft to extend their service life but understands the combined reset and life extension effort has overtaxed the existing government depots. The recommendation includes additional funding to fill shortfalls, which includes aircraft depot maintenance.

The Committee believes that it is necessary to maximize depot maintenance to enable more aircraft to be placed in-work and restored to flyable assets. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act that describes its plan to utilize resources provided to address the maintenance backlog using the capacity of the industrial base.

PUBLIC SHIPYARDS

Norfolk Naval Shipyard, Pearl Harbor Naval Shipyard, Portsmouth Naval Shipyard, and Puget Sound Naval Shipyard play a vital role in the Navy's success, conducting the depot maintenance and repairs that are crucial for the Navy to operate safely at sea. The Navy's public shipyards require facility improvements and modernization to ensure continuity of performance for fleet maintenance schedules. Facility upgrades and modernization will increase safety for federal employees and contribute to the readiness of the fleet. As such, the Committee recommendation includes additional funding for the Navy's Facilities Sustainment, Restoration and Modernization sub-activity.

FACILITIES SUSTAINMENT, RESTORATION AND MODERNIZATION

The Committee is aware that Navy Facilities Sustainment, Restoration and Modernization (FSRM) has been funded below its sustainment model for multiple fiscal years. The Committee recommendation includes additional funding again in fiscal year 2018 for the Navy to better address FSRM requirements and more effectively meet the Secretary of Defense funding sustainment model. The Committee understands that the Navy has a substantial inventory of unoccupied housing units across its installations that will continue to be uninhabitable until repairs are made to these units. The Committee encourages the Secretary of the Navy to take efforts to address the current inventory of unoccupied housing units.

OPERATION AND MAINTENANCE, MARINE CORPS

Fiscal year 2017 appropriation	\$5,676,152,000
Fiscal year 2018 budget request	6,933,408,000
Committee recommendation	6,885,884,000
Change from budget request	-47,524,000

The Committee recommends an appropriation of \$6,885,884,000 for Operation and Maintenance, Marine Corps which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
OPERATION AND MAINTENANCE, MARINE CORPS				
BUDGET ACTIVITY 1: OPERATING FORCES				
10	EXPEDITIONARY FORCES OPERATIONAL FORCES.....	967,949	981,509	+13,560
20	FIELD LOGISTICS.....	1,065,090	985,904	-79,186
30	DEPOT MAINTENANCE.....	286,635	286,635	---
40	USMC PREPOSITIONING MARITIME PREPOSITIONING.....	85,577	85,577	---
50	COMBAT OPERATIONS/SUPPORT CYBERSPACE ACTIVITIES.....	181,518	181,518	---
60	BASE SUPPORT FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	785,264	825,264	+40,000
70	BASE OPERATING SUPPORT.....	2,196,252	2,193,252	-3,000
	TOTAL, BUDGET ACTIVITY 1.....	5,568,285	5,539,659	-28,626
BUDGET ACTIVITY 3: TRAINING AND RECRUITING				
80	ACCESSION TRAINING RECRUIT TRAINING.....	16,163	16,163	---
90	OFFICER ACQUISITION.....	1,154	1,154	---
100	BASIC SKILLS AND ADVANCED TRAINING SPECIALIZED SKILLS TRAINING.....	100,398	100,398	---
110	PROFESSIONAL DEVELOPMENT EDUCATION.....	46,474	46,474	---
120	TRAINING SUPPORT.....	405,039	401,224	-3,815
130	RECRUITING AND OTHER TRAINING EDUCATION RECRUITING AND ADVERTISING.....	201,601	191,476	-10,125
140	OFF-DUTY AND VOLUNTARY EDUCATION.....	32,045	32,045	---
150	JUNIOR ROTC.....	24,394	24,394	---
	TOTAL, BUDGET ACTIVITY 3.....	827,268	813,328	-13,940

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST

BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
SERVICEWIDE SUPPORT			
160 SERVICEWIDE TRANSPORTATION.....	28,827	28,827	---
170 ADMINISTRATION.....	378,683	363,725	-14,958
190 ACQUISITION AND PROGRAM MANAGEMENT.....	77,684	77,684	---
SECURITY PROGRAMS			
SECURITY PROGRAMS.....	52,661	52,661	---

TOTAL, BUDGET ACTIVITY 4.....	537,855	522,897	-14,958
RESTORE READINESS.....	---	54,000	+54,000
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST	---	-44,000	-44,000

TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS.....	6,933,408	6,885,884	-47,524
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EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1A1A OPERATIONAL FORCES	967,949	981,509	13,560
Program decrease not properly accounted		-7,000	
Unjustified program growth		-6,440	
Program increase - corrosion control		5,000	
Program increase - enhanced combat helmets		22,000	
1A2A FIELD LOGISTICS	1,065,090	985,904	-79,186
Program decrease not properly accounted		-6,000	
Unjustified program growth		-73,186	
BSM1 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	785,264	825,264	40,000
Program increase		40,000	
BSS1 BASE OPERATING SUPPORT	2,196,252	2,193,252	-3,000
Program decrease not properly accounted		-3,000	
3B4D TRAINING SUPPORT	405,039	401,224	-3,815
Unjustified program growth		-3,815	
3C1F RECRUITING AND ADVERTISING	201,601	191,476	-10,125
Unjustified program growth - advertising		-7,082	
Unjustified program growth - recruiting		-3,043	
4A4G ADMINISTRATION	378,683	363,725	-14,958
Program decrease not properly accounted		-14,000	
Unjustified program growth		-958	
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST		-44,000	-44,000
RESTORE READINESS		54,000	54,000

OPERATION AND MAINTENANCE, AIR FORCE

Fiscal year 2017 appropriation	\$36,247,724,000
Fiscal year 2018 budget request	39,429,232,000
Committee recommendation	38,592,745,000
Change from budget request	- 836,487,000

The Committee recommends an appropriation of \$38,592,745,000 for Operation and Maintenance, Air Force which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, AIR FORCE			
BUDGET ACTIVITY 1: OPERATING FORCES			
10 AIR OPERATIONS PRIMARY COMBAT FORCES.....	694,702	692,452	-2,250
20 COMBAT ENHANCEMENT FORCES.....	1,392,326	1,360,326	-32,000
30 AIR OPERATIONS TRAINING.....	1,128,640	1,128,640	---
40 DEPOT MAINTENANCE.....	2,755,367	2,670,367	-85,000
50 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	3,292,553	3,412,553	+120,000
60 CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT.....	6,555,186	6,539,032	-16,154
70 FLYING HOUR PROGRAM.....	4,135,330	3,895,330	-240,000
80 BASE OPERATING SUPPORT.....	5,985,232	5,863,322	-121,910
COMBAT RELATED OPERATIONS			
90 GLOBAL C3I AND EARLY WARNING.....	847,516	840,516	-7,000
100 OTHER COMBAT OPERATIONS SUPPORT PROGRAMS.....	1,131,817	1,121,817	-10,000
SPACE OPERATIONS			
120 LAUNCH FACILITIES.....	175,457	175,457	---
130 SPACE CONTROL SYSTEMS.....	353,458	353,458	---
COCOM			
160 US NORTHCOM/NORAD.....	189,891	189,891	---
170 US STRATCOM.....	534,236	525,496	-8,740
180 US CYBERCOM.....	357,830	357,830	---
190 US CENTCOM.....	168,208	168,208	---
200 US SDCOM.....	2,280	2,280	---
210 US TRANSCOM.....	533	533	---
OPERATING FORCES CLASSIFIED PROGRAMS.....			
	1,091,655	1,091,655	---
TOTAL, BUDGET ACTIVITY 1.....	30,792,217	30,389,163	-403,054

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
BUDGET ACTIVITY 2: MOBILIZATION			
MOBILITY OPERATIONS			
220 AIRLIFT OPERATIONS.....	1,570,697	1,348,667	-222,030
230 MOBILIZATION PREPAREDNESS.....	130,241	130,241	---
TOTAL, BUDGET ACTIVITY 2.....	1,700,938	1,478,908	-222,030
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
ACCESSION TRAINING			
270 OFFICER ACQUISITION.....	113,722	108,722	-5,000
280 RECRUIT TRAINING.....	24,804	24,804	---
290 RESERVE OFFICER TRAINING CORPS (ROTC).....	95,733	95,733	---
BASIC SKILLS AND ADVANCED TRAINING			
320 SPECIALIZED SKILL TRAINING.....	395,476	395,476	---
330 FLIGHT TRAINING.....	501,599	501,599	---
340 PROFESSIONAL DEVELOPMENT EDUCATION.....	287,500	285,500	-2,000
350 TRAINING SUPPORT.....	91,384	91,384	---
RECRUITING, AND OTHER TRAINING AND EDUCATION			
370 RECRUITING AND ADVERTISING.....	166,795	166,795	---
380 EXAMINING.....	4,134	4,134	---
390 OFF DUTY AND VOLUNTARY EDUCATION.....	222,691	209,163	-13,528
400 CIVILIAN EDUCATION AND TRAINING.....	171,974	170,274	-1,700
410 JUNIOR ROTC.....	60,070	60,070	---
TOTAL, BUDGET ACTIVITY 3.....	2,135,882	2,113,654	-22,228

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST

BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
LOGISTICS OPERATIONS			
420 LOGISTICS OPERATIONS.....	805,453	785,453	-20,000
430 TECHNICAL SUPPORT ACTIVITIES.....	127,379	115,379	-12,000
SERVICEWIDE ACTIVITIES			
470 ADMINISTRATION.....	911,283	900,480	-10,803
480 SERVICEWIDE COMMUNICATIONS.....	432,172	432,172	---
490 OTHER SERVICEWIDE ACTIVITIES.....	1,175,658	1,170,658	-5,000
500 CIVIL AIR PATROL CORPORATION.....	26,719	30,800	+4,081
SUPPORT TO OTHER NATIONS			
530 INTERNATIONAL SUPPORT.....	76,878	76,878	---
SECURITY PROGRAMS			
SECURITY PROGRAMS.....	1,244,653	1,229,200	-15,453

TOTAL, BUDGET ACTIVITY 4.....	4,800,195	4,741,020	-59,175
OVERESTIMATION OF CIVILIAN FTE TARGETS.....	---	-80,000	-80,000
RESTORE READINESS.....	---	300,000	+300,000
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST	---	-350,000	-350,000
TOTAL, OPERATION AND MAINTENANCE, AIR FORCE.....	39,429,232	38,592,745	-836,487
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EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
011A PRIMARY COMBAT FORCES	694,702	692,452	-2,250
Program decrease not properly accounted		-4,250	
Program increase - energy resiliency studies		2,000	
011C COMBAT ENHANCEMENT FORCES	1,392,326	1,360,326	-32,000
Program decreases not properly accounted		-32,000	
011M DEPOT MAINTENANCE	2,755,367	2,670,367	-85,000
Program decrease not properly accounted		-85,000	
011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	3,292,553	3,412,553	120,000
Program increase		120,000	
11W CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	6,555,186	6,539,032	-16,154
Unjustified program growth		-16,154	
11Y FLYING HOUR PROGRAM	4,135,330	3,895,330	-240,000
Unjustified program growth		-240,000	
011Z BASE SUPPORT	5,985,323	5,863,322	-122,001
Program decrease not properly accounted		-2,000	
Unjustified program growth - support staff		-71,502	
Unjustified program growth - foreign currency		-50,099	
Program increase - Bird/wildlife aircraft strike hazard		1,600	
012A GLOBAL C3I AND EARLY WARNING	847,516	840,516	-7,000
Program decrease not properly accounted		-7,000	
012C OTHER COMBAT OPS SPT PROGRAMS	1,131,817	1,121,817	-10,000
Program decrease not properly accounted		-10,000	
15D OPERATIONS - USSTRATCOM	534,236	525,496	-8,740
Program transfer not properly accounted		-8,740	
021A AIRLIFT OPERATIONS	1,570,697	1,348,667	-222,030
Program decrease not properly accounted		-30,000	
Unjustified program growth - special assignment requirement directives		-92,030	
Unjustified program growth - airlift account		-100,000	
031A OFFICER ACQUISITION	113,722	108,722	-5,000
Program decrease not properly accounted		-5,000	
032C PROFESSIONAL DEVELOPMENT EDUCATION	287,500	285,500	-2,000
Program decrease not properly accounted		-2,000	
033C OFF-DUTY AND VOLUNTARY EDUCATION	222,691	209,163	-13,528
Unjustified program growth		-13,528	
033D CIVILIAN EDUCATION AND TRAINING	171,974	170,274	-1,700
Program decrease not properly accounted		-1,700	

O-1	Budget Request	Committee Recommended	Change from Request
041A LOGISTICS OPERATIONS	805,453	785,453	-20,000
Program decrease not properly accounted		-20,000	
041B TECHNICAL SUPPORT ACTIVITIES	127,379	115,379	-12,000
Program decrease not properly accounted		-12,000	
042A ADMINISTRATION	911,283	900,480	-10,803
Unjustified program growth		-10,803	
042G OTHER SERVICEWIDE ACTIVITIES	1,175,658	1,170,658	-5,000
Program decrease not properly accounted		-5,000	
042I CIVIL AIR PATROL	26,719	30,800	4,081
Program increase		4,081	
043A SECURITY PROGRAMS	1,244,653	1,229,200	-15,453
Classified adjustment		-15,453	
OVERESTIMATION OF CIVILIAN FTE TARGETS		-80,000	-80,000
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST		-350,000	-350,000
RESTORE READINESS		300,000	300,000

AIR EDUCATION AND TRAINING COMMAND

The Committee recognizes the adverse impact that flooding and other infrastructure challenges have had on Air Education and Training Command (AETC) facilities, equipment, operations, and training. The Committee also recognizes the steps that the Air Force has taken to begin mitigating the damage through multi-year projects. The Committee supports these efforts and encourages the Secretary of the Air Force to utilize a similar approach in addressing additional mitigation efforts at the AETC.

COMBINED AIR OPERATIONS CENTER

The Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act that describes the feasibility of utilizing the Combined Air Operations Center-Experimental (CAOC-X) at Joint Base Langley-Eustis as the planning and execution command and control facility for large-scale joint exercises on the East Coast, including the cost savings associated with utilizing the CAOC-X for this purpose and the potential to conduct additional exercises on the East Coast.

ADVANCED TACTICAL AIR TRAINING

The Committee recognizes the importance of advanced tactical air training and advanced adversarial air training for combat pilot proficiency and to improve readiness levels. The Committee encourages the Secretary of the Air Force to continue integrating these capabilities into the Air Force training regimen. The recommendation includes additional funding to address readiness and the Committee encourages the Secretary of the Air Force to support advanced tactical air training and advanced adversarial air training.

REMOTELY PILOTED AIRCRAFT

In order to more effectively meet the demand for Remotely Piloted Aircraft (RPA) pilots, the Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act that describes the feasibility of university-based training for Air Force ROTC cadets as RPA pilots and sensor operators.

OPERATION AND MAINTENANCE, DEFENSE-WIDE

Fiscal year 2017 appropriation	\$32,373,949,000
Fiscal year 2018 budget request	34,585,817,000
Committee recommendation	33,771,769,000
Change from budget request	- 814,048,000

The Committee recommends an appropriation of \$33,771,769,000 for Operation and Maintenance, Defense-Wide which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
OPERATION AND MAINTENANCE, DEFENSE-WIDE				
BUDGET ACTIVITY 1: OPERATING FORCES				
10	JOINT CHIEFS OF STAFF.....	440,853	427,391	-13,462
20	OFFICE OF THE SECRETARY OF DEFENSE.....	551,511	551,511	---
40	SPECIAL OPERATIONS COMMAND.....	5,008,274	4,777,044	-231,230
	TOTAL, BUDGET ACTIVITY 1.....	6,000,638	5,755,946	-244,692
BUDGET ACTIVITY 3: TRAINING AND RECRUITING				
50	DEFENSE ACQUISITION UNIVERSITY.....	144,970	144,970	---
60	JOINT CHIEFS OF STAFF RECRUITING, AND OTHER TRAINING AND EDUCATION.....	84,402	84,402	---
80	SPECIAL OPERATIONS COMMAND.....	379,462	373,638	-5,824
	TOTAL, BUDGET ACTIVITY 3.....	608,834	603,010	-5,824
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES				
90	CIVIL MILITARY PROGRAMS.....	183,000	198,273	+15,273
110	DEFENSE CONTRACT AUDIT AGENCY.....	597,836	590,836	-7,000
120	DEFENSE CONTRACT MANAGEMENT AGENCY.....	1,439,010	1,429,010	-10,000
130	DEFENSE HUMAN RESOURCES ACTIVITY.....	807,754	787,549	-20,205
140	DEFENSE INFORMATION SYSTEMS AGENCY.....	2,009,702	1,955,720	-53,982
160	DEFENSE LEGAL SERVICES AGENCY.....	24,207	24,207	---
170	DEFENSE LOGISTICS AGENCY.....	400,422	381,688	-18,734
180	DEFENSE MEDIA ACTIVITY.....	217,585	213,285	-4,300
190	DEFENSE POW /MISSING PERSONS OFFICE.....	131,268	131,268	---
200	DEFENSE SECURITY COOPERATION AGENCY.....	722,496	659,420	-63,076
210	DEFENSE SECURITY SERVICE.....	683,665	683,665	---
230	DEFENSE TECHNOLOGY SECURITY AGENCY.....	34,712	34,712	---
240	DEFENSE THREAT REDUCTION AGENCY.....	542,604	538,804	-3,800
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY.....	2,794,389	2,696,529	-97,860

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
270 MISSILE DEFENSE AGENCY.....	504,058	494,058	-10,000
290 OFFICE OF ECONOMIC ADJUSTMENT.....	57,840	57,840	---
300 OFFICE OF THE SECRETARY OF DEFENSE.....	1,612,244	1,577,647	-34,597
310 SPECIAL OPERATIONS COMMAND.....	94,273	93,550	-723
320 WASHINGTON HEADQUARTERS SERVICES.....	436,776	411,383	-25,393
OTHER PROGRAMS.....	14,806,404	14,567,369	-239,035
TOTAL, BUDGET ACTIVITY 4.....	28,100,245	27,526,813	-573,432
IMPACT AID.....	---	30,000	+30,000
IMPACT AID FOR CHILDREN WITH DISABILITIES.....	---	5,000	+5,000
COMPACT REVIEW AGREEMENT TRANSFER TO DEPARTMENT OF THE INTERIOR.....	-123,900	---	+123,900
OVERESTIMATION OF CIVILIAN FTE TARGETS	---	-91,000	-91,000
UNJUSTIFIED GROWTH IN TRAVEL.....	---	-58,000	-58,000
TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE.....	34,585,817	33,771,769	-814,048

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1PL1 JOINT CHIEFS OF STAFF	440,853	427,391	-13,462
Program decrease not properly accounted		-2,000	
Program decrease for historical underexecution		-11,462	
1PL2 SPECIAL OPERATIONS COMMAND	5,008,274	4,777,044	-231,230
Combat development activities - historical underexecution		-65,501	
Combat development activities - classified adjustment		-15,000	
Communications - SCAMPI unjustified growth		-3,413	
Communications - reduction for special communications enterprise unjustified growth		-2,845	
Communications - reduction for one-time increase		-559	
Flight operations - historical underexecution		-19,764	
Force related training - reduction for joint combined exchange training unjustified growth		-4,445	
Force related training - reduction for one-time increase		-2,864	
Force related training - historical underexecution		-1,270	
Intelligence - historical underexecution		-17,641	
Maintenance - reduction for one-time increase		-3,000	
Operational support - historical underexecution		-6,152	
Other operations - reduction for civil military support engagement unjustified growth		-2,834	
Other operations - reduction for TSOC persistent engagement unjustified growth		-2,185	
Other operations - personnel realignment not properly accounted		-1,500	
Other operations - historical underexecution		-77,187	
Ship operations - historical underexecution		-6,521	
Program increase - combat development activities		1,451	
3EV7 SPECIAL OPERATIONS COMMAND / TRAINING AND RECRUITING	379,462	373,638	-5,824
Specialized skill training - historical underexecution		-5,824	
4GT3 CIVIL MILITARY PROGRAMS	183,000	198,273	15,273
Program decrease for historical underexecution		-12,627	
Program increase - National Guard Youth Challenge		20,000	
Program increase - STARBASE		7,900	
4GT6 DEFENSE CONTRACT AUDIT AGENCY	597,836	590,836	-7,000
Program decrease not properly accounted		-7,000	
4GTC DEFENSE CONTRACT MANAGEMENT AGENCY	1,439,010	1,429,010	-10,000
Program decrease not properly accounted		-10,000	

O-1	Budget Request	Committee Recommended	Change from Request
4GT8 DEFENSE HUMAN RESOURCES AGENCY	807,754	787,549	-20,205
Program decreases not properly accounted		-11,000	
Unjustified growth - office of talent development		-4,246	
Unjustified growth - survey, testing, research and assessment		-28,000	
Unjustified growth - information technology		-2,959	
Program increase - Special Victims' Counsel		25,000	
Program increase - Joint Advertising, Marketing Research, and Studies		1,000	
4GT9 DEFENSE INFORMATION SYSTEMS AGENCY	2,009,702	1,955,720	-53,982
Program decreases not properly accounted		-17,300	
Program transfer not properly accounted		-7,844	
Program transfer not properly accounted		-14,982	
Unjustified transfer		-16,356	
Program increase - Joint regional security stack		2,500	
4GTE DEFENSE LOGISTICS AGENCY	400,422	381,688	-18,735
Program decreases not properly accounted		-17,000	
Unjustified growth		-9,242	
Unjustified realignment from Working Capital Fund, Defense-Wide		-6,793	
Program increase - Procurement Technical Assistance Program		14,300	
ES18 DEFENSE MEDIA ACTIVITY	217,585	213,285	-4,300
Program decreases not properly accounted		-4,300	
4GTI DEFENSE SECURITY COOPERATION AGENCY	722,496	659,420	-63,076
Program decrease not properly accounted		-1,250	
Program decrease - Building Partnership Capacity section 333		-22,223	
Program decrease - Southeast Asia Maritime Security Initiative		-39,603	
4GTI DEFENSE THREAT REDUCTION AGENCY	542,604	538,804	-3,800
Program decrease not properly accounted		-3,800	
4GTJ DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	2,794,389	2,696,529	-97,860
Program decreases not properly accounted		-28,000	
Program decrease for historical underexecution		-69,860	
011A MISSILE DEFENSE AGENCY	504,058	494,058	-10,000
Aegis BMD program unjustified growth		-10,000	
4GTN OFFICE OF THE SECRETARY OF DEFENSE	1,612,244	1,577,647	-34,597
Program decreases not properly accounted		-19,418	
Unjustified growth - interagency council management		-15,586	
Unjustified growth - major headquarters activities		-5,278	
Unjustified growth - other programs and initiatives		-12,121	
Unjustified growth - core services		-148	
Unjustified growth - BRAC support		-2,046	
Program increase - Readiness and Environmental Protection Initiative		15,000	
Program increase - information assurance scholarship program		5,000	

O-1	Budget Request	Committee Recommended	Change from Request
4GT1 SPECIAL OPERATIONS COMMAND	94,273	93,550	-723
Acquisition/program management - historical underexecution		-723	
4GTC WASHINGTON HEADQUARTERS SERVICES	436,776	411,383	-25,393
Program decrease not properly accounted		-4,000	
Program decrease for historical underexecution		-11,793	
Unjustified growth - DIUx program		-9,600	
999 OTHER PROGRAMS	14,806,404	14,567,369	-239,035
Classified adjustment		-239,035	
COMPACT REVIEW AGREEMENT TRANSFER TO THE DEPARTMENT OF THE INTERIOR	-123,900	0	123,900
OVERESTIMATION OF CIVILIAN FTE TARGETS		-91,000	-91,000
TRAVEL UNJUSTIFIED GROWTH		-58,000	-58,000
PROGRAM INCREASE - IMPACT AID		30,000	30,000
PROGRAM INCREASE - IMPACT AID for children with disabilities		5,000	5,000

ENERGY EFFICIENCY PROJECTS

While the Committee is encouraged by ongoing efforts within the Department of Defense to pursue energy efficiencies, the Committee is concerned that the Department's current procurement process for lighting upgrades effectively limits the participation of smaller vendors. The Committee encourages the Secretary of Defense to explore the use of alternative industrial lighting upgrades projects across the Department.

DEFENSE CONTRACTING MANAGEMENT AGENCY

The Committee directs the Director of the Defense Contracting Management Agency to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act that describes a plan to foster the adoption, implementation, and verification of the Department of Defense's revised item unique identification policy across the Department and the defense industrial base. The report shall include a detailed plan on new policies, procedures, staff training, and equipment necessary to ensure contract compliance with the item unique identification policy for all items that require unique item level traceability at any time in its lifecycle.

DIGITAL WORKSPACE TECHNOLOGIES

The Committee recognizes that the use of digital workspace technologies can increase user productivity, enhance cybersecurity, and allow workforce flexibility. The Committee encourages the Secretary of Defense to explore multi-factor authentication solutions to strengthen the Department's cybersecurity posture, including strategies and programs that reduce the total lifecycle costs of traditional legacy workspace infrastructure.

DEFENSE LOGISTICS AGENCY

The Committee directs the Director of the Defense Logistics Agency (DLA) to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act that describes the business practice for acquiring spare parts, the database utilized by DLA to track inventory processed within DLA, the system used by DLA to account for interdepartmental purchase requests, the efforts made by DLA to maximize savings across the Department of Defense, and any better business practices adopted in fiscal years 2015 and 2016.

DEFENSE LOGISTICS AGENCY

While the Committee supports the Federal Prison Industry (FPI) mission to reduce crime by preparing inmates for successful reentry into society through job training, the Committee remains concerned that the Defense Logistic Agency's reliance on FPI is at the expense of the private sector, particularly small and disadvantaged businesses. The Committee notes that the FPI organizing statute requires it be operated so that it reduces to a minimum competition with private industry or free labor. The Committee expects that the Department will refrain from any changes that would enable fur-

ther intrusion by FPI into contracts that have been set aside for competition among small businesses.

DEFENSE POW/MIA ACCOUNTING AGENCY

The Committee supports the additional funding requested in the fiscal year 2018 budget for the Defense POW/MIA Accounting Agency (DPAA), which provides families with the fullest possible accounting for missing persons from past conflicts. For more than two decades, the Department of Defense has conducted joint field activities with the governments of Vietnam, Laos, and Cambodia to recover the remains of more than 1,000 missing Americans, yet today more than 1,600 Americans still remain unaccounted for from the Vietnam War. Therefore, in light of the fragility and ongoing degradation of many of these sites, the Committee encourages the Director of the DPAA to fully resource its field teams in these countries and to continue to investigate crash and burial sites, interview locals, and obtain access to historical wartime records and archives that provide information relevant to the fates of missing Americans. The Director of DPAA is directed to submit a report not later than 60 days after the enactment of this Act delineating how resources provided will be applied to this effort.

MEALS READY-TO-EAT WAR RESERVE

The Committee recommendation fully supports the fiscal year 2018 request for the Defense Logistics Agency to maintain 2,500,000 cases of meals ready-to-eat and reaffirms support for the War Reserve stock objective of 5,000,000 cases.

YOUTH SERVING ORGANIZATIONS

The Committee recognizes the sacrifices made by servicemembers and their families and supports the many organizations around the world that provide assistance to them. These organizations provide comfort, hope, and healing to affected military families. The Committee encourages the Secretary of Defense to consider programs that support attendance at camps, or camp-like settings, of children of military families to include camps for children, who have experienced the death of a family member or other loved one or who have a family member living with a substance abuse disorder or post-traumatic stress disorder.

OPERATION AND MAINTENANCE, ARMY RESERVE

Fiscal year 2017 appropriation	\$2,743,688,000
Fiscal year 2018 budget request	2,906,842,000
Committee recommendation	2,870,163,000
Change from budget request	– 36,679,0000

The Committee recommends an appropriation of \$2,870,163,000 for Operation and Maintenance, Army Reserve which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, ARMY RESERVE			
BUDGET ACTIVITY 1: OPERATING FORCES			
10 LAND FORCES			
MODULAR SUPPORT BRIGADES.....	11,461	11,461	---
20 ECHELONS ABOVE BRIGADES.....	577,410	577,410	---
30 THEATER LEVEL ASSETS.....	117,298	117,298	---
40 LAND FORCES OPERATIONS SUPPORT.....	552,016	552,016	---
50 AVIATION ASSETS.....	80,302	75,950	-4,352
60 LAND FORCES READINESS			
FORCES READINESS OPERATIONS SUPPORT.....	399,035	396,035	-3,000
70 LAND FORCES SYSTEM READINESS.....	102,687	102,687	---
80 DEPOT MAINTENANCE.....	56,016	56,016	---
90 LAND FORCES READINESS SUPPORT			
BASE OPERATIONS SUPPORT.....	599,947	591,620	-8,327
100 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	273,940	293,940	+20,000
110 MANAGEMENT AND OPERATIONS HEADQUARTERS.....	22,909	22,909	---
TOTAL, BUDGET ACTIVITY 1.....	2,793,021	2,797,342	+4,321
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
120 SERVICEWIDE TRANSPORTATION.....	11,116	11,116	---
130 ADMINISTRATION.....	17,962	17,962	---
140 SERVICEWIDE COMMUNICATIONS.....	18,550	18,550	---
150 PERSONNEL/FINANCIAL ADMINISTRATION	6,166	6,166	---
160 RECRUITING AND ADVERTISING.....	60,027	59,027	-1,000
TOTAL, BUDGET ACTIVITY 4.....	113,821	112,821	-1,000
RESTORE READINESS.....	---	10,000	+10,000
OVERESTIMATION OF CIVILIAN FTE TARGETS	---	-50,000	-50,000
TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE.....	2,906,842	2,870,163	-36,679

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
116 AVIATION ASSETS	80,302	75,950	-4,352
Unjustified program growth		-4,352	
121 FORCES READINESS OPERATIONS SUPPORT	399,035	396,035	-3,000
Program decrease not properly accounted		-3,000	
131 BASE OPERATIONS SUPPORT	599,947	591,620	-8,327
Program decrease not properly accounted		-7,800	
Unjustified program growth		-527	
132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	273,940	293,940	20,000
Program increase		20,000	
434 RECRUITING AND ADVERTISING	60,027	59,027	-1,000
Program decrease not properly accounted		-1,000	
OVERESTIMATION OF CIVILIAN FTE TARGETS		-50,000	-50,000
RESTORE READINESS		10,000	10,000

OPERATION AND MAINTENANCE, NAVY RESERVE

Fiscal year 2017 appropriation	\$929,656,000
Fiscal year 2018 budget request	1,084,007,000
Committee recommendation	1,038,507,000
Change from budget request	- 45,500,000

The Committee recommends an appropriation of \$1,038,507,000 for Operation and Maintenance, Navy Reserve which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, NAVY RESERVE			
BUDGET ACTIVITY 1: OPERATING FORCES			
10 RESERVE AIR OPERATIONS			
MISSION AND OTHER FLIGHT OPERATIONS.....	596,876	542,376	-54,500
20 INTERMEDIATE MAINTENANCE.....	5,902	5,902	---
30 AIRCRAFT DEPOT MAINTENANCE.....	94,861	94,861	---
40 AIRCRAFT DEPOT OPERATIONS SUPPORT.....	381	381	---
50 AVIATION LOGISTICS.....	13,822	13,822	---
60 RESERVE SHIP OPERATIONS			
SHIP OPERATIONAL SUPPORT AND TRAINING.....	571	571	---
70 RESERVE COMBAT OPERATIONS SUPPORT			
COMBAT COMMUNICATIONS.....	16,718	16,718	---
80 COMBAT SUPPORT FORCES.....	118,079	118,079	---
90 CYBERSPACE ACTIVITIES.....	308	308	---
100 RESERVE WEAPONS SUPPORT			
ENTERPRISE INFORMATION TECHNOLOGY.....	28,650	28,650	---
110 BASE OPERATING SUPPORT			
FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	86,354	94,354	+8,000
120 BASE OPERATING SUPPORT.....	103,596	103,596	---
TOTAL, BUDGET ACTIVITY 1.....	1,066,118	1,019,618	-46,500
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
130 ADMINISTRATION.....	1,371	1,371	---
140 MILITARY MANPOWER & PERSONNEL.....	13,289	13,289	---
160 ACQUISITION AND PROGRAM MANAGEMENT.....	3,229	3,229	---
TOTAL, BUDGET ACTIVITY 4.....	17,889	17,889	---
RESTORE READINESS.....	---	2,000	+2,000
OVERESTIMATION OF CIVILIAN FTE TARGETS.....	---	-1,000	-1,000
TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE.....	1,084,007	1,038,507	-45,500

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1A1A MISSION AND OTHER FLIGHT OPERATIONS	596,876	542,376	-54,500
Program decrease not properly accounted		-2,500	
Unjustified program growth		-52,000	
BSMF FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	86,354	94,354	8,000
Program increase		8,000	
OVERESTIMATION OF CIVILIAN FTE TARGETS		-1,000	-1,000
RESTORE READINESS		2,000	2,000

OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

Fiscal year 2017 appropriation	\$271,133,000
Fiscal year 2018 budget request	278,837,000
Committee recommendation	282,337,000
Change from budget request	+3,500,000

The Committee recommends an appropriation of \$282,337,000 for Operation and Maintenance, Marine Corps Reserve which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, MARINE CORPS RESERVE			
BUDGET ACTIVITY 1: OPERATING FORCES			
10 EXPEDITIONARY FORCES			
10 OPERATING FORCES.....	103,468	103,468	---
20 DEPOT MAINTENANCE.....	18,794	18,794	---
30 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	32,777	36,777	+4,000
40 BASE OPERATING SUPPORT.....	111,213	109,713	-1,500
TOTAL, BUDGET ACTIVITY 1.....	266,252	268,752	+2,500
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
60 ADMINISTRATION.....	12,585	12,585	---
TOTAL, BUDGET ACTIVITY 4.....	12,585	12,585	---
RESTORE READINESS.....	---	2,000	+2,000
OVERESTIMATION OF CIVILIAN FTE TARGETS.....	---	-1,000	-1,000
TOTAL, OPERATION & MAINTENANCE, MARINE CORPS RESERVE..	278,837	282,337	+3,500

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[in thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
BSM1 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	32,777	36,777	4,000
Program increase		4,000	
BSS1 BASE OPERATING SUPPORT	111,213	109,713	-1,500
Program decrease not properly accounted		-1,500	
OVERESTIMATION OF CIVILIAN FTE TARGETS		-1,000	-1,000
RESTORE READINESS		2,000	2,000

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Fiscal year 2017 appropriation	\$3,069,229,000
Fiscal year 2018 budget request	3,267,507,000
Committee recommendation	3,233,745,000
Change from budget request	- 33,762,000

The Committee recommends an appropriation of \$3,233,745,000 for Operation and Maintenance, Air Force Reserve which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, AIR FORCE RESERVE			
BUDGET ACTIVITY 1: OPERATING FORCES			
10 AIR OPERATIONS			
PRIMARY COMBAT FORCES.....	1,801,007	1,784,007	-17,000
20 MISSION SUPPORT OPERATIONS.....	210,642	209,142	-1,500
30 DEPOT MAINTENANCE.....	403,867	403,867	---
40 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	124,951	132,951	+8,000
50 CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT.....	240,835	240,835	---
60 BASE OPERATING SUPPORT.....	371,878	371,878	---
TOTAL, BUDGET ACTIVITY 1.....	3,153,180	3,142,680	-10,500
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
70 ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
ADMINISTRATION.....	74,153	74,153	---
80 RECRUITING AND ADVERTISING.....	19,522	17,260	-2,262
90 MILITARY MANPOWER AND PERSONNEL MANAGEMENT.....	12,765	12,765	---
100 OTHER PERSONNEL SUPPORT.....	7,495	7,495	---
110 AUDIOVISUAL.....	392	392	---
TOTAL, BUDGET ACTIVITY 4.....	114,327	112,065	-2,262
RESTORE READINESS.....	---	2,000	+2,000
OVERESTIMATION OF CIVILIAN FTE TARGETS AND STREAMLINING MANAGEMENT HEADQUARTERS.....	---	-13,000	-13,000
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST	---	-10,000	-10,000
TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE...	3,267,507	3,233,745	-33,762

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [in thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
011A PRIMARY COMBAT FORCES	1,801,007	1,784,007	-17,000
Program decrease not properly accounted		-17,000	
011G MISSION SUPPORT OPERATIONS	210,642	209,142	-1,500
Program decrease not properly accounted		-1,500	
011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	124,951	132,951	8,000
Program increase		8,000	
042J RECRUITING AND ADVERTISING	19,522	17,260	-2,262
Unjustified program growth		-2,262	
OVERESTIMATION OF CIVILIAN FTE TARGETS		-13,000	-13,000
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST		-10,000	-10,000
RESTORE READINESS		2,000	2,000

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

Fiscal year 2017 appropriation	\$6,861,478,000
Fiscal year 2018 budget request	7,307,170,000
Committee recommendation	7,275,820,000
Change from budget request	- 31,350,000

The Committee recommends an appropriation of \$7,275,820,000 for Operation and Maintenance, Army National Guard which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD			
BUDGET ACTIVITY 1: OPERATING FORCES			
10 LAND FORCES MANEUVER UNITS.....	777,883	778,883	+1,000
20 MODULAR SUPPORT BRIGADES.....	190,639	190,639	---
30 ECHELONS ABOVE BRIGADE.....	807,557	807,557	---
40 THEATER LEVEL ASSETS.....	85,476	90,476	+5,000
50 LAND FORCES OPERATIONS SUPPORT.....	36,672	36,672	---
60 AVIATION ASSETS.....	956,381	944,881	-11,500
LAND FORCES READINESS			
70 FORCE READINESS OPERATIONS SUPPORT.....	777,756	748,256	-29,500
80 LAND FORCES SYSTEMS READINESS.....	51,506	46,506	-5,000
90 LAND FORCES DEPOT MAINTENANCE.....	244,942	244,942	---
LAND FORCES READINESS SUPPORT			
100 BASE OPERATIONS SUPPORT.....	1,144,726	1,134,226	-10,500
110 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	781,895	821,895	+40,000
120 MANAGEMENT AND OPERATIONAL HEADQUARTERS.....	999,052	989,052	-10,000
TOTAL, BUDGET ACTIVITY 1.....	6,854,485	6,833,985	-20,500
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
130 SERVICEWIDE TRANSPORTATION.....	7,703	7,703	---
140 ADMINISTRATION.....	79,236	80,386	+1,150
150 SERVICEWIDE COMMUNICATIONS.....	85,160	85,160	---
160 MANPOWER MANAGEMENT.....	8,654	8,654	---
170 RECRUITING AND ADVERTISING.....	268,839	268,839	---
180 REAL ESTATE MANAGEMENT.....	3,093	3,093	---
TOTAL, BUDGET ACTIVITY 4.....	452,685	453,835	+1,150
RESTORE READINESS.....	---	20,000	+20,000
OVERESTIMATION OF CIVILIAN FTE TARGETS AND STREAMLINING MANAGEMENT HEADQUARTERS.....	---	-9,000	-9,000
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST	---	-23,000	-23,000
TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD...	7,307,170	7,275,820	-31,350

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
111 MANEUVER UNITS	777,883	778,883	1,000
Program increase - expanded training environment		1,000	
113 ECHELONS ABOVE BRIGADE	807,557	807,557	0
Program decrease not properly accounted		-4,000	
Program increase - operational support on southwest border		4,000	
114 THEATER LEVEL ASSETS	85,476	90,476	5,000
Program increase - operational support on southwest border		5,000	
116 AVIATION ASSETS	956,381	944,881	-11,500
Program decrease not properly accounted		-11,500	
121 FORCE READINESS OPERATIONS SUPPORT	777,756	748,256	-29,500
Program decrease not properly accounted		-30,000	
Program increase - cyber protection teams		500	
122 LAND FORCES SYSTEMS READINESS	51,506	46,506	-5,000
Program decrease not properly accounted		-5,000	
131 BASE OPERATIONS SUPPORT	1,144,726	1,134,226	-10,500
Program decrease not properly accounted		-10,500	
132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	781,895	821,895	40,000
Program increase		40,000	
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS	999,052	989,052	-10,000
Program decrease not properly accounted		-10,000	
431 ADMINISTRATION	79,236	80,386	1,150
Program increase - State Partnership Program		1,150	
OVERESTIMATION OF CIVILIAN FTE TARGETS		-9,000	-9,000
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST		-23,000	-23,000
RESTORE READINESS		20,000	20,000

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Fiscal year 2017 appropriation	\$6,615,095,000
Fiscal year 2018 budget request	6,939,968,000
Committee recommendation	6,735,930,000
Change from budget request	– 204,038,000

The Committee recommends an appropriation of \$6,735,930,000 for Operation and Maintenance, Air National Guard which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD			
BUDGET ACTIVITY 1: OPERATING FORCES			
AIR OPERATIONS			
10 AIRCRAFT OPERATIONS.....	3,175,055	3,046,367	-128,688
20 MISSION SUPPORT OPERATIONS.....	746,082	735,232	-10,850
30 DEPOT MAINTENANCE.....	867,063	859,063	-8,000
40 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	325,090	345,090	+20,000
50 CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT.....	1,100,829	1,100,829	---
60 BASE OPERATING SUPPORT.....	583,664	574,664	-9,000
TOTAL, BUDGET ACTIVITY 1.....	6,797,783	6,661,245	-136,538
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
SERVICEWIDE ACTIVITIES			
70 ADMINISTRATION.....	44,955	44,955	---
80 RECRUITING AND ADVERTISING.....	97,230	97,230	---
TOTAL, BUDGET ACTIVITY 4.....	142,185	142,185	---
RESTORE READINESS.....	---	10,000	+10,000
LOWER THAN BUDGETED AVERAGE SALARY.....	---	-2,500	-2,500
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST	---	-75,000	-75,000
TOTAL, OPERATION & MAINTENANCE, AIR NATIONAL GUARD....	6,939,968	6,735,930	-204,038

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
011F AIRCRAFT OPERATIONS	3,175,055	3,046,367	-128,688
Program decreases not properly accounted		-89,000	
Unjustified program growth		-39,688	
011G MISSION SUPPORT OPERATIONS	746,082	735,232	-10,850
Program decrease not properly accounted		-12,000	
Program increase - State Partnership Program		1,150	
011M DEPOT MAINTENANCE	867,063	859,063	-8,000
Program decrease not properly accounted		-8,000	
011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	325,090	345,090	20,000
Program increase		20,000	
011Z BASE OPERATING SUPPORT	583,664	574,664	-9,000
Program decrease not properly accounted		-9,000	
ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST		-75,000	-75,000
LOWER THAN BUDGETED AVERAGE SALARY		-2,500	-2,500
RESTORE READINESS		10,000	10,000

UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES

Fiscal year 2017 appropriation	\$14,194,000
Fiscal year 2018 budget request	14,538,000
Committee recommendation	14,538,000
Change from budget request	— — —

The Committee recommends an appropriation of \$14,538,000 for the United States Court of Appeals for the Armed Forces.

ENVIRONMENTAL RESTORATION, ARMY

Fiscal year 2017 appropriation	\$170,167,000
Fiscal year 2018 budget request	215,809,000
Committee recommendation	215,809,000
Change from budget request	— — —

The Committee recommends an appropriation of \$215,809,000 for Environmental Restoration, Army.

ENVIRONMENTAL RESTORATION, NAVY

Fiscal year 2017 appropriation	\$289,262,000
Fiscal year 2018 budget request	281,415,000
Committee recommendation	288,915,000
Change from budget request	+7,500,000

The Committee recommends an appropriation of \$288,915,000 for Environmental Restoration, Navy.

VIEQUES AND CULEBRA ENVIRONMENTAL RESTORATION

The Committee remains interested in the pace and scope of environmental restoration on the island municipalities of Culebra and Vieques in Puerto Rico. The Committee encourages the Secretary of the Navy to work closely with the Environmental Protection Agency, the Fish and Wildlife Service, and the Puerto Rico Environmental Quality Board to maximize public participation and transparency in the decontamination process in order to achieve a thorough decontamination result on both islands. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act detailing all decontamination authorities and plans applicable to Culebra and Vieques, to include particular emphasis on the decontamination of the northwest peninsula of Culebra.

ENVIRONMENTAL RESTORATION, AIR FORCE

Fiscal year 2017 appropriation	\$371,521,000
Fiscal year 2018 budget request	293,749,000
Committee recommendation	308,749,000
Change from budget request	+15,000,000

The Committee recommends an appropriation of \$308,749,000 for Environmental Restoration, Air Force.

GRANULAR ACTIVATED CARBON

The Committee is concerned by actual and potential incidents of contaminated drinking water on and around military bases. The Committee understands that in more than one instance, the Serv-

ices' use of firefighting foam during training exercises caused perfluorinated chemicals (PFCs) to enter the ground and drinking water supply. The Committee recognizes that using granular activated carbon is an effective way of removing PFCs from ground water and drinking water and encourages the Secretary of the Air Force to explore the use of granular activated carbon for the removal of PFCs that impact environmental and human health standards at all Air Force bases.

ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

Fiscal year 2017 appropriation	\$9,009,000
Fiscal year 2018 budget request	9,002,000
Committee recommendation	9,002,000
Change from budget request	---

The Committee recommends an appropriation of \$9,002,000 for Environmental Restoration, Defense-Wide.

ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES

Fiscal year 2017 appropriation	\$222,084,000
Fiscal year 2018 budget request	208,673,000
Committee recommendation	233,673,000
Change from budget request	+25,000,000

The Committee recommends an appropriation of \$233,673,000 for Environmental Restoration, Formerly Used Defense Sites.

OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

Fiscal year 2017 appropriation	\$123,125,000
Fiscal year 2018 budget request	104,900,000
Committee recommendation	107,900,000
Change from budget request	+3,000,000

The Committee recommends an appropriation of \$107,900,000 for Overseas Humanitarian, Disaster, and Civic Aid.

COOPERATIVE THREAT REDUCTION ACCOUNT

Fiscal year 2017 appropriation	\$325,604,000
Fiscal year 2018 budget request	324,600,000
Committee recommendation	324,600,000
Change from budget request	---

The Committee recommends an appropriation of \$324,600,000 for the Cooperative Threat Reduction Account which will provide the following program in fiscal year 2018:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
COOPERATIVE THREAT REDUCTION ACCOUNT			
Strategic Offensive Arms Elimination	12,188	12,188	---
Chemical Weapons Destruction	5,000	5,000	---
Global Nuclear Security	17,887	17,887	---
Cooperative Biological Engagement	172,753	172,753	---
Proliferation Prevention	89,792	89,792	---
Other Assessments/Admin Costs	26,980	26,980	---
TOTAL, COOPERATIVE THREAT REDUCTION ACCOUNT	324,600	324,600	---

OPERATION AND MAINTENANCE, NATIONAL DEFENSE
RESTORATION FUND

The Committee recommends \$5,000,000,000 for the Operation and Maintenance, National Defense Restoration Fund, in order to improve the warfighting readiness of the military Services and Defense agencies. The Committee directs that the funding be used to meet the requirements necessary to implement the 2018 National Defense Strategy. The Secretary of Defense is directed to submit to the congressional defense committees a proposed allocation plan, including a detailed budget justification for the use of such funds and a description of how such investments are necessary to implement the strategy, not fewer than 30 days prior to making transfers from the fund. Transfers from the fund are subject to prior approval from the congressional defense committees.

TITLE III
PROCUREMENT

The fiscal year 2018 Department of Defense procurement budget request totals \$113,906,877,000. The Committee recommendation provides \$132,501,445,000 for the procurement accounts. The table below summarizes the Committee recommendations:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
SUMMARY			
ARMY			
AIRCRAFT.....	4,149,894	4,456,533	+306,639
MISSILES.....	2,519,054	2,581,600	+62,546
WEAPONS AND TRACKED COMBAT VEHICLES.....	2,423,608	3,556,175	+1,132,567
AMMUNITION.....	1,879,283	1,811,808	-67,475
OTHER.....	6,469,331	6,356,044	-113,287
TOTAL, ARMY.....	17,441,170	18,762,160	+1,320,990
NAVY			
AIRCRAFT.....	15,056,235	17,908,270	+2,852,035
WEAPONS.....	3,420,107	3,387,826	-32,281
AMMUNITION.....	792,345	735,651	-56,694
SHIPS.....	19,903,682	21,503,726	+1,600,044
OTHER.....	8,277,789	7,852,952	-424,837
MARINE CORPS.....	2,064,825	1,818,846	-245,979
TOTAL, NAVY.....	49,514,983	53,207,271	+3,692,288
AIR FORCE			
AIRCRAFT.....	15,430,849	16,553,196	+1,122,347
MISSILES.....	2,296,182	2,203,101	-93,081
SPACE.....	3,370,775	3,210,355	-160,420
AMMUNITION.....	1,376,602	1,316,977	-59,625
OTHER.....	19,603,497	19,318,814	-284,683
TOTAL, AIR FORCE.....	42,077,905	42,602,443	+524,538
DEFENSE-WIDE			
DEFENSE-WIDE.....	4,835,418	5,239,239	+403,821
DEFENSE PRODUCTION ACT PURCHASES.....	37,401	67,401	+30,000
PROCUREMENT, NATIONAL DEFENSE RESTORATION FUND.....	--	12,622,931	+12,622,931
	=====	=====	=====
TOTAL PROCUREMENT.....	113,906,877	132,501,445	+18,594,568
	=====	=====	=====

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Committee directs the Secretary of Defense to continue to follow the reprogramming guidance as specified in the report accompanying the House version of the Department of Defense Appropriations bill for Fiscal Year 2008 (House Report 110–279). Specifically, the dollar threshold for reprogramming funds shall remain at \$20,000,000 for procurement and \$10,000,000 for research, development, test and evaluation.

Also, the Committee directs the Under Secretary of Defense (Comptroller) to continue to provide the congressional defense committees quarterly, spreadsheet-based DD Form 1416 reports for Service and defense-wide accounts in titles III and IV of this Act. Reports for titles III and IV shall comply with the guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act, 2006. The Department shall continue to follow the limitation that prior approval reprogrammings are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative from the Base for Reprogramming value as modified by any adjustments. Therefore, if the combined value of transfers into or out of a procurement (P–1) or research, development, test and evaluation (R–1) line exceeds the identified threshold, the Secretary of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this report.

FUNDING INCREASES

The funding increases outlined in these tables shall be provided only for the specific purposes indicated in the tables.

PROCUREMENT SPECIAL INTEREST ITEMS

Items for which additional funds have been provided as shown in the project level tables or in paragraphs using the phrase “only for” or “only to” in this report are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount as specifically addressed in the Committee report. These items remain special interest items whether or not they are repeated in a subsequent conference report.

JOINT STRIKE FIGHTER ECONOMIC ORDER QUANTITY PROCUREMENT

The Committee recommendation includes \$660,989,000, the same as the budget request, for the procurement of economic order quantities of material and equipment that have completed formal hardware qualification testing in order to support the procurement of F–35 aircraft at reduced cost in fiscal years 2019 and 2020.

CYBER DEFENSE PROCUREMENT

The Committee is aware that current information technology procurement policies may result in unnecessary costs and delays in the Services’ ability to modernize the cyberspace enterprise and

protect infrastructure from cyber attacks. The Committee supports efforts to ensure that cyber personnel are adequately trained and that lessons learned from federal agencies and the private sector are leveraged to optimize the Department of Defense's cybersecurity defense posture. The Committee encourages the Secretary of Defense, in conjunction with the Service Secretaries, to keep the congressional defense committees informed of efforts to modernize information technology procurement, deployment, sustainment, and training of cyber procurement personnel.

SUPPORT FOR INDUSTRIAL BASE DIVERSITY

The Committee supports competition and a strong industrial base for the procurement of defense end items to reduce reliance on sole-source acquisitions. The Committee encourages the Secretary of Defense to promote the maintenance of a diverse and robust industrial base of suppliers for significant procurement items, within current law and available levels of funding.

AIRCRAFT PROCUREMENT, ARMY

Fiscal year 2017 appropriation	\$4,587,598,000
Fiscal year 2018 budget request	4,149,894,000
Committee recommendation	4,456,533,000
Change from budget request	+306,639,000

The Committee recommends an appropriation of \$4,456,533,000 for Aircraft Procurement, Army which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

AIRCRAFT PROCUREMENT, ARMY							
AIRCRAFT							
FIXED WING							
2	UTILITY F/W CARGO AIRCRAFT.....	4	75,115	4	75,115	---	---
4	MQ-1 UAV.....	2	30,206	2	45,309	---	+15,103
ROTARY							
6	UH-72 LAKOTA LIGHT UTILITY HELICOPTER.....	13	108,383	20	166,683	+7	+58,300
7	AH-64 APACHE BLOCK IIIA REMAN.....	48	725,976	48	725,976	---	---
8	AH-64 APACHE BLOCK IIIA REMAN (AP-CY).....	---	170,910	---	170,910	---	---
9	AH-64 APACHE BLOCK IIIB NEW BUILD.....	13	374,100	13	374,100	---	---
10	AH-64 APACHE BLOCK IIIB NEW BUILD (AP-CY).....	---	71,900	---	71,900	---	---
11	UH-60 BLACKHAWK (MYP).....	48	938,308	56	1,046,308	+8	+108,000
12	UH-60 BLACKHAWK (MYP) (AP-CY).....	---	86,295	---	86,295	---	---
13	UH-60 BLACKHAWK A AND L MODELS.....	36	76,516	36	76,516	---	---
14	CH-47 HELICOPTER.....	2	202,576	6	338,976	+4	+136,400
15	CH-47 HELICOPTER (AP-CY).....	---	17,820	---	17,820	---	---
TOTAL, AIRCRAFT.....			2,878,105		3,195,908		+317,803

MODIFICATION OF AIRCRAFT							
17	MQ-1 PAYLOAD - UAS.....	---	5,910	---	15,910	---	+10,000
18	UNIVERSAL GROUND CONTROL EQUIPMENT.....	---	15,000	---	13,500	---	-1,500
19	GRAY EAGLE MODS2.....	---	74,291	---	74,291	---	---
20	MULTI SENSOR ABN RECON (MIP).....	---	68,812	---	68,812	---	---
21	AH-64 MODS.....	---	238,141	---	238,141	---	---
22	CH-47 CARGO HELICOPTER MODS.....	---	20,166	---	20,166	---	---
23	GRCS SEMA MODS (MIP).....	---	5,514	---	5,514	---	---
24	ARL SEMA MODS (MIP).....	---	11,650	---	10,485	---	-1,165

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST
	QTY AMOUNT		QTY AMOUNT		QTY AMOUNT
25 EMARSS SEMA MODS (MIP).....	---	15,279	---	6,475	---
26 UTILITY/CARGO AIRPLANE MODS.....	---	57,737	---	57,737	---
27 UTILITY HELICOPTER MODS.....	---	5,900	---	15,900	---
28 NETWORK AND MISSION PLAN.....	---	142,102	---	142,102	---
29 COMMS, NAV SURVEILLANCE.....	---	166,050	---	166,050	---
30 GATH ROLLUP.....	---	37,403	---	37,403	---
31 RQ-7 UAV MODS.....	---	83,160	---	83,160	---
32 UAS MODS.....	---	26,109	---	26,109	---
TOTAL, MODIFICATION OF AIRCRAFT.....	---	973,224	---	981,755	---
SUPPORT EQUIPMENT AND FACILITIES					
GROUND SUPPORT AVIONICS					
33 AIRCRAFT SURVIVABILITY EQUIPMENT.....	---	70,913	---	62,204	---
34 SURVIVABILITY CM.....	---	5,884	---	5,884	---
35 CMWS.....	---	26,825	---	26,825	---
36 COMMON INFRARED COUNTERMEASURES.....	---	6,337	---	6,337	---
OTHER SUPPORT					
37 AVIONICS SUPPORT EQUIPMENT.....	---	7,038	---	5,983	---
38 COMMON GROUND EQUIPMENT.....	---	47,404	---	47,404	---
39 AIRCREW INTEGRATED SYSTEMS.....	---	47,066	---	37,135	---
40 AIR TRAFFIC CONTROL.....	---	83,790	---	83,790	---
41 INDUSTRIAL FACILITIES.....	---	1,397	---	1,397	---
42 LAUNCHER, 2.75 ROCKET.....	---	1,911	---	1,911	---
TOTAL, SUPPORT EQUIPMENT AND FACILITIES.....	---	298,565	---	278,870	---
TOTAL, AIRCRAFT PROCUREMENT, ARMY.....	---	4,149,894	---	4,456,533	---

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
4 MQ-1 UAV Program increase - one aircraft	30,206	45,309 15,103	15,103
6 UH-72 LAKOTA LIGHT UTILITY HELICOPTER Program increase - seven aircraft	108,383	166,683 58,300	58,300
11 UH-60 BLACKHAWK M MODEL (MYP) Program increase - eight aircraft for the Army National Guard	938,308	1,046,308 108,000	108,000
14 CH-47 HELICOPTER Program increase - four aircraft Other support costs undefined	202,576	338,976 140,000 -3,600	136,400
17 MQ-1 PAYLOAD - UAS Program increase - target location accuracy	5,910	15,910 10,000	10,000
18 UNIVERSAL GROUND CONTROL EQUIPMENT Insufficient budget justification	15,000	13,500 -1,500	-1,500
24 ARL SEMA MODS (MIP) Insufficient budget justification	11,650	10,485 -1,165	-1,165
25 EMARSS SEMA MODS (MIP) Installation cost growth	15,279	6,475 -8,804	-8,804
27 UTILITY HELICOPTER MODS Program increase - enhanced ballistic armor protection systems	5,900	15,900 10,000	10,000
33 AIRCRAFT SURVIVABILITY EQUIPMENT A kit cost growth Historical underexecution	70,913	62,204 -1,209 -7,500	-8,709
37 AVIONICS SUPPORT EQUIPMENT Insufficient budget justification	7,038	5,983 -1,055	-1,055
39 AIRCREW INTEGRATED SYSTEMS Air SS airframe kits unit cost growth Historical underexecution	47,066	37,135 -8,470 -1,461	-9,931

UH-60 BLACK HAWK

The Committee recommendation includes \$1,046,308,000 for the procurement of 56 UH-60 Black Hawk M models, an increase of \$108,000,000 and eight aircraft above the budget request. Of the 48 aircraft funded within the fiscal year 2018 President's budget request, 12 are designated only for the Army National Guard. Additionally, the eight aircraft included above the request are also designated only for the Army National Guard.

MISSILE PROCUREMENT, ARMY

Fiscal year 2017 appropriation	\$1,533,804,000
Fiscal year 2018 budget request	2,519,054,000
Committee recommendation	2,581,600,000
Change from budget request	+62,546,000

The Committee recommends an appropriation of \$2,581,600,000 for Missile Procurement, Army which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	QTY	AMOUNT	QTY	AMOUNT
MISSILE PROCUREMENT, ARMY				
OTHER MISSILES				
SURFACE-TO-AIR MISSILE SYSTEM				
1	LOWER TIER AIR AND MISSILE DEFENSE (AMD).....	---	140,826	---
			136,778	---
2	MSE MISSILE.....	93	459,040	93
			456,500	---
3	INDIRECT FIRE PROTECTION CAPABILITY.....	---	57,742	---
			57,742	---
AIR-TO-SURFACE MISSILE SYSTEM				
5	HELLFIRE SYS SUMMARY.....	998	94,790	1,104
			104,860	+106
6	JOINT AIR-TO-GROUND MSLS (JAGM)	824	178,432	824
			160,126	---
ANTI-TANK/ASSAULT MISSILE SYSTEM				
8	JAVELIN (AAWS-M) SYSTEM SUMMARY.....	525	110,123	525
			110,123	---
9	TOW 2 SYSTEM SUMMARY.....	1,156	85,851	1,156
			85,851	---
10	TOW 2 SYSTEM SUMMARY (AP-CV).....	---	19,949	---
			19,949	---
11	GUIDED MLRS ROCKET (GMLRS).....	4,458	595,182	4,458
			604,215	---
12	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR).....	3,306	28,321	3,306
			20,421	---
TOTAL, OTHER MISSILES.....		1,770,266	1,756,565	-13,691
MODIFICATION OF MISSILES				
MODIFICATIONS				
15	PATRIOT MODS.....	---	329,073	---
			339,073	---
16	ATACMS MODS.....	---	116,040	---
			184,096	---
17	GMLRS MOD.....	---	531	---
			531	---
18	STINGER MODS.....	---	63,090	---
			63,090	---
19	AVENGER MODS.....	---	62,931	---
			62,931	---
20	ITAS/TOW MODS.....	---	3,500	---
			3,500	---
21	MLRS MODS.....	---	138,235	---
			138,235	---
22	HIMARS MODIFICATIONS.....	---	9,566	---
			9,566	---
TOTAL, MODIFICATION OF MISSILES.....		722,966	801,022	+78,056

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT

SPARES AND REPAIR PARTS						
23 SPARES AND REPAIR PARTS.....	---	18,915	---	17,096	---	-1,819

SUPPORT EQUIPMENT AND FACILITIES						
24 AIR DEFENSE TARGETS.....	---	5,728	---	5,728	---	---
26 PRODUCTION BASE SUPPORT.....	---	1,189	---	1,189	---	---

TOTAL, SUPPORT EQUIPMENT AND FACILITIES.....		6,917		6,917		---

TOTAL, MISSILE PROCUREMENT, ARMY.....		2,519,054		2,581,600		+62,546
		=====		=====		=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 LOWER TIER AIR AND MISSILE DEFENSE (AMD)	140,826	136,778	-4,048
System engineering/project management cost growth		-1,500	
Recurring logistics growth		-2,548	
2 MSE MISSILE	459,040	456,500	-2,540
Obsolescence cost growth		-1,540	
System engineering/project management cost growth		-1,000	
5 HELLFIRE SYS SUMMARY	94,790	104,860	10,070
Program increase - 106 missiles		10,070	
6 JOINT AIR-TO-GROUND MSLS (JAGM)	178,432	160,126	-18,306
Unit cost growth		-18,306	
11 GUIDED MLRS ROCKET (GMLRS)	595,182	604,215	9,033
Program increase		13,000	
Unit cost growth		-3,967	
12 MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	28,321	20,421	-7,900
Historical underexecution		-7,900	
15 PATRIOT MODS	329,073	339,073	10,000
Program increase - information coordination systems		10,000	
16 ATACMS MODS	116,040	184,096	68,056
Program increase - 75 missiles		69,400	
Historical underexecution		-1,344	
23 SPARES AND REPAIR PARTS	18,915	17,096	-1,819
Insufficient budget justification		-1,819	

PROCUREMENT OF WEAPONS AND TRACKED COMBAT
VEHICLES, ARMY

Fiscal year 2017 appropriation	\$2,229,455,000
Fiscal year 2018 budget request	2,423,608,000
Committee recommendation	3,556,175,000
Change from budget request	+1,132,567,000

The Committee recommends an appropriation of \$3,556,175,000 for Procurement of Weapons and Tracked Combat Vehicles, Army which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES (M&TCV), ARMY							
TRACKED COMBAT VEHICLES							
1	BRADLEY PROGRAM.....	---	---	---	283,050	---	+283,050
2	ARMORED MULTI PURPOSE VEHICLE (AMPV).....	42	193,715	42	304,415	---	+110,700
MODIFICATION OF TRACKED COMBAT VEHICLES							
4	STRYKER (MOD).....	---	97,552	---	96,552	---	-1,000
5	STRYKER UPGRADE.....	---	---	---	348,000	---	+348,000
6	BRADLEY PROGRAM (MOD).....	---	444,851	---	431,746	---	-13,105
7	M109 FOV MODIFICATIONS.....	---	64,230	---	57,642	---	-6,588
8	PALADIN P1PM MOD IN SERVICE.....	59	646,413	59	646,413	---	---
9	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES).....	16	72,402	16	153,378	---	+80,976
10	ASSAULT BRIDGE (MOD).....	---	5,855	---	5,855	---	---
11	ASSAULT BREACHER VEHICLE.....	7	34,221	7	34,221	---	---
12	M88 FOV MODS.....	---	4,826	---	4,826	---	---
13	JOINT ASSAULT BRIDGE.....	27	128,350	27	128,350	---	---
14	M1 ABRAMS TANK (MOD).....	---	248,826	---	221,003	---	-27,823
15	ABRAMS UPGRADE PROGRAM.....	20	275,000	20	641,240	---	+366,240
TOTAL, TRACKED COMBAT VEHICLES.....			2,216,241		3,356,691		+1,140,450
WEAPONS AND OTHER COMBAT VEHICLES							
18	M240 MEDIUM MACHINE GUN (7.62MM).....	---	1,992	---	1,992	---	---
19	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON.....	---	6,520	---	6,520	---	---
20	MORTAR SYSTEMS.....	---	21,452	---	19,307	---	-2,145
21	XM320 GRENADE LAUNCHER MODULE (GLM).....	---	4,524	---	3,360	---	-1,164
23	CARBINE.....	---	43,150	---	43,150	---	---
24	COMMON REMOTELY OPERATED WEAPONS STATION.....	---	750	---	750	---	---
25	MODULAR HANDGUN SYSTEM.....	---	8,326	---	8,326	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
MOD OF WEAPONS AND OTHER COMBAT VEH						
26 MK-19 GRENADE MACHINE GUN MODS.....	---	2,000	---	2,000	---	---
27 M777 MODS.....	---	3,985	---	1,615	---	-2,370
28 M4 CARBINE MODS.....	---	31,315	---	31,069	---	-246
29 M2 50 CAL MACHINE GUN MODS.....	---	47,414	---	47,414	---	---
30 M249 SAW MACHINE GUN MODS.....	---	3,339	---	3,339	---	---
31 M240 MEDIUM MACHINE GUN MODS.....	---	4,577	---	4,577	---	---
32 SNIPER RIFLES MODIFICATIONS.....	---	1,488	---	1,488	---	---
33 M119 MODIFICATIONS.....	---	12,678	---	11,411	---	-1,267
34 MORTAR MODIFICATION.....	---	3,998	---	3,307	---	-691
35 MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV).....	---	2,219	---	2,219	---	---
SUPPORT EQUIPMENT AND FACILITIES						
36 ITEMS LESS THAN \$5.0M (WOCV-WTCV).....	---	5,075	---	5,075	---	---
37 PRODUCTION BASE SUPPORT (WOCV-WTCV).....	---	992	---	992	---	---
39 SMALL ARMS EQUIPMENT (SOLDIER ENH PROG).....	---	1,573	---	1,573	---	---
TOTAL, WEAPONS AND OTHER COMBAT VEHICLES.....		207,367		199,484		-7,883
TOTAL, PROCUREMENT OF W&TCV, ARMY.....		2,423,608		3,556,175		+1,132,567

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 BRADLEY PROGRAM	0	283,050	283,050
Program increase - 85 vehicles		283,050	
2 ARMORED MULTI-PURPOSE VEHICLE	193,715	304,415	110,700
Program increase - 24 vehicles		110,700	
4 STRYKER (MOD)	97,522	96,522	-1,000
C4I obsolescence engineer support growth		-1,000	
5 STRYKER UPGRADE	0	348,000	348,000
Program increase - 116 Double V-Hull upgrades		348,000	
6 BRADLEY PROGRAM (MOD)	444,851	431,746	-13,105
ECP1 modification unit cost growth		-13,105	
7 M109 FOV Modifications	64,230	57,642	-6,588
Historical underexecution		-6,588	
9 IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	72,402	153,378	80,976
Program increase - 19 vehicles		85,975	
Fielding costs for unfunded RAA items		-1,175	
Management costs for unfunded RAA items		-3,824	
14 M1 ABRAMS TANK (MOD)	248,826	221,003	-27,823
CROWS field upgrade unit cost growth		-27,823	
15 ABRAMS UPGRADE PROGRAM	275,000	641,240	366,240
Program increase - 29 tanks		375,000	
Government support cost growth		-8,760	
20 MORTAR SYSTEMS	21,452	19,307	-2,145
Insufficient budget justification		-2,145	
21 XM320 GRENADE LAUNCHER MODULE (GLM)	4,524	3,360	-1,164
Historical underexecution		-1,164	
27 M777 MODS	3,985	1,615	-2,370
Historical underexecution		-2,370	
28 M4 CARBINE MODS	31,315	31,069	-246
Improved weapons cleaning kit unit price growth		-246	
33 M119 MODIFICATIONS	12,678	11,411	-1,267
Insufficient budget justification		-1,267	
34 MORTAR MODIFICATION	3,998	3,307	-691
Historical underexecution		-691	

PROCUREMENT OF AMMUNITION, ARMY

Fiscal year 2017 appropriation	\$1,483,566,000
Fiscal year 2018 budget request	1,879,283,000
Committee recommendation	1,811,808,000
Change from budget request	- 67,475,000

The Committee recommends an appropriation of \$1,811,808,000 for Procurement of Ammunition, Army which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

PROCUREMENT OF AMMUNITION, ARMY							
AMMUNITION							
SMALL/MEDIUM CAL AMMUNITION							
1	CTG. 5.56MM, ALL TYPES.....	---	39,767	---	37,467	---	-2,300
2	CTG. 7.62MM, ALL TYPES.....	---	46,804	---	46,425	---	-379
3	CTG. HANDGUN, ALL TYPES.....	---	10,413	---	9,372	---	-1,041
4	CTG. .50 CAL, ALL TYPES.....	---	62,837	---	62,837	---	---
5	CTG. 20MM, ALL TYPES.....	---	8,208	---	8,208	---	---
6	CTG. 25MM, ALL TYPES.....	---	8,640	---	8,640	---	---
7	CTG. 30MM, ALL TYPES.....	---	76,850	---	76,850	---	---
8	CTG. 40MM, ALL TYPES.....	---	108,189	---	108,189	---	---
MORTAR AMMUNITION							
9	80MM MORTAR, ALL TYPES.....	---	57,359	---	57,359	---	---
10	81MM MORTAR, ALL TYPES.....	---	49,471	---	49,471	---	---
11	120MM MORTAR, ALL TYPES.....	---	91,528	---	91,528	---	---
TANK AMMUNITION							
12	CTG TANK 105MM AND 120MM: ALL TYPES.....	---	133,500	---	133,500	---	---
ARTILLERY AMMUNITION							
13	CTG. ARTY, 75MM AND 105MM: ALL TYPES.....	---	44,200	---	44,200	---	---
14	ARTILLERY PROJECTILE, 155MM, ALL TYPES.....	---	187,149	---	187,149	---	---
15	PROJ 155MM EXTENDED RANGE XM982.....	480	49,000	480	38,210	---	-10,790
16	ARTILLERY PROPELLANTS, FUZES AND PRIMERS...	---	83,046	---	83,046	---	---
MINES							
17	MINES AND CLEARING CHARGES, ALL TYPES.....	---	3,942	---	2,387	---	-1,555
ROCKETS							
19	SHOULDER LAUNCHED MUNITIONS, ALL TYPES.....	---	5,000	---	5,000	---	---
20	ROCKET, HYDRA 70, ALL TYPES.....	---	161,155	---	115,265	---	-45,890

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST
	QTY	AMOUNT	QTY	AMOUNT	QTY
					AMOUNT
OTHER AMMUNITION					
21 CAD/PAD ALL TYPES.....	---	7,441	---	7,441	---
22 DEMOLITION MUNITIONS, ALL TYPES.....	---	19,345	---	17,603	---
23 GRENADES, ALL TYPES.....	---	22,759	---	22,615	---
24 SIGNALS, ALL TYPES.....	---	2,583	---	1,613	---
25 SIMULATORS, ALL TYPES.....	---	13,084	---	12,062	---
MISCELLANEOUS					
26 AMMO COMPONENTS, ALL TYPES.....	---	12,237	---	12,237	---
27 NON-LETHAL AMMUNITION, ALL TYPES.....	---	1,500	---	1,500	---
28 ITEMS LESS THAN \$5 MILLION.....	---	10,730	---	10,730	---
29 AMMUNITION PECULIAR EQUIPMENT.....	---	16,425	---	14,783	---
30 FIRST DESTINATION TRANSPORTATION (AMMO).....	---	15,221	---	15,221	---
TOTAL, AMMUNITION.....		1,348,383		1,280,908	-67,475
AMMUNITION PRODUCTION BASE SUPPORT					
32 PROVISION OF INDUSTRIAL FACILITIES.....	---	329,356	---	329,356	---
33 CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL.....	---	197,825	---	197,825	---
34 ARMS INITIATIVE.....	---	3,719	---	3,719	---
TOTAL, AMMUNITION PRODUCTION BASE SUPPORT.....		530,900		530,900	---
TOTAL, PROCUREMENT OF AMMUNITION, ARMY.....		1,879,283		1,811,808	-67,475
		=====		=====	=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 CTG, 5.56MM, ALL TYPES	39,767	37,467	-2,300
Clipped military pack unit cost growth		-2,300	
2 CTG, 7.62MM, ALL TYPES	46,804	46,425	-379
M80A1 ball linked, lead free unit cost growth		-379	
3 CTG, HANDGUN, ALL TYPES	10,413	9,372	-1,041
Insufficient budget justification		-1,041	
15 PROJ 155MM EXTENDED RANGE XM982	49,000	38,210	-10,790
Complete round unit cost growth		-10,790	
17 MINES AND CLEARING CHARGES	3,942	2,387	-1,555
Insufficient budget justification		-1,555	
20 ROCKET, HYDRA 70, ALL TYPES	161,155	115,265	-45,890
Ammo-HYDRA unit cost growth		-45,890	
22 DEMOLITION MUNITIONS, ALL TYPES	19,345	17,603	-1,742
Historical underexecution		-1,742	
23 GRENADES, ALL TYPES	22,759	22,615	-144
White smoke M83 unit cost growth		-144	
24 SIGNALS, ALL TYPES	2,583	1,613	-970
Historical underexecution		-970	
25 SIMULATORS, ALL TYPES	13,084	12,062	-1,022
Historical underexecution		-1,022	
29 AMMUNITION PECULIAR EQUIPMENT	16,425	14,783	-1,642
Insufficient budget justification		-1,642	

OTHER PROCUREMENT, ARMY

Fiscal year 2017 appropriation	\$6,147,328,000
Fiscal year 2018 budget request	6,469,331,000
Committee recommendation	6,356,044,000
Change from budget request	– 113,287,000

The Committee recommends an appropriation of \$6,356,044,000 for Other Procurement, Army which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST			COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
OTHER PROCUREMENT, ARMY							
TACTICAL AND SUPPORT VEHICLES							
TACTICAL VEHICLES							
1	TACTICAL TRAILERS/DOLLY SETS.....	---	9,716	---	9,716	---	---
2	SEMITRAILERS, FLATBED.....	---	14,151	---	12,736	---	-1,415
3	HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV)...	---	53,000	---	53,000	---	---
4	GROUND MOBILITY VEHICLES (GMV).....	---	40,935	---	40,935	---	---
5	ARNG HMMWV MODERNIZATION PROGRAM.....	---	---	---	100,000	---	+100,000
6	JOINT LIGHT TACTICAL VEHICLE.....	2,110	804,440	2,110	774,440	---	-30,000
7	TRUCK, DUMP, 20t (CCE).....	---	967	---	967	---	---
8	FAMILY OF MEDIUM TACTICAL VEH (FMTV).....	---	78,650	---	73,650	---	-5,000
9	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN.....	---	19,404	---	17,464	---	-1,940
10	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV).....	---	81,656	---	77,195	---	-4,461
11	PLS ESP.....	---	7,129	---	7,129	---	---
13	TACTICAL WHEELED VEHICLE PROTECTION KITS.....	---	43,040	---	42,040	---	-1,000
14	MODIFICATION OF IN SVC EQUIP.....	---	83,940	---	65,808	---	-18,132
NON-TACTICAL VEHICLES							
16	HEAVY ARMORED SEDAN.....	---	269	---	269	---	---
17	PASSENGER CARRYING VEHICLES.....	---	1,320	---	1,320	---	---
18	NONTACTICAL VEHICLES, OTHER.....	---	6,964	---	5,347	---	-1,617
TOTAL, TACTICAL AND SUPPORT VEHICLES.....			1,245,581		1,282,016		+36,435
COMMUNICATIONS AND ELECTRONICS EQUIPMENT							
COMM - JOINT COMMUNICATIONS							
19	WIN-T - GROUND FORCES TACTICAL NETWORK.....	---	420,492	---	420,492	---	---
20	SIGNAL MODERNIZATION PROGRAM.....	---	92,718	---	91,183	---	-1,535
21	TACTICAL NETWORK TECHNOLOGY MOD IN SERVICE.....	---	150,497	---	120,398	---	-30,099
22	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY.....	---	6,065	---	6,065	---	---
23	JCSE EQUIPMENT (USREDCOM).....	---	5,051	---	5,051	---	---
COMM - SATELLITE COMMUNICATIONS							
26	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS.....	---	161,383	---	157,944	---	-3,439
27	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS.....	---	62,600	---	62,600	---	---
28	SHF TERM.....	---	11,622	---	11,622	---	---
30	SMART-T (SPACE).....	---	6,799	---	6,799	---	---
31	GLOBAL BRDCST SVC - GBS.....	---	7,065	---	7,065	---	---
33	ENROUTE MISSION COMMAND (EMC).....	---	21,667	---	21,667	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
35 COMM - COMBAT SUPPORT COMM MOD OF IN-SERVICE PROFILER.....	---	70	---	70	---	---
36 COMM - C3 SYSTEM ARMY GLOBAL CMD & CONTROL SYS (AGCCS).....	---	2,658	---	2,658	---	---
38 COMM - COMBAT COMMUNICATIONS HANDHELD MANPACK SMALL FORM FIT (HMS).....	---	355,351	---	355,351	---	---
39 MID-TIER NETWORKING VEHICULAR RADIO (MNVN).....	---	25,100	---	22,174	---	-2,926
40 RADIO TERMINAL SET, MIDS LVT(2).....	---	11,160	---	11,160	---	---
42 TRACTOR DESK.....	---	2,041	---	2,041	---	---
43 TRACTOR RIDE.....	---	5,534	---	5,534	---	---
44 SPIDER APLA REMOTE CONTROL UNIT.....	---	996	---	996	---	---
45 SPIDER FAMILY OF NETWORKED MUNITIONS INCREASE.....	---	4,500	---	4,500	---	---
47 TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM.....	---	4,411	---	4,411	---	---
48 UNIFIED COMMAND SUITE.....	---	15,275	---	13,748	---	-1,527
49 FAMILY OF MED COMM FOR COMBAT CASUALTY CARE.....	---	15,964	---	14,368	---	-1,596
51 COMM - INTELLIGENCE COMM CI AUTOMATION ARCHITECTURE (MIP).....	---	9,560	---	9,560	---	---
52 DEFENSE MILITARY DECEPTION INITIATIVE.....	---	4,030	---	4,030	---	---
56 INFORMATION SECURITY COMMUNICATIONS SECURITY (COMSEC).....	---	107,804	---	104,484	---	-3,320
57 DEFENSIVE CYBER OPERATIONS.....	---	53,436	---	53,436	---	---
58 INSIDER THREAT PROGRAM - UNIT ACTIVITY MONITOR.....	---	690	---	690	---	---
59 PERSISTENT CYBER TRAINING ENVIRONMENT.....	---	4,000	---	4,000	---	---
60 COMM - LONG HAUL COMMUNICATIONS BASE SUPPORT COMMUNICATIONS.....	---	43,751	---	31,537	---	-12,214
61 COMM - BASE COMMUNICATIONS INFORMATION SYSTEMS.....	---	118,101	---	85,431	---	-32,670
62 EMERGENCY MANAGEMENT MODERNIZATION PROGRAM.....	---	4,490	---	4,490	---	---
63 HOME STATION MISSION COMMAND CENTERS (MSMCC).....	---	20,050	---	20,050	---	---
64 INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM.....	---	186,251	---	186,251	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
ELECT EQUIP						
ELECT EQUIP - TACT INT REL ACT (TIARA)						
67 JTT/CIBS-M (MIP).....	---	12,154	---	12,154	---	---
70 DCGS-A (MIP).....	---	274,782	---	274,782	---	---
72 TROJAN (MIP).....	---	16,052	---	16,052	---	---
73 MOD OF IN-SVC EQUIP (INTEL SPT) (MIP).....	---	51,034	---	51,034	---	---
74 CI HUMINT AUTO REPRTING AND COLL(CHARCS)(MIP).....	---	7,815	---	7,815	---	---
75 CLOSE ACCESS TARGET RECONNAISSANCE (CATR).....	---	8,050	---	8,050	---	---
76 MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM.....	---	567	---	567	---	---
ELECT EQUIP - ELECTRONIC WARFARE (EW)						
78 LIGHTWEIGHT COUNTER MORTAR RADAR.....	---	20,459	---	20,459	---	---
79 EW PLANNING AND MANAGEMENT TOOLS.....	---	5,805	---	5,805	---	---
80 AIR VIGILANCE (AV).....	---	5,348	---	5,348	---	---
83 COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES.....	---	469	---	469	---	---
84 CI MODERNIZATION (MIP).....	---	285	---	285	---	---
ELECT EQUIP - TACTICAL SURV. (TAC SURV)						
85 SENTINEL MODS.....	---	28,491	---	28,491	---	---
86 NIGHT VISION DEVICES.....	---	166,493	---	166,493	---	---
87 SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF.....	---	13,947	---	13,947	---	---
89 INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS.....	---	21,380	---	31,380	---	+10,000
90 FAMILY OF WEAPON SIGHTS (FWS).....	---	59,105	---	59,105	---	---
91 ARTILLERY ACCURACY EQUIP.....	---	2,129	---	2,129	---	---
93 JOINT BATTLE COMMAND - PLATFORM (JBC-P).....	---	282,549	---	282,549	---	---
94 JOINT EFFECTS TARGETING SYSTEM (JETS).....	---	48,664	---	48,664	---	---
95 MOD OF IN-SERVICE EQUIPMENT (LLDR).....	---	5,198	---	5,198	---	---
96 COMPUTER BALLISTICS: LHMC XM32.....	---	8,117	---	8,117	---	---
97 MORTAR FIRE CONTROL SYSTEM.....	---	31,813	---	31,813	---	---
98 COUNTERFIRE RADARS.....	---	329,057	---	324,430	---	-4,627

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
ELECT EQUIP - TACTICAL C2 SYSTEMS						
99 FIRE SUPPORT C2 FAMILY.....	---	8,700	---	8,700	---	---
100 AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD).....	---	26,635	---	26,635	---	---
102 LIFE CYCLE SOFTWARE SUPPORT (LCSS).....	---	1,992	---	1,992	---	---
103 NETWORK MANAGEMENT INITIALIZATION AND SERVICE.....	---	15,179	---	13,662	---	-1,517
104 MANEUVER CONTROL SYSTEM (MCS).....	---	132,572	---	132,572	---	---
105 GLOBAL COMBAT SUPPORT SYSTEM-ARMY.....	---	37,201	---	37,201	---	---
106 INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY.....	---	16,140	---	14,526	---	-1,614
107 RECONNAISSANCE AND SURVEYING INSTRUMENT SET.....	---	6,093	---	6,093	---	---
108 MOD OF IN-SERVICE EQUIPMENT (ENFIRE).....	---	1,134	---	1,134	---	---
ELECT EQUIP - AUTOMATION						
109 ARMY TRAINING MODERNIZATION.....	---	11,575	---	11,575	---	---
110 AUTOMATED DATA PROCESSING EQUIPMENT.....	---	91,983	---	91,983	---	---
111 GENERAL FUND ENTERPRISE BUSINESS SYSTEM.....	---	4,465	---	4,465	---	---
112 HIGH PERF COMPUTING MOD PROGRAM.....	---	66,363	---	66,363	---	---
113 CONTRACT WRITING SYSTEM.....	---	1,001	---	1,001	---	---
114 RESERVE COMPONENT AUTOMATION SYS (RCAS).....	---	26,183	---	26,183	---	---
ELECT EQUIP - AUDIO VISUAL SYS (A/V)						
115 TACTICAL DIGITAL MEDIA.....	---	4,441	---	4,441	---	---
116 ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT).....	---	3,414	---	3,414	---	---
ELECT EQUIP - SUPPORT						
117 PRODUCTION BASE SUPPORT (C-E).....	---	499	---	499	---	---
118 BCT EMERGING TECHNOLOGIES.....	---	25,050	---	25,050	---	---
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....		3,821,565		3,734,481		-87,084

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
OTHER SUPPORT EQUIPMENT						
CHEMICAL DEFENSIVE EQUIPMENT						
119 PROTECTIVE SYSTEMS.....	---	1,613	---	1,613	---	---
120 FAMILY OF NON-LETHAL EQUIPMENT (FNLE).....	---	9,696	---	9,696	---	---
122 CBRN DEFENSE.....	---	11,110	---	24,110	---	+13,000
BRIDGING EQUIPMENT						
123 TACTICAL BRIDGING.....	---	16,610	---	16,610	---	---
124 TACTICAL BRIDGE, FLOAT-RIBBON.....	---	21,761	---	21,761	---	---
126 COMMON BRIDGE TRANSPORTER RECAP.....	---	21,046	---	21,046	---	---
ENGINEER (NON-CONSTRUCTION) EQUIPMENT						
127 HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST.....	---	5,000	---	5,000	---	---
128 GROUND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS).....	---	32,442	---	32,442	---	---
129 AREA MINE DETECTION SYSTEM (AMIDS).....	---	10,571	---	10,571	---	---
130 HUSKY MOUNTED DETECTION SYSTEM (HMDS).....	---	21,695	---	21,695	---	---
131 ROBOTIC COMBAT SUPPORT SYSTEM.....	---	4,516	---	4,516	---	---
132 EOD ROBOTICS SYSTEMS RECAPITALIZATION.....	---	10,073	---	10,073	---	---
133 ROBOTICS AND APPLIQUE SYSTEMS.....	---	3,000	---	3,000	---	---
135 REMOTE DEMOLITION SYSTEMS.....	---	5,847	---	4,454	---	-1,393
136 ITEMS LESS THAN \$5M, COUNTERMINE EQUIPMENT.....	---	1,530	---	1,530	---	---
137 FAMILY OF BOATS AND MOTORS.....	---	4,302	---	4,302	---	---
COMBAT SERVICE SUPPORT EQUIPMENT						
138 HEATERS AND ECU'S.....	---	7,405	---	7,405	---	---
139 SOLDIER ENHANCEMENT.....	---	1,095	---	1,095	---	---
140 PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS).....	---	5,390	---	5,390	---	---
141 GROUND SOLDIER SYSTEM.....	---	38,219	---	38,219	---	---
142 MOBILE SOLDIER POWER.....	---	10,456	---	6,431	---	-4,025
144 FIELD FEEDING EQUIPMENT.....	---	15,340	---	13,792	---	-1,548
145 CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM.....	---	30,607	---	30,607	---	---
146 FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS.....	---	10,426	---	10,426	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
PETROLEUM EQUIPMENT						
148 QUALITY SURVEILLANCE EQUIPMENT.....	---	6,903	---	6,903	---	---
149 DISTRIBUTION SYSTEMS, PETROLEUM & WATER.....	---	47,597	---	43,622	---	-3,975
MEDICAL EQUIPMENT						
150 COMBAT SUPPORT MEDICAL.....	---	43,343	---	51,343	---	+8,000
MAINTENANCE EQUIPMENT						
151 MOBILE MAINTENANCE EQUIPMENT SYSTEMS.....	---	33,774	---	33,774	---	---
152 ITEMS LESS THAN \$5.0M (MAINT EQ).....	---	2,728	---	2,728	---	---
CONSTRUCTION EQUIPMENT						
153 GRADER, ROAD MTZD, HVY, 6X4 (CCE).....	---	989	---	989	---	---
154 SCRAPERS, EARTHMOVING.....	---	11,180	---	11,180	---	---
157 ALL TERRAIN CRANES.....	---	8,935	---	8,935	---	---
159 HIGH MOBILITY ENGINEER EXCAVATOR (HME) FOS.....	---	64,339	---	42,169	---	-22,170
160 ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP.....	---	2,563	---	2,563	---	---
162 CONST EQUIP ESP.....	---	19,032	---	17,132	---	-1,900
163 ITEMS LESS THAN \$5.0M (CONST EQUIP).....	---	6,899	---	6,899	---	---
RAIL FLOAT CONTAINERIZATION EQUIPMENT						
164 ARMY WATERCRAFT ESP.....	---	20,110	---	20,110	---	---
165 ITEMS LESS THAN \$5.0M (FLOAT/RAIL).....	---	2,877	---	2,877	---	---
GENERATORS						
166 GENERATORS AND ASSOCIATED EQUIPMENT.....	---	115,635	---	98,377	---	-17,258
MATERIAL HANDLING EQUIPMENT						
167 TACTICAL ELECTRIC POWER RECAPITALIZATION.....	---	7,436	---	7,436	---	---
168 FAMILY OF FORKLIFTS.....	---	9,000	---	9,000	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
TRAINING EQUIPMENT						
169 COMBAT TRAINING CENTERS SUPPORT.....	---	88,888	---	82,888	---	-6,000
170 TRAINING DEVICES, NONSYSTEM.....	---	285,989	---	266,759	---	-19,230
171 CLOSE COMBAT TACTICAL TRAINER.....	---	45,718	---	45,718	---	---
172 AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA).....	---	30,568	---	30,568	---	---
173 GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING.....	---	5,406	---	5,406	---	---
TEST MEASURE AND DIG EQUIPMENT (TMD)						
174 CALIBRATION SETS EQUIPMENT.....	---	5,564	---	5,564	---	---
175 INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE).....	---	30,144	---	29,144	---	-1,000
176 TEST EQUIPMENT MODERNIZATION (TENOD).....	---	7,771	---	7,771	---	---
OTHER SUPPORT EQUIPMENT						
177 M25 STABILIZED BINOCULAR.....	---	3,956	---	3,956	---	---
178 RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT.....	---	5,000	---	5,000	---	---
179 PHYSICAL SECURITY SYSTEMS (OPA3).....	---	60,047	---	54,908	---	-5,139
180 BASE LEVEL COM'L EQUIPMENT.....	---	13,239	---	13,239	---	---
181 MODIFICATION OF IN-SVC EQUIPMENT (OPA-3).....	---	60,192	---	60,192	---	---
182 PRODUCTION BASE SUPPORT (OTH).....	---	2,271	---	2,271	---	---
183 SPECIAL EQUIPMENT FOR USER TESTING.....	---	5,319	---	5,319	---	---
184 TRACTOR YARD.....	---	5,935	---	5,935	---	---
TOTAL, OTHER SUPPORT EQUIPMENT.....		1,359,097		1,296,459		-62,638
SPARE AND REPAIR PARTS						
186 INITIAL SPARES - C&E.....	---	38,269	---	38,269	---	---
999 CLASSIFIED PROGRAMS.....	---	4,819	---	4,819	---	---
TOTAL, OTHER PROCUREMENT, ARMY.....		6,469,331		6,356,044		-113,287
		=====		=====		=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
2 SEMITRAILERS, FLATBED	14,151	12,736	-1,415
Insufficient budget justification		-1,415	
5 ARMY NATIONAL GUARD HMMWV MODERNIZATION	0	100,000	100,000
Program increase		100,000	
6 JOINT LIGHT TACTICAL VEHICLE	804,440	774,440	-30,000
Insufficient budget justification		-30,000	
8 FAMILY OF MEDIUM TACTICAL VEH (FMTV)	78,650	73,650	-5,000
Schedule slip		-5,000	
9 FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT	19,404	17,464	-1,940
Insufficient budget justification		-1,940	
10 FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	81,656	77,195	-4,461
Trailers unit cost growth		-3,238	
System engineering growth		-1,223	
13 TACTICAL WHEELED VEHICLE PROTECTION KITS	43,040	42,040	-1,000
Engineering/program management growth		-1,000	
14 MODIFICATION OF IN SVC EQUIP	83,940	65,808	-18,132
Installation cost growth		-18,132	
18 NONTACTICAL VEHICLES, OTHER	6,964	5,347	-1,617
Insufficient budget justification		-1,617	
20 SIGNAL MODERNIZATION PROGRAM	92,718	91,183	-1,535
Cellular solution hardware unit cost growth		-189	
TROPO hardware equipment unit cost growth		-1,346	
21 TACTICAL NETWORK TECHNOLOGY MOD IN SVC	150,497	120,398	-30,099
Insufficient budget justification		-30,099	
26 DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS	161,383	157,944	-3,439
Program management growth		-1,120	
Common network planning system unit cost growth		-978	
Remote monitor control unit cost growth		-1,341	
39 MID-TIER NETWORKING VEHICULAR RADIO (MNVR)	25,100	22,174	-2,926
Program management administration cost growth		-2,926	
48 UNIFIED COMMAND SUITE	15,275	13,748	-1,527
Insufficient budget justification		-1,527	
49 FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	15,964	14,368	-1,596
Insufficient budget justification		-1,596	
56 COMMUNICATIONS SECURITY (COMSEC)	107,804	104,484	-3,320
In-line network encryptors unit cost growth		-1,905	
Government management increases		-1,415	

P-1	Budget Request	Committee Recommended	Change from Request
60 BASE SUPPORT COMMUNICATIONS	43,751	31,537	-12,214
Commercial LMR systems unit cost growth		-19,214	
Program increase - USAEUR land mobile radio		7,000	
61 INFORMATION SYSTEMS	118,101	85,431	-32,670
Historical underexecution		-32,670	
89 INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	21,380	31,380	10,000
Program increase - RAM warn communication enhancement		10,000	
98 COUNTERFIRE RADARS	329,057	324,430	-4,627
Hardware unit cost growth		-3,630	
Program management cost growth		-997	
103 NETWORK MANAGEMENT INITIALIZATION AND SERVICE	15,179	13,662	-1,517
Insufficient budget justification		-1,517	
106 INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY	16,140	14,526	-1,614
Insufficient budget justification		-1,614	
122 CBRN SOLDIER PROTECTION	11,110	24,110	13,000
Program increase - personal dosimeters		13,000	
135 REMOTE DEMOLITION SYSTEMS	5,847	4,454	-1,393
Historical underexecution		-1,393	
142 MOBILE SOLDIER POWER	10,456	6,431	-4,025
Historical underexecution		-4,025	
144 FIELD FEEDING EQUIPMENT	15,340	13,792	-1,548
Insufficient budget justification		-1,548	
149 DISTRIBUTION SYSTEMS, PETROLEUM & WATER	47,597	43,622	-3,975
Historical underexecution		-3,975	
150 COMBAT SUPPORT MEDICAL	43,343	51,343	8,000
Program increase		8,000	
159 HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	64,339	42,169	-22,170
Hardware unit cost growth		-22,170	
162 CONST EQUIP ESP	19,032	17,132	-1,900
Insufficient budget justification		-1,900	
166 GENERATORS AND ASSOCIATED EQUIPMENT	115,635	98,377	-17,258
Historical underexecution		-17,258	
169 COMBAT TRAINING CENTERS SUPPORT	88,888	82,888	-6,000
Lifecycle activities cost growth		-6,000	
170 TRAINING DEVICES, NONSYSTEM	285,989	266,759	-19,230
Targeting system hardware unit cost growth		-6,517	
Digital range training system unit cost growth		-11,813	
Integrating architecture technology refresh excess growth		-900	
175 INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	30,144	29,144	-1,000
Spares and repair cost growth		-1,000	

P-1	Budget Request	Committee Recommended	Change from Request
179 PHYSICAL SECURITY SYSTEMS (OPA3)	60,047	54,908	-5,139
A/E hardware unit cost growth		-5,139	

LAND MOBILE RADIO NETWORK IN EUROPE

The Committee commends Army efforts to move forward on modernizing its land mobile radio network in Europe. Moving to a joint United States Air Forces in Europe—United States Army Europe land mobile radio system supports broader joint information environment goals and will potentially generate cost savings. However, the Committee remains concerned about ongoing land mobile radio shortfalls on numerous United States Army Europe installations, which may compromise the ability to provide effective force protection in the event of a terrorist attack. The Committee urges the Secretary of the Army to prioritize funding for continued land mobile radio upgrades across all United States Army Europe installations in fiscal year 2018.

SOLDIER BORNE SENSOR

The Committee supports the establishment of a soldier borne sensor program to develop a squad-level situational awareness tool that provides near real-time, high-fidelity video feeds. This capability may reduce warfighter exposure to threats while enhancing squad maneuvers. The Committee is concerned that the Army's proposed single year acquisition strategy for the soldier borne sensor will result in higher unit costs. The Committee directs the Secretary of the Army to provide a report to the House Appropriations Committee not later than August 15, 2017 on the acquisition approach the Army is pursuing and the rationale for the option selected.

AIRCRAFT PROCUREMENT, NAVY

Fiscal year 2017 appropriation	\$16,135,335,000
Fiscal year 2018 budget request	15,056,235,000
Committee recommendation	17,908,270,000
Change from budget request	+2,852,035,000

The Committee recommends an appropriation of \$17,908,270,000 for Aircraft Procurement, Navy which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT		COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
AIRCRAFT PROCUREMENT, NAVY								
COMBAT AIRCRAFT								
2	F/A-18E/F (FIGHTER) HORNET (MYP).....	14	1,200,146	24	1,819,093	+10	+618,947	
3	F/A-18E/F (FIGHTER) HORNET (MYP) (AP).....	---	52,971	---	52,971	---	---	
4	JOINT STRIKE FIGHTER CV.....	4	582,324	10	1,382,324	+6	+800,000	
5	JOINT STRIKE FIGHTER CV (AP-CY).....	---	263,112	---	263,112	---	---	
6	JSF STOVL.....	20	2,398,139	24	3,018,747	+4	+620,608	
7	JSF STOVL (AP-CY).....	---	413,450	---	413,450	---	---	
8	CH-53K (HEAVY LIFT)	4	567,605	4	538,416	---	-29,189	
9	CH-53K (HEAVY LIFT) (AP-CY).....	---	147,046	---	147,046	---	---	
10	V-22 (MEDIUM LIFT).....	6	677,404	12	1,191,496	+6	+514,092	
11	V-22 (MEDIUM LIFT) (AP-CY).....	---	27,422	---	23,389	---	-4,033	
12	UH-1Y/AH-1Z.....	22	678,429	29	896,267	+7	+217,838	
13	UH-1Y/AH-1Z (AP-CY).....	---	42,082	---	37,607	---	-4,475	
16	P-8A POSEIDON.....	7	1,245,251	7	1,218,295	---	-26,956	
17	P-8A POSEIDON (AP-CY).....	---	140,333	---	140,333	---	---	
18	E-2D ADV HAWKEYE.....	5	733,910	5	733,910	---	---	
19	E-2D ADV HAWKEYE (AP-CY).....	---	102,026	---	102,026	---	---	
TOTAL, COMBAT AIRCRAFT.....			9,271,650		11,978,482		+2,706,832	

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
OTHER AIRCRAFT							
20	C-40.....	---	---	2	207,000	+2	+207,000
22	KC-130J.....	2	129,577	3	218,577	+1	+89,000
23	KC-130J (AP-CY).....	---	25,497	---	25,497	---	---
24	MQ-4 TRITON.....	3	522,126	3	488,853	---	-33,273
25	MQ-4 TRITON (AP-CY).....	---	57,266	---	57,266	---	---
26	MQ-8 UAV.....	---	49,472	6	128,812	+6	+79,340
27	STUASLO UAV.....	---	880	---	880	---	---
TOTAL, OTHER AIRCRAFT.....			784,818		1,126,885		+342,067
MODIFICATION OF AIRCRAFT							
30	AEA SYSTEMS.....	---	52,960	---	49,823	---	-3,137
31	AV-8 SERIES.....	---	43,555	---	39,178	---	-4,377
32	ADVERSARY.....	---	2,565	---	2,565	---	---
33	F-18 SERIES.....	---	1,043,661	---	982,434	---	-61,227
34	H-53 SERIES.....	---	38,712	---	38,712	---	---
35	SH-60 SERIES.....	---	95,333	---	83,853	---	-11,480
36	H-1 SERIES.....	---	101,886	---	99,306	---	-2,580
37	EP-3 SERIES.....	---	7,231	---	7,231	---	---
38	P-3 SERIES.....	---	700	---	700	---	---
39	E-2 SERIES.....	---	97,563	---	93,207	---	-4,356
40	TRAINER A/C SERIES.....	---	8,184	---	8,184	---	---
41	C-2A.....	---	18,673	---	16,806	---	-1,867
42	C-130 SERIES.....	---	83,541	---	77,967	---	-5,574
43	FEWSG.....	---	630	---	630	---	---
44	CARGO/TRANSPORT A/C SERIES.....	---	10,075	---	9,067	---	-1,008
45	E-6 SERIES.....	---	223,508	---	204,141	---	-19,367
46	EXECUTIVE HELICOPTERS SERIES.....	---	38,787	---	38,787	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
47 SPECIAL PROJECT AIRCRAFT.....	---	8,304	---	8,304	---	---
48 T-45 SERIES.....	---	148,071	---	138,937	---	-9,134
49 POWER PLANT CHANGES.....	---	19,827	---	17,898	---	-1,929
50 JPATS SERIES.....	---	27,007	---	27,007	---	---
51 COMMON ECM EQUIPMENT.....	---	146,642	---	144,554	---	-2,088
52 COMMON AVIONICS CHANGES.....	---	123,507	---	107,513	---	-15,994
53 COMMON DEFENSIVE WEAPON SYSTEM.....	---	2,317	---	2,317	---	---
54 ID SYSTEMS.....	---	49,524	---	49,524	---	---
55 P-8 SERIES.....	---	18,665	---	16,798	---	-1,867
56 MAGTF EW FOR AVIATION.....	---	10,111	---	9,100	---	-1,011
57 MQ-8 SERIES.....	---	32,361	---	27,476	---	-4,885
59 V-22 (TILT/ROTOR ACFT) OSPREY.....	---	228,321	---	211,841	---	-16,480
60 F-35 STOVL SERIES.....	---	34,963	---	34,963	---	---
61 F-35 CV SERIES.....	---	31,689	---	31,689	---	---
62 QUICK REACTION CAPABILITY (QRC).....	---	24,766	---	24,766	---	---
63 MQ-4 SERIES.....	---	39,996	---	39,996	---	---
TOTAL, MODIFICATION OF AIRCRAFT.....		2,813,635		2,645,274		-168,361
AIRCRAFT SPARES AND REPAIR PARTS						
64 SPARES AND REPAIR PARTS.....	---	1,681,914	---	1,681,914	---	---
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
65 COMMON GROUND EQUIPMENT.....	---	388,052	---	359,549	---	-28,503
66 AIRCRAFT INDUSTRIAL FACILITIES.....	---	24,613	---	24,613	---	---
67 WAR CONSUMABLES.....	---	39,614	---	39,614	---	---
68 OTHER PRODUCTION CHARGES.....	---	1,463	---	1,463	---	---
69 SPECIAL SUPPORT EQUIPMENT.....	---	48,500	---	48,500	---	---
70 FIRST DESTINATION TRANSPORTATION.....	---	1,976	---	1,976	---	---
TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES.....		504,218		475,715		-28,503
TOTAL, AIRCRAFT PROCUREMENT, NAVY.....		15,056,235		17,908,270		+2,852,035
		=====		=====		=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
2 F/A-18E/F (FIGHTER) HORNET (MYP)	1,200,146	1,819,093	618,947
Unit cost growth		-82,754	
Excess production support		-37,299	
Program increase - ten aircraft		739,000	
4 JOINT STRIKE FIGHTER CV	582,324	1,382,324	800,000
Program increase - four aircraft for the Navy		540,000	
Program increase - two aircraft for the Marine Corps		260,000	
6 JSF STOVL	2,398,139	3,018,747	620,608
Ancillary equipment excess growth		-10,992	
Program increase - four aircraft		616,600	
Program increase - additional tooling		15,000	
8 CH-53K (HEAVY LIFT)	567,605	538,416	-29,189
Pubs/tech data unjustified growth		-19,120	
Field activities previously funded		-10,069	
10 V-22 (MEDIUM LIFT)	677,404	1,191,496	514,092
Engine cost growth		-7,908	
Program increase - four aircraft for the Navy		356,000	
Program increase - two aircraft for the Marine Corps		166,000	
11 V-22 (MEDIUM LIFT) (AP-CY)	27,422	23,389	-4,033
Excess growth		-4,033	
12 UH-1Y/AH-1Z	678,429	896,267	217,838
Airframe unit cost growth		-2,662	
Program increase - seven aircraft		220,500	
13 UH-1Y/AH-1Z (AP-CY)	42,082	37,607	-4,475
Excess growth		-4,475	
16 P-8A POSEIDON	1,245,251	1,218,295	-26,956
CFE electronics cost growth		-4,841	
Non-recurring excess growth		-22,115	
20 C-40	0	207,000	207,000
Program increase - two aircraft for the Marine Corps		207,000	
22 KC-130J	129,577	218,577	89,000
Program increase - one aircraft for the Marine Corps		89,000	
24 MQ-4 TRITON	522,126	488,853	-33,273
Other GFE excess growth		-7,000	
Other costs excess growth		-6,786	
Other ILS excess growth		-19,487	
26 MQ-8 UAV	49,472	128,812	79,340
Production line shutdown early to need		-4,660	
Program increase - six aircraft		84,000	
30 AEA SYSTEMS	52,960	49,823	-3,137
Support equipment previously funded (OSIP 007-11)		-3,137	

P-1	Budget Request	Committee Recommended	Change from Request
31 AV-8 SERIES	43,555	39,178	-4,377
Digital interoperability installation (OSIP 014-16)		-2,675	
Litening pod recurring costs excess growth (OSIP 023-00)		-1,702	
33 F-18 SERIES	1,043,661	982,434	-61,227
NRE excess growth (OSIP 11-84)		-9,691	
Excess installations (OSIP 11-84)		-3,202	
Other support excess growth (OSIP 12-99)		-6,654	
Installation kit non-recurring cost growth (OSIP 23-04)		-3,869	
Excess support cost growth (OSIP 002-07)		-9,413	
Excess installation growth (OSIP 002-07)		-4,861	
Support equipment excess growth (OSIP 011-10)		-4,840	
Kit cost growth (OSIP 11-13)		-8,394	
Support cost growth (OSIP 018-14)		-10,303	
35 SH-60 SERIES	95,333	83,853	-11,480
Kit cost growth (OSIP 001-06)		-11,480	
36 H-1 SERIES	101,886	99,306	-2,580
Excess installation (OSIP 016-12)		-2,580	
39 E-2 SERIES	97,563	93,207	-4,356
Excess support growth (OSIP 005-01)		-4,356	
41 C-2A	18,673	16,806	-1,867
Insufficient budget justification		-1,867	
42 C-130 SERIES	83,541	77,967	-5,574
NRE unjustified growth (OSIP 022-07)		-5,574	
44 CARGO/TRANSPORT A/C SERIES	10,075	9,067	-1,008
Insufficient budget justification		-1,008	
45 E-6 SERIES	223,508	204,141	-19,367
Excess support growth (OSIP 011-18)		-2,000	
Installation kit NRE excess growth (OSIP 012-07)		-3,577	
Installation excess growth (OSIP 008-10)		-2,578	
Training cost growth (OSIP 002-12)		-2,011	
B kit cost growth (OSIP 014-14)		-5,971	
Support costs previously funded (OSIP 014-14)		-3,230	
48 T-45 SERIES	148,071	138,937	-9,134
Wing unit cost growth (OSIP 022-14)		-4,116	
Excess support growth (OSIP 022-14)		-5,018	
49 POWER PLANT CHANGES	19,827	17,898	-1,929
Insufficient budget justification		-1,929	
51 COMMON ECM EQUIPMENT	146,642	144,554	-2,088
AN/APR-39D installation equipment kit cost growth (OSIP 014-90)		-2,088	
52 COMMON AVIONICS CHANGES	123,507	107,513	-15,994
CNS/ATM installation equipment cost growth (OSIP 21-01)		-6,533	
Support costs previously funded (OSIP 21-01)		-9,461	
55 P-8 SERIES	18,665	16,798	-1,867
Insufficient budget justification		-1,867	

P-1	Budget Request	Committee Recommended	Change from Request
56 MAGTF EW FOR AVIATION	10,111	9,100	-1,011
Insufficient budget justification		-1,011	
57 MQ-8 SERIES	32,361	27,476	-4,885
Training previously funded (OSIP 021-14)		-3,444	
Training previously funded (OSIP 010-17)		-1,441	
59 V-22 (TILT/ROTOR ACFT) OSPREY	228,321	211,841	-16,480
A kits previously funded (OSIP 028-12)		-5,198	
Installation kits NRE previously funded (OSIP 028-12)		-11,282	
65 COMMON GROUND EQUIPMENT	388,052	359,549	-28,503
Other flight training cost growth		-28,503	

NAVY RESERVE COMBAT AIRCRAFT

The Committee remains concerned that the aging aircraft of the Navy Reserve Combat air fleet will further hamper the mission of these vital tactical aviation squadrons. The Navy Reserve squadrons provide critical adversary support and strike fighter weapons training to active duty forces and must maintain a high mobilization readiness level for immediate deployment in the event of war or national emergency. Recapitalizing the two Reserve F/A-18+ squadrons with newer platforms would ensure that the Navy maintains dedicated advanced adversary squadrons. The Committee encourages the Secretary of the Navy, in coordination with the Chief of the Navy Reserve, to maintain the Navy Reserve Combat air fleet and not to divest the two Reserve squadrons.

V-22 OSPREY MULTIYEAR PROCUREMENT

The Committee recommendation includes \$1,191,496,000 for the procurement of 12 V-22 aircraft, an increase of six aircraft above the budget request. However, the Committee is dismayed at the late, inaccurate submission of required budget justification materials for the request of multiyear procurement contracts for the Department of the Navy. As such, the Committee recommendation includes a legislative provision allowing the Secretary of the Navy to enter into a multiyear procurement contract for the remaining aircraft of the program of record, subject to section 2306b of title 10, United States Code, which limits the time period of a multiyear procurement contract to no more than five years. The Committee encourages the Secretary of the Navy to review the V-22 program profile with the goal to generate significant cost savings by entering into a five year multiyear procurement with a more stable acquisition profile.

MH-60R AIRCRAFT

The Committee recognizes that the Navy's recent Force Structure Assessment recommended increasing the size of the surface fleet to 355 ships. The Committee is also aware that the Navy is performing a Force Structure Assessment for the helicopter fleet to determine how best to potentially meet an increase in aviation requirements associated with an increased fleet size. The Committee recognizes that the current fleet of MH-60 helicopters are beginning to run out of service life and will have to undergo a service life extension program in the next few years. Additionally, the final aircraft of the MH-60R program of record are being delivered in fiscal year 2018. The Committee is concerned by the potential increased requirement for additional helicopters in the future years defense program and the sustainability of the helicopter industrial base. As such, the Committee directs the Secretary of the Navy to submit the Force Structure Assessment for the helicopter fleet to the congressional defense committees not later than 90 days after the enactment of this Act.

WEAPONS PROCUREMENT, NAVY

Fiscal year 2017 appropriation	\$3,265,285,000
Fiscal year 2018 budget request	3,420,107,000
Committee recommendation	3,387,826,000
Change from budget request	- 32,281,000

The Committee recommends an appropriation of \$3,387,826,000 for Weapons Procurement, Navy which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
WEAPONS PROCUREMENT, NAVY							
BALLISTIC MISSILES							
MODIFICATION OF MISSILES							
1	TRIDENT II MODS.....	---	1,143,595	---	1,134,518	---	-9,077
SUPPORT EQUIPMENT AND FACILITIES							
2	MISSILE INDUSTRIAL FACILITIES.....	---	7,086	---	7,086	---	---
TOTAL, BALLISTIC MISSILES.....			1,150,681		1,141,604		-9,077
OTHER MISSILES							
STRATEGIC MISSILES							
3	TOMAHAWK.....	34	134,375	60	151,581	+26	+17,206
TACTICAL MISSILES							
4	ANRAAM.....	120	197,109	102	173,305	-18	-23,804
5	SEWINDR.....	185	79,692	185	77,608	---	-2,084
6	JSOW.....	---	5,487	---	5,487	---	---
7	STANDARD MISSILE.....	117	510,875	117	510,875	---	---
8	SMALL DIAMETER BOMB II.....	90	20,968	90	20,968	---	---
9	RAM.....	60	58,587	120	106,587	+60	+48,000
10	JOINT AIR GROUND MISSILE (JAGM).....	---	3,789	---	3,789	---	---
13	STAND OFF PRECISION GUIDED MUNITIONS (SOPGM).....	19	3,122	19	2,370	---	-752
14	AERIAL TARGETS.....	---	124,757	---	122,173	---	-2,584
15	OTHER MISSILE SUPPORT.....	---	3,420	---	3,420	---	---
16	LRASM.....	25	74,733	25	74,733	---	---
MODIFICATION OF MISSILES							
17	ESSM.....	30	74,524	30	71,745	---	-2,779
19	HARPOON MODS.....	---	17,300	---	8,650	---	-8,650
20	HARM MODS.....	---	183,368	---	183,368	---	---
21	STANDARD MISSILES MODS.....	---	11,729	---	10,556	---	-1,173
SUPPORT EQUIPMENT AND FACILITIES							
22	WEAPONS INDUSTRIAL FACILITIES.....	---	4,021	---	4,021	---	---
23	FLEET SATELLITE COMM FOLLOW-ON.....	---	46,357	---	37,524	---	-8,833
ORDNANCE SUPPORT EQUIPMENT							
25	ORDNANCE SUPPORT EQUIPMENT.....	---	47,159	---	47,159	---	---
TOTAL, OTHER MISSILES.....			1,601,372		1,615,919		+14,547

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
TORPEDOES AND RELATED EQUIPMENT							
TORPEDOES AND RELATED EQUIP							
26	SSTD.....	---	5,240	---	5,240	---	---
27	MK-48 TORPEDO.....	17	44,771	17	44,771	---	---
28	ASW TARGETS.....	---	12,399	---	11,159	---	-1,240
MOD OF TORPEDOES AND RELATED EQUIP							
29	MK-54 TORPEDO MODS.....	---	104,044	---	99,999	---	-4,045
30	MK-48 TORPEDO ADCAP MODS.....	---	38,954	---	38,954	---	---
31	QUICKSTRIKE MINE.....	---	10,337	---	5,168	---	-5,169
SUPPORT EQUIPMENT							
32	TORPEDO SUPPORT EQUIPMENT.....	---	70,383	---	67,744	---	-2,639
33	ASW RANGE SUPPORT.....	---	3,864	---	3,864	---	---
DESTINATION TRANSPORTATION							
34	FIRST DESTINATION TRANSPORTATION.....	---	3,961	---	3,961	---	---
TOTAL, TORPEDOES AND RELATED EQUIPMENT.....			293,953		280,860		-13,093
OTHER WEAPONS							
GUNS AND GUN MOUNTS							
35	SMALL ARMS AND WEAPONS.....	---	11,332	---	10,199	---	-1,133
MODIFICATION OF GUNS AND GUN MOUNTS							
36	CIWS MODS.....	---	72,698	---	72,698	---	---
37	COAST GUARD WEAPONS.....	---	38,931	---	38,931	---	---
38	GUN MOUNT MODS.....	---	76,025	---	71,328	---	-4,697
39	LCS MODULE WEAPONS.....	110	13,110	110	7,943	---	-5,167
40	CRUISER MODERNIZATION WEAPONS.....	---	34,825	---	34,825	---	---
41	AIRBORNE MINE NEUTRALIZATION SYSTEMS.....	---	16,925	---	15,232	---	-1,693
TOTAL, OTHER WEAPONS.....			263,846		251,156		-12,690
43	SPARES AND REPAIR PARTS.....	---	110,255	---	98,287	---	-11,968
TOTAL, WEAPONS PROCUREMENT, NAVY.....			3,420,107		3,387,826		-32,281

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 TRIDENT II MODS	1,143,595	1,134,518	-9,077
Fuze sustainment excess growth		-9,077	
3 TOMAHAWK	134,375	151,581	17,206
Unit cost growth		-14,994	
Program increase - 26 missiles		32,200	
4 AMRAAM	197,109	173,305	-23,804
Re-phase missile buys due to DMS and F3R delay		-19,980	
Special tooling and test equipment excess growth		-3,824	
5 SIDEWINDER	79,692	77,608	-2,084
Support cost carryover		-2,084	
9 RAM	58,587	106,587	48,000
Program increase - 60 missiles		48,000	
13 STAND OFF PRECISION GUIDED MUNITIONS (SOPGM)	3,122	2,370	-752
Insufficient budget justification		-752	
14 AERIAL TARGETS	124,757	122,173	-2,584
Other targets unit cost growth		-2,584	
17 ESSM	74,524	71,745	-2,779
Excess support growth		-2,779	
19 HARPOON MODS	17,300	8,650	-8,650
Insufficient budget justification		-8,650	
21 STANDARD MISSILES MODS	11,729	10,556	-1,173
Insufficient budget justification		-1,173	
23 FLEET SATELLITE COMM FOLLOW-ON	46,357	37,524	-8,833
Ground system updates excess growth		-8,833	
28 ASW TARGETS	12,399	11,159	-1,240
Insufficient budget justification		-1,240	
29 MK-54 TORPEDO MODS	104,044	99,999	-4,045
MK-54 NRE excess growth		-4,045	
31 QUICKSTRIKE MINE	10,337	5,168	-5,169
Insufficient budget justification		-5,169	
32 TORPEDO SUPPORT EQUIPMENT	70,383	67,744	-2,639
MK 28 stabilizer unit cost growth		-1,051	
Heavyweight other equipment excess growth		-1,588	
35 SMALL ARMS AND WEAPONS	11,332	10,199	-1,133
Insufficient budget justification		-1,133	

P-1	Budget Request	Committee Recommended	Change from Request
38 GUN MOUNT MODS	76,025	71,328	-4,697
MK38 upgrade kits excess growth		-4,697	
39 LCS MODULE WEAPONS	13,110	7,943	-5,167
Insufficient budget justification		-5,167	
41 AIRBORNE MINE NEUTRALIZATION SYSTEMS	16,925	15,232	-1,693
Insufficient budget justification		-1,693	
43 SPARES AND REPAIR PARTS	110,255	98,287	-11,968
Excess program growth		-11,968	

PROCUREMENT OF AMMUNITION, NAVY AND MARINE
CORPS

Fiscal year 2017 appropriation	\$633,678,000
Fiscal year 2018 budget request	792,345,000
Committee recommendation	735,651,000
Change from budget request	- 56,694,000

The Committee recommends an appropriation of \$735,651,000 for Procurement of Ammunition, Navy and Marine Corps which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
PROCUREMENT OF AMMO, NAVY & MARINE CORPS							
PROC AMMO, NAVY							
NAVY AMMUNITION							
1	GENERAL PURPOSE BOMBS.....	---	34,882	---	30,402	---	-4,480
2	JDAM.....	2,492	57,343	2,492	57,343	---	---
3	AIRBORNE ROCKETS, ALL TYPES.....	---	79,318	---	68,900	---	-10,418
4	MACHINE GUN AMMUNITION.....	---	14,112	---	11,290	---	-2,822
5	PRACTICE BOMBS.....	---	47,027	---	47,027	---	---
6	CARTRIDGES & CART ACTUATED DEVICES.....	---	57,718	---	51,946	---	-5,772
7	AIR EXPENDABLE COUNTERMEASURES.....	---	65,908	---	59,317	---	-6,591
8	JATOS.....	---	2,895	---	2,895	---	---
10	5 INCH/54 GUN AMMUNITION.....	---	22,112	---	22,112	---	---
11	INTERMEDIATE CALIBER GUN AMMUNITION.....	---	12,804	---	10,243	---	-2,561
12	OTHER SHIP GUN AMMUNITION.....	---	41,594	---	38,893	---	-2,701
13	SMALL ARMS & LANDING PARTY AMMO.....	---	49,401	---	48,821	---	-580
14	PYROTECHNIC AND DEMOLITION.....	---	9,495	---	8,545	---	-950
16	AMMUNITION LESS THAN \$5 MILLION.....	---	3,080	---	2,780	---	-300
TOTAL, PROC AMMO, NAVY.....			497,689		460,514		-37,175

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
PROC AMMO, MARINE CORPS						
MARINE CORPS AMMUNITION						
20 MORTARS.....	---	24,118	---	24,118	---	---
23 DIRECT SUPPORT MUNITIONS.....	---	64,045	---	59,755	---	-4,290
24 INFANTRY WEAPONS AMMUNITION.....	---	91,456	---	89,700	---	-1,756
29 COMBAT SUPPORT MUNITIONS.....	---	11,788	---	9,430	---	-2,358
32 AMMO MODERNIZATION.....	---	17,862	---	14,290	---	-3,572
33 ARTILLERY MUNITIONS.....	---	79,427	---	72,480	---	-6,947
34 ITEMS LESS THAN \$5 MILLION.....	---	5,960	---	5,364	---	-596
TOTAL, PROC AMMO, MARINE CORPS.....		294,656		275,137		-19,519
TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS.....		792,345		735,651		-56,694

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 GENERAL PURPOSE BOMBS	34,882	30,402	-4,480
Q2181 laser guided bombs unit cost savings		-4,480	
3 AIRBORNE ROCKETS, ALL TYPES	79,318	68,900	-10,418
MK-66 rocket motor unit cost growth		-2,486	
Insufficient budget justification		-7,932	
4 MACHINE GUN AMMUNITION	14,112	11,290	-2,822
Insufficient budget justification		-2,822	
6 CARTRIDGES & CART ACTUATED DEVICES	57,718	51,946	-5,772
Insufficient budget justification		-5,772	
7 AIR EXPENDABLE COUNTERMEASURES	65,908	59,317	-6,591
Insufficient budget justification		-6,591	
11 INTERMEDIATE CALIBER GUN AMMUNITION	12,804	10,243	-2,561
Insufficient budget justification		-2,561	
12 OTHER SHIP GUN AMMUNITION	41,594	38,893	-2,701
30MM APFSDS-T contract delay		-2,701	
13 SMALL ARMS & LANDING PARTY AMMO	49,401	48,821	-580
9MM cartridges contract delay		-580	
14 PYROTECHNIC AND DEMOLITION	9,495	8,545	-950
Insufficient budget justification		-950	
16 AMMUNITION LESS THAN \$5 MILLION	3,080	2,780	-300
Insufficient budget justification		-300	
23 DIRECT SUPPORT MUNITIONS	64,045	59,755	-4,290
120MM insufficient budget justification		-2,282	
HX07 previously funded		-2,008	
24 INFANTRY WEAPONS AMMUNITION	91,456	89,700	-1,756
MK281 unit cost growth		-1,756	
29 COMBAT SUPPORT MUNITIONS	11,788	9,430	-2,358
Insufficient budget justification		-2,358	
32 AMMO MODERNIZATION	17,862	14,290	-3,572
Insufficient budget justification		-3,572	
33 ARTILLERY MUNITIONS	79,427	72,480	-6,947
155mm HE M795 insufficient budget justification		-5,989	
Fuze unit cost growth		-958	
34 ITEMS LESS THAN \$5 MILLION	5,960	5,364	-596
Insufficient budget justification		-596	

SHIPBUILDING AND CONVERSION, NAVY

Fiscal year 2017 appropriation	\$21,156,886,000
Fiscal year 2018 budget request	19,903,682,000
Committee recommendation	21,503,726,000
Change from budget request	+1,600,044,000

The Committee recommends an appropriation of \$21,503,726,000 for Shipbuilding and Conversion, Navy which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
SHIPBUILDING & CONVERSION, NAVY							
FLEET BALLISTIC MISSILE SHIPS							
1	OHIO REPLACEMENT SUBMARINE.....	---	842,853	---	842,853	---	---
OTHER WARSHIPS							
2	CARRIER REPLACEMENT PROGRAM.....	---	1,880,714	---	1,869,646	---	-11,068
3	CARRIER REPLACEMENT PROGRAM (AP-CY).....	---	2,561,058	---	2,561,058	---	---
4	VIRGINIA CLASS SUBMARINE.....	2	3,305,315	2	3,305,315	---	---
5	VIRGINIA CLASS SUBMARINE (AP-CY).....	---	1,920,596	---	1,920,596	---	---
6	CVN REFUELING OVERHAUL.....	---	1,604,890	---	1,569,669	---	-35,221
7	CVN REFUELING OVERHAULS (AP-CY).....	---	75,897	---	75,897	---	---
8	DDG 1000.....	---	223,968	---	164,976	---	-58,992
9	DDG-51.....	2	3,499,079	2	3,499,079	---	---
10	DDG-51 (AP-CY).....	---	90,336	---	90,336	---	---
11	LITTORAL COMBAT SHIP.....	1	636,146	3	1,566,971	+2	+930,825
TOTAL, OTHER WARSHIPS.....			15,797,999		16,623,543		+825,544
AMPHIBIOUS SHIPS							
14	EXPEDITIONARY SEABASE.....	---	---	1	635,000	+1	+635,000
15	LHA REPLACEMENT	---	1,710,927	---	1,695,077	---	-15,850
TOTAL, AMPHIBIOUS SHIPS.....			1,710,927		2,330,077		+619,150

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT

AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS						
18 TAO FLEET OILER	1	465,988	1	449,415	---	-16,573
19 TAO FLEET OILER (AP-CY)	---	75,068	---	75,068	---	---
20 TOWING, SALVAGE, AND RESCUE SHIP (ATS)	1	76,204	1	76,204	---	---
23 LCU 1700	1	31,850	1	31,850	---	---
24 OUTFITTING	---	548,703	---	542,626	---	-6,077
25 SHIP TO SHORE CONNECTOR	3	212,554	6	390,554	+3	+178,000
26 SERVICE CRAFT	---	23,994	---	23,994	---	---
29 COMPLETION OF PY SHIPBUILDING PROGRAMS	---	117,542	---	117,542	---	---

TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM...		1,551,903		1,707,253		+155,350

TOTAL, SHIPBUILDING & CONVERSION, NAVY		19,903,682		21,503,726		+1,600,044
		=====		=====		=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
2 CARRIER REPLACEMENT PROGRAM	1,880,714	1,869,646	-11,068
CANES contract award delay		-11,068	
6 CVN REFUELING OVERHAUL	1,604,890	1,569,669	-35,221
AN/SPN-46 overhaul/upgrade cost growth		-3,126	
IFF interrogator set unjustified request		-2,094	
JPALS cost growth		-555	
UCLASS early to need		-26,700	
AN/SPQ-9B radar unjustified request		-2,746	
8 DDG 1000	223,968	164,976	-58,992
Total ship computing environment cost growth		-14,000	
VLS MK57 4-cell modules cost growth		-44,992	
11 LITTORAL COMBAT SHIP	636,146	1,566,971	930,825
Plans cost growth		-19,175	
Program increase - two ships		950,000	
14 EXPEDITIONARY SEA BASE	0	635,000	635,000
Program increase - one ESB		635,000	
15 LHA REPLACEMENT	1,710,927	1,695,077	-15,850
EASR cost growth		-15,850	
18 TAO FLEET OILER	465,988	449,415	-16,573
Engineering services cost growth		-16,573	
24 OUTFITTING	548,703	542,626	-6,077
Virginia class outfitting cost growth		-1,689	
Virginia class post-delivery cost growth		-4,388	
25 SHIP TO SHORE CONNECTOR	212,554	390,554	178,000
Program increase - three SSCs		178,000	

VIRGINIA CLASS SUBMARINE ADVANCE PROCUREMENT

The Committee remains supportive of the procurement of two Virginia class submarines each fiscal year and fully funds the budget request for the program in fiscal year 2018. However, the Committee notes that the budget request for advance procurement funding for the Virginia class submarine program continues to grow each fiscal year, while the budget justification materials provide very few corresponding details. The Committee directs the Secretary of the Navy to provide a report to the congressional defense committees not later than 30 days after the enactment of this Act that details the items being procured with advance procurement funding for the Virginia class submarine program. The report shall include the items being procured, the cost of each item, and the lead time associated with each item. Furthermore, the Committee directs the Secretary of the Navy to provide this level of detail with the submission of the fiscal year 2019 and subsequent budget requests.

ICEBREAKERS

The Committee remains concerned with the increasing Russian military expansion in the Arctic region. As Russia continues to reopen Cold War era bases and conduct military exercises in the region, the Committee urges the Secretary of Defense to make countering Russian aggression in the Arctic a priority. The Committee encourages the Secretary of Defense to work with the Secretary of Homeland Security on a strategy for the future procurement of icebreakers, which are essential to the maritime security interests of the United States and allies in the region.

DDG-51 DESTROYER

The Committee understands that the two DDG-51 destroyers included in the recommendation for fiscal year 2018 are of the Flight III configuration. However, the Committee reiterates the position, as stated previously in the Consolidated Appropriations Act, 2017, that the Secretary of the Navy should award and complete the additional DDG-51 ship that was fully funded by Congress in fiscal years 2016 and 2017, as an additional DDG-51 Flight IIA ship and that this should be awarded expeditiously.

OTHER PROCUREMENT, NAVY

Fiscal year 2017 appropriation	\$6,308,919,000
Fiscal year 2018 budget request	8,277,789,000
Committee recommendation	7,852,952,000
Change from budget request	-424,837,000

The Committee recommends an appropriation of \$7,852,952,000 for Other Procurement, Navy which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
OTHER PROCUREMENT, NAVY						
SHIPS SUPPORT EQUIPMENT						
SHIP PROPULSION EQUIPMENT						
3		41,910		37,719		-4,191
SURFACE POWER EQUIPMENT.....						
4		6,331		5,698		-633
HYBRID ELECTRIC DRIVE (HED).....						
GENERATORS						
5		27,392		26,651		-741
SURFACE COMBATANT HM&E.....						
NAVIGATION EQUIPMENT						
6		65,943		61,071		-4,872
OTHER NAVIGATION EQUIPMENT.....						
PERISCOPES						
8		151,240		150,240		-1,000
SUB PERISCOPES AND IMAGING SUPPORT EQUIPMENT PROGRAM..						
OTHER SHIPBOARD EQUIPMENT						
9		603,355		585,864		-17,491
DDG MOD.....						
10		15,887		14,298		-1,589
FIREFIGHTING EQUIPMENT.....						
11		2,240		2,240		---
COMMAND AND CONTROL SWITCHBOARD.....						
12		30,287		29,134		-1,153
LHA/LHD MIDLIFE.....						
14		17,293		15,564		-1,729
POLLUTION CONTROL EQUIPMENT.....						
15		27,990		26,306		-1,684
SUBMARINE SUPPORT EQUIPMENT.....						
16		46,610		46,610		---
VIRGINIA CLASS SUPPORT EQUIPMENT.....						
17		47,955		37,836		-10,119
LCS CLASS SUPPORT EQUIPMENT.....						
18		17,594		15,835		-1,759
SUBMARINE BATTERIES.....						
19		61,908		54,702		-7,206
LPD CLASS SUPPORT EQUIPMENT.....						
21		15,812		14,231		-1,581
STRATEGIC PLATFORM SUPPORT EQUIP.....						
22		4,178		4,178		---
DSSP EQUIPMENT.....						
23		306,050		284,446		-21,604
CRUISER MODERNIZATION.....						
24		5,507		5,507		---
LCAC.....						
25		55,922		55,922		---
UNDERWATER EOD PROGRAMS.....						
26		96,909		88,844		-8,065
ITEMS LESS THAN \$5 MILLION.....						

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
27	CHEMICAL WARFARE DETECTORS.....	---	3,036	---	2,656	---	-380
28	SUBMARINE LIFE SUPPORT SYSTEM.....	---	10,364	---	4,629	---	-5,735
	REACTOR PLANT EQUIPMENT						
29	REACTOR POWER UNITS.....	---	324,925	---	324,925	---	---
30	REACTOR COMPONENTS.....	---	534,468	---	534,468	---	---
	OCEAN ENGINEERING						
31	DIVING AND SALVAGE EQUIPMENT.....	---	10,619	---	8,331	---	-2,288
	SMALL BOATS						
32	STANDARD BOATS.....	---	46,094	---	43,789	---	-2,305
	PRODUCTION FACILITIES EQUIPMENT						
34	OPERATING FORCES IPE.....	---	191,541	---	172,571	---	-18,970
	OTHER SHIP SUPPORT						
36	LCS COMMON MISSION MODULES EQUIPMENT.....	---	34,666	---	19,380	---	-15,286
37	LCS MCM MISSION MODULES.....	---	55,870	---	43,324	---	-12,546
39	LCS SUW MISSION MODULES.....	---	52,960	---	47,664	---	-5,296
40	LCS IN-SERVICE MODERNIZATION.....	---	74,426	---	43,122	---	-31,304
	LOGISTICS SUPPORT						
42	LSD MIDLIFE AND MODERNIZATION.....	---	89,536	---	49,536	---	-40,000
	TOTAL, SHIPS SUPPORT EQUIPMENT.....		3,076,818		2,857,291		-219,527
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	SHIP SONARS						
43	SPQ-9B RADAR.....	---	30,086	---	18,692	---	-11,394
44	AN/SQQ-89 SURF ASW COMBAT SYSTEM.....	---	102,222	---	100,222	---	-2,000
46	SSN ACOUSTICS EQUIPMENT.....	---	287,553	---	286,053	---	-1,500
47	UNDERSEA WARFARE SUPPORT EQUIPMENT.....	---	13,653	---	12,297	---	-1,356

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
ASW ELECTRONIC EQUIPMENT						
49 SUBMARINE ACOUSTIC WARFARE SYSTEM.....	---	21,449	---	21,449	---	---
50 SSTO.....	---	12,867	---	11,580	---	-1,287
51 FIXED SURVEILLANCE SYSTEM.....	---	300,102	---	300,102	---	---
52 SURTASS.....	---	30,180	---	21,804	---	-8,376
ELECTRONIC WARFARE EQUIPMENT						
54 AN/SQ-32.....	---	240,433	---	233,237	---	-7,196
RECONNAISSANCE EQUIPMENT						
55 SHIPBOARD IW EXPLOIT.....	---	187,007	---	178,240	---	-8,767
56 AUTOMATED IDENTIFICATION SYSTEM (AIS).....	---	510	---	510	---	---
OTHER SHIP ELECTRONIC EQUIPMENT						
58 COOPERATIVE ENGAGEMENT CAPABILITY.....	---	23,892	---	22,602	---	-1,290
60 NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS).....	---	10,741	---	9,667	---	-1,074
61 ATDLS.....	---	38,016	---	38,016	---	---
62 NAVY COMMAND AND CONTROL SYSTEM (NCCS).....	---	4,512	---	4,512	---	---
63 MINESWEEPING SYSTEM REPLACEMENT.....	---	31,531	---	28,161	---	-3,370
64 SHALLOW WATER MCM.....	---	8,796	---	7,916	---	-880
65 NAVSTAR GPS RECEIVERS (SPACE).....	---	15,923	---	12,738	---	-3,185
66 ARMED FORCES RADIO AND TV.....	---	2,730	---	2,730	---	---
67 STRATEGIC PLATFORM SUPPORT EQUIP.....	---	6,889	---	6,889	---	---
AVIATION ELECTRONIC EQUIPMENT						
70 ASHORE ATC EQUIPMENT.....	---	71,882	---	69,885	---	-1,997
71 AFLOAT ATC EQUIPMENT.....	---	44,611	---	44,611	---	---
77 ID SYSTEMS.....	---	21,239	---	21,239	---	---
78 NAVAL MISSION PLANNING SYSTEMS.....	---	11,976	---	10,778	---	-1,198

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
OTHER SHORE ELECTRONIC EQUIPMENT						
80 TACTICAL/MOBILE C41 SYSTEMS.....	---	32,425	---	32,425	---	---
81 DCGS-N.....	---	13,790	---	12,620	---	-1,170
82 CANES.....	---	322,754	---	311,212	---	-11,542
83 RADIAC.....	---	10,718	---	9,646	---	-1,072
84 CANES-INTELL.....	---	48,028	---	46,075	---	-1,953
85 GPETE.....	---	6,861	---	6,861	---	---
86 MASF.....	---	8,081	---	8,081	---	---
87 INTEG COMBAT SYSTEM TEST FACILITY.....	---	5,019	---	5,019	---	---
88 EMI CONTROL INSTRUMENTATION.....	---	4,188	---	4,188	---	---
89 ITEMS LESS THAN \$5 MILLION.....	---	105,292	---	102,136	---	-3,156
SHIPBOARD COMMUNICATIONS						
90 SHIPBOARD TACTICAL COMMUNICATIONS.....	---	23,695	---	23,695	---	---
91 SHIP COMMUNICATIONS AUTOMATION.....	---	103,990	---	93,675	---	-10,315
92 COMMUNICATIONS ITEMS UNDER \$5M.....	---	18,577	---	16,719	---	-1,858
SUBMARINE COMMUNICATIONS						
93 SUBMARINE BROADCAST SUPPORT.....	---	29,669	---	27,921	---	-1,748
94 SUBMARINE COMMUNICATION EQUIPMENT.....	---	86,204	---	77,039	---	-9,165
SATELLITE COMMUNICATIONS						
95 SATELLITE COMMUNICATIONS SYSTEMS.....	---	14,654	---	13,189	---	-1,465
96 NAVY MULTIBAND TERMINAL (NMT).....	---	69,764	---	60,944	---	-8,820
SHORE COMMUNICATIONS						
97 JCS COMMUNICATIONS EQUIPMENT.....	---	4,256	---	4,256	---	---
CRYPTOGRAPHIC EQUIPMENT						
99 INFO SYSTEMS SECURITY PROGRAM (ISSP).....	---	89,663	---	88,582	---	-1,081
100 MIO INTEL EXPLOITATION TEAM.....	---	961	---	961	---	---
CRYPTOLOGIC EQUIPMENT						
101 CRYPTOLOGIC COMMUNICATIONS EQUIP.....	---	11,287	---	10,158	---	-1,129
OTHER ELECTRONIC SUPPORT						
110 COAST GUARD EQUIPMENT.....	---	36,584	---	36,584	---	---
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....		2,565,260		2,455,916		-109,344

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
AVIATION SUPPORT EQUIPMENT						
SONOBUOYS						
112 SONOBUOYS - ALL TYPES.....	---	173,616	---	173,616	---	---
AIRCRAFT SUPPORT EQUIPMENT						
113 WEAPONS RANGE SUPPORT EQUIPMENT.....	---	72,110	---	66,941	---	-5,169
114 AIRCRAFT SUPPORT EQUIPMENT.....	---	108,482	---	101,655	---	-6,827
115 ADVANCED ARRESTING GEAR (AAG).....	---	10,900	---	9,810	---	-1,090
116 METEOROLOGICAL EQUIPMENT.....	---	21,137	---	21,137	---	---
117 OTHER PHOTOGRAPHIC EQUIPMENT (DCRS/DPL).....	---	660	---	660	---	---
118 AIRBORNE MINE COUNTERMEASURES.....	---	20,605	---	19,297	---	-1,308
119 AVIATION SUPPORT EQUIPMENT.....	---	34,032	---	32,650	---	-1,382
TOTAL, AVIATION SUPPORT EQUIPMENT.....		441,542		425,766		-15,776
ORDNANCE SUPPORT EQUIPMENT						
SHIP GUN SYSTEM EQUIPMENT						
120 SHIP GUN SYSTEMS EQUIPMENT.....	---	5,277	---	5,277	---	---
SHIP MISSILE SYSTEMS EQUIPMENT						
121 SHIP MISSILE SUPPORT EQUIPMENT.....	---	272,359	---	264,334	---	-8,025
122 TOMAHAWK SUPPORT EQUIPMENT.....	---	73,184	---	73,184	---	---
FBM SUPPORT EQUIPMENT						
123 STRATEGIC MISSILE SYSTEMS EQUIP.....	---	246,221	---	236,097	---	-10,124
ASW SUPPORT EQUIPMENT						
124 SSN COMBAT CONTROL SYSTEMS.....	---	129,972	---	128,727	---	-1,245
125 ASW SUPPORT EQUIPMENT.....	---	23,209	---	23,209	---	---
OTHER ORDNANCE SUPPORT EQUIPMENT						
126 EXPLOSIVE ORDNANCE DISPOSAL EQUIP.....	---	15,596	---	15,596	---	---
127 ITEMS LESS THAN \$5 MILLION.....	---	5,981	---	5,981	---	---
OTHER EXPENDABLE ORDNANCE						
128 SUBMARINE TRAINING DEVICE MODS.....	---	74,550	---	72,756	---	-1,794
130 SURFACE TRAINING EQUIPMENT.....	---	83,022	---	78,480	---	-4,542
TOTAL, ORDNANCE SUPPORT EQUIPMENT.....		929,371		903,641		-25,730

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
CIVIL ENGINEERING SUPPORT EQUIPMENT						
131 PASSENGER CARRYING VEHICLES.....	---	5,299	---	5,299	---	---
132 GENERAL PURPOSE TRUCKS.....	---	2,946	---	2,946	---	---
133 CONSTRUCTION & MAINTENANCE EQUIP.....	---	34,970	---	33,477	---	-1,493
134 FIRE FIGHTING EQUIPMENT.....	---	2,541	---	2,541	---	---
135 TACTICAL VEHICLES.....	---	19,699	---	19,699	---	---
136 AMPHIBIOUS EQUIPMENT.....	---	12,162	---	10,946	---	-1,216
137 POLLUTION CONTROL EQUIPMENT.....	---	2,748	---	2,748	---	---
138 ITEMS UNDER \$5 MILLION.....	---	18,084	---	16,276	---	-1,808
139 PHYSICAL SECURITY VEHICLES.....	---	1,170	---	1,170	---	---
TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT.....		99,619		95,102		-4,517
SUPPLY SUPPORT EQUIPMENT						
141 SUPPLY EQUIPMENT.....	---	21,797	---	21,797	---	---
143 FIRST DESTINATION TRANSPORTATION.....	---	5,572	---	5,572	---	---
144 SPECIAL PURPOSE SUPPLY SYSTEMS.....	---	482,916	---	482,916	---	---
TOTAL, SUPPLY SUPPORT EQUIPMENT.....		510,285		510,285		---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
PERSONNEL AND COMMAND SUPPORT EQUIPMENT						
TRAINING DEVICES						
146 TRAINING AND EDUCATION EQUIPMENT.....	---	25,624	---	20,136	---	-5,488
COMMAND SUPPORT EQUIPMENT						
147 COMMAND SUPPORT EQUIPMENT.....	---	59,076	---	48,665	---	-10,411
149 MEDICAL SUPPORT EQUIPMENT.....	---	4,383	---	11,383	---	+7,000
151 NAVAL MIP SUPPORT EQUIPMENT.....	---	2,030	---	2,030	---	---
152 OPERATING FORCES SUPPORT EQUIPMENT.....	---	7,500	---	7,500	---	---
153 C4ISR EQUIPMENT.....	---	4,010	---	4,010	---	---
154 ENVIRONMENTAL SUPPORT EQUIPMENT.....	---	23,644	---	23,644	---	---
155 PHYSICAL SECURITY EQUIPMENT.....	---	101,982	---	101,982	---	---
156 ENTERPRISE INFORMATION TECHNOLOGY.....	---	19,789	---	17,810	---	-1,979
160 NEXT GENERATION ENTERPRISE SERVICE.....	---	104,584	---	89,178	---	-15,406
TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT.....		352,622		326,336		-26,284
161 SPARES AND REPAIR PARTS.....	---	278,565	---	268,013	---	-10,552
CLASSIFIED PROGRAMS.....	---	23,707	---	10,600	---	-13,107
TOTAL, OTHER PROCUREMENT, NAVY.....		8,277,789		7,852,952		-424,837

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
3 SURFACE POWER EQUIPMENT	41,910	37,719	-4,191
Insufficient budget justification		-4,191	
4 HYBRID ELECTRIC DRIVE (HED)	6,331	5,698	-633
Insufficient budget justification		-633	
5 SURFACE COMBATANT HM&E	27,392	26,651	-741
Thermal management control system equipment excess installation		-741	
6 OTHER NAVIGATION EQUIPMENT	65,943	61,071	-4,872
Insufficient budget justification		-4,872	
SUB PERISCOPES AND IMAGING SUPPORT			
8 EQUIPMENT PROGRAM	151,240	150,240	-1,000
ANBLQ-10(V) field change kits unit cost growth		-1,000	
9 DDG MOD	603,355	585,864	-17,491
Conjunctive alteration definition and integration previously funded		-5,185	
DVSS and wireless communications equipment insufficient budget justification		-1,000	
DM013 installation insufficient budget justification		-6,780	
AWS upgrade kits unit cost growth		-4,526	
10 FIREFIGHTING EQUIPMENT	15,887	14,298	-1,589
Insufficient budget justification		-1,589	
12 LHA/LHD MIDLIFE	30,287	29,134	-1,153
LH001 installations insufficient budget justification		-1,153	
14 POLLUTION CONTROL EQUIPMENT	17,293	15,564	-1,729
Insufficient budget justification		-1,729	
15 SUBMARINE SUPPORT EQUIPMENT	27,990	26,306	-1,684
Installations insufficient budget justification		-1,684	
17 LCS CLASS SUPPORT EQUIPMENT	47,955	37,836	-10,119
MT-30 gas turbine engine previously funded		-5,323	
Insufficient budget justification		-4,796	
18 SUBMARINE BATTERIES	17,594	15,835	-1,759
Insufficient budget justification		-1,759	
19 LPD CLASS SUPPORT EQUIPMENT	61,908	54,702	-7,206
Shore based spares previously funded		-3,594	
HW/SW obsolescence kit cost growth		-1,277	
Installations insufficient budget justification		-2,335	

P-1	Budget Request	Committee Recommended	Change from Request
21 STRATEGIC PLATFORM SUPPORT EQUIP	15,812	14,231	-1,581
Insufficient budget justification		-1,581	
23 CRUISER MODERNIZATION	306,050	284,446	-21,604
CEC installation cost growth		-1,000	
AN/SQQ-89 unit cost growth		-6,000	
AN/SQQ-89 installation cost growth		-4,000	
Integrated ship controls installation early to need		-10,604	
26 ITEMS LESS THAN \$5 MILLION	96,909	88,844	-8,065
Items less than \$5 million programs insufficient budget justification		-1,137	
Machinery plant upgrades installation excess to need		-1,958	
Installations insufficient budget justification		-4,970	
27 CHEMICAL WARFARE DETECTORS	3,036	2,656	-380
Excess to need		-380	
28 SUBMARINE LIFE SUPPORT SYSTEM	10,364	4,629	-5,735
Unjustified growth		-5,735	
31 DIVING AND SALVAGE EQUIPMENT	10,619	8,331	-2,288
Unjustified growth		-2,288	
32 STANDARD BOATS	46,094	43,789	-2,305
Insufficient budget justification		-2,305	
34 OPERATING FORCES IPE	191,541	172,571	-18,970
Shipyard capital investment program insufficient budget justification		-18,970	
36 LCS COMMON MISSION MODULES EQUIPMENT	34,666	19,380	-15,286
Mission bay training devices early to need		-15,286	
37 LCS MCM MISSION MODULES	55,870	43,324	-12,546
ALMDS unit cost growth		-4,120	
COBRA previously funded		-922	
MCM support equipment excess to need		-7,504	
39 LCS SUW MISSION MODULES	52,960	47,664	-5,296
Insufficient budget justification		-5,296	
40 LCS IN-SERVICE MODERNIZATION	74,426	43,122	-31,304
Habitability modifications early to need		-24,504	
Design changes early to need		-6,800	
42 LSD MIDLIFE AND MODERNIZATION	89,536	49,536	-40,000
LCS budget errata		-40,000	
43 SPQ-9B RADAR	30,086	18,692	-11,394
Insufficient budget justification		-1,394	
LCS budget errata		-10,000	
44 AN/SQQ-89 SURF ASW COMBAT SYSTEM	102,222	100,222	-2,000
Installation cost growth		-2,000	

P-1	Budget Request	Committee Recommended	Change from Request
46 SSN ACOUSTICS EQUIPMENT	287,553	286,053	-1,500
SA106/SA303 installations insufficient budget justification		-1,500	
47 UNDERSEA WARFARE SUPPORT EQUIPMENT	13,653	12,297	-1,356
Insufficient budget justification		-1,356	
50 SSTO	12,867	11,580	-1,287
Insufficient budget justification		-1,287	
52 SURTASS	30,180	21,804	-8,376
Integrated common processor kit cost growth		-3,286	
Field changes/modifications excess growth		-5,090	
54 AN/SLQ-32	240,433	233,237	-7,196
Installations insufficient budget justification		-2,196	
Block 2 electronic support system production support cost growth		-5,000	
55 SHIPBOARD IW EXPLOIT	187,007	178,240	-8,767
Increment F kit contract award savings		-8,767	
58 COOPERATIVE ENGAGEMENT CAPABILITY	23,892	22,602	-1,290
Installations insufficient budget justification		-1,290	
NAVAL TACTICAL COMMAND SUPPORT SYSTEM			
60 (NTCSS)	10,741	9,667	-1,074
Insufficient budget justification		-1,074	
63 MINESWEEPING SYSTEM REPLACEMENT	31,531	28,161	-3,370
MCM combat systems excess growth		-1,182	
MSF measurement system upgrade excess growth		-2,188	
64 SHALLOW WATER MCM	8,796	7,916	-880
Insufficient budget justification		-880	
65 NAVSTAR GPS RECEIVERS (SPACE)	15,923	12,738	-3,185
Insufficient budget justification		-3,185	
70 ASHORE ATC EQUIPMENT	71,882	69,885	-1,997
Installations insufficient budget justification		-891	
AN/SPN-46 Block IV support excess growth		-1,106	
78 NAVAL MISSION PLANNING SYSTEMS	11,976	10,778	-1,198
Insufficient budget justification		-1,198	
81 DCGS-N	13,790	12,620	-1,170
Product improvement afloat installations insufficient budget justification		-1,170	
82 CANES	322,754	311,212	-11,542
Installation early to need		-11,542	
83 RADIAC	10,718	9,646	-1,072
Insufficient budget justification		-1,072	

P-1	Budget Request	Committee Recommended	Change from Request
84 CANES-INTELL	48,028	46,075	-1,953
Installation early to need		-1,953	
89 ITEMS LESS THAN \$5 MILLION	105,292	102,136	-3,156
Calibration standards unit cost growth		-1,752	
AN/SPY-1 improvements previously funded		-1,404	
91 SHIP COMMUNICATIONS AUTOMATION	103,990	93,675	-10,315
Shore tactical assured command and control cost growth		-10,315	
92 COMMUNICATIONS ITEMS UNDER \$5M	18,577	16,719	-1,858
Insufficient budget justification		-1,858	
93 SUBMARINE BROADCAST SUPPORT	29,669	27,921	-1,748
Installations insufficient budget justification		-1,262	
Transmission equipment installation early to need		-486	
94 SUBMARINE COMMUNICATION EQUIPMENT	86,204	77,039	-9,165
Support costs excess growth		-2,565	
OE-538 kits installations early to need		-515	
CSRR-SSBN kits installations early to need		-4,319	
CSRR-SSBN mod upgrades early to need		-1,766	
95 SATELLITE COMMUNICATIONS SYSTEMS	14,654	13,189	-1,465
Insufficient budget justification		-1,465	
96 NAVY MULTIBAND TERMINAL (NMT)	69,764	60,944	-8,820
Afloat ship kit cost growth		-3,082	
Ashore components installations insufficient budget justification		-1,379	
ATIP installations early to need		-4,359	
99 INFO SYSTEMS SECURITY PROGRAM (ISSP)	89,663	88,582	-1,081
Installations insufficient budget justification		-1,081	
101 CRYPTOLOGIC COMMUNICATIONS EQUIP	11,287	10,158	-1,129
Insufficient budget justification		-1,129	
113 WEAPONS RANGE SUPPORT EQUIPMENT	72,110	66,941	-5,169
LVC range integration previously funded		-5,169	
114 AIRCRAFT SUPPORT EQUIPMENT	108,482	101,655	-6,827
Recovery NRE previously funded		-2,034	
ALLE NRE early to need		-3,196	
Block II/ISNS kit installation cost growth		-1,597	
115 ADVANCED ARRESTING GEAR (AAG)	10,900	9,810	-1,090
Insufficient budget justification		-1,090	
118 AIRBORNE MINE COUNTERMEASURES	20,605	19,297	-1,308
ALMDS support equipment unjustified request		-1,308	
119 AVIATION SUPPORT EQUIPMENT	34,032	32,650	-1,382
Joint technical data integration excess growth		-1,382	

P-1	Budget Request	Committee Recommended	Change from Request
121 SHIP MISSILE SUPPORT EQUIPMENT	272,359	264,334	-8,025
NATO seasparrow equipment modernization previously funded		-2,621	
Installations insufficient budget justification		-2,864	
SSDS cots conversion kits unjustified request		-2,540	
123 STRATEGIC MISSILE SYSTEMS EQUIP	246,221	236,097	-10,124
Instrumentation refresh unjustified growth		-10,124	
124 SSN COMBAT CONTROL SYSTEMS	129,972	128,727	-1,245
Installations insufficient budget justification		-1,245	
128 SUBMARINE TRAINING DEVICE MODS	74,550	72,756	-1,794
SMMTT mods kits excess growth		-1,794	
130 SURFACE TRAINING EQUIPMENT	83,022	78,480	-4,542
BFFT ship sets unit cost growth		-2,602	
BFFT upgrade kits unit cost growth		-1,940	
133 CONSTRUCTION & MAINTENANCE EQUIP	34,970	33,477	-1,493
Loader unit cost growth		-1,493	
136 AMPHIBIOUS EQUIPMENT	12,162	10,946	-1,216
Insufficient budget justification		-1,216	
138 ITEMS UNDER \$5 MILLION	18,084	16,276	-1,808
Insufficient budget justification		-1,808	
146 TRAINING AND EDUCATION EQUIPMENT	25,624	20,136	-5,488
Training delivery systems unjustified request		-5,488	
147 COMMAND SUPPORT EQUIPMENT	59,076	48,665	-10,411
Converged ERP unjustified cost growth		-3,311	
Deployable mission support systems excess growth		-7,100	
149 MEDICAL SUPPORT EQUIPMENT	4,383	11,383	7,000
Program increase - expeditionary medical facilities		7,000	
156 ENTERPRISE INFORMATION TECHNOLOGY	19,789	17,810	-1,979
Insufficient budget justification		-1,979	
160 NEXT GENERATION ENTERPRISE SERVICE	104,584	89,178	-15,406
MGEM tech refresh unjustified growth		-15,406	
161 SPARES AND REPAIR PARTS	278,565	268,013	-10,552
Prior year carryover		-10,552	
999 CLASSIFIED PROGRAMS	23,707	10,600	-13,107
Classified adjustment		-13,107	

CREW-SERVED WEAPON STATIONS

The Committee is aware that the Navy has a requirement for advanced ballistic shielding on crew-served weapon stations on CVN-68 class ships. The Committee encourages the Secretary of the Navy to expand the requirement throughout the fleet and routinely install advanced ballistic shielding on ships during scheduled availabilities or during construction of new vessels.

PROCUREMENT, MARINE CORPS

Fiscal year 2017 appropriation	\$1,307,456,000
Fiscal year 2018 budget request	2,064,825,000
Committee recommendation	1,818,846,000
Change from budget request	− 245,979,000

The Committee recommends an appropriation of \$1,818,846,000 for Procurement, Marine Corps which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT		COMMITTEE RECOMMENDED QTY	AMOUNT		CHANGE FROM REQUEST QTY	AMOUNT
PROCUREMENT, MARINE CORPS									
WEAPONS AND COMBAT VEHICLES									
TRACKED COMBAT VEHICLES									
1	AAV7A1 PIP.....	---	107,665	---	100,857	---	---	---	-6,808
2	AMPHIBIOUS COMBAT VEHICLE 1.1.....	26	161,511	26	158,326	---	---	---	-3,185
3	LAV PIP.....	---	17,244	---	13,804	---	---	---	-3,440
ARTILLERY AND OTHER WEAPONS									
4	EXPEDITIONARY FIRE SUPPORT SYSTEM.....	---	626	---	626	---	---	---	---
5	155MM LIGHTWEIGHT TOWED HOWITZER.....	---	20,259	---	20,259	---	---	---	---
6	HIGH MOBILITY ARTILLERY ROCKET SYSTEM.....	---	59,943	---	54,753	---	---	---	-5,190
7	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION.....	---	19,616	---	11,941	---	---	---	-7,675
OTHER SUPPORT									
8	MODIFICATION KITS.....	---	17,778	---	14,223	---	---	---	-3,555
TOTAL, WEAPONS AND COMBAT VEHICLES.....									
			404,642		374,789				-29,853
GUIDED MISSILES AND EQUIPMENT									
GUIDED MISSILES									
10	GROUND BASED AIR DEFENSE.....	---	9,432	---	9,432	---	---	---	---
11	JAVELIN.....	222	41,159	222	35,026	---	---	---	-6,133
12	FOLLOW ON TO SHAW.....	---	25,125	---	19,053	---	---	---	-6,072
13	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H).....	---	51,553	---	46,509	---	---	---	-5,044
TOTAL, GUIDED MISSILES AND EQUIPMENT.....									
			127,269		110,020				-17,249

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT		COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
COMMUNICATIONS AND ELECTRONICS EQUIPMENT								
COMMAND AND CONTROL SYSTEMS								
16	COMMON AVIATION COMMAND AND CONTROL SYS.....	---	44,928	---	44,928	---	---	---
REPAIR AND TEST EQUIPMENT								
17	REPAIR AND TEST EQUIPMENT.....	---	33,056	---	26,117	---	---	-6,939
COMMAND AND CONTROL								
20	ITEMS UNDER \$5 MILLION (COMM & ELEC).....	---	17,644	---	9,437	---	---	-8,207
21	AIR OPERATIONS C2 SYSTEMS.....	---	18,393	---	17,474	---	---	-919
RADAR + EQUIPMENT (NON-TEL)								
22	RADAR SYSTEMS.....	---	12,411	---	11,170	---	---	-1,241
23	GROUND/AIR TASK ORIENTED RADAR.....	3	139,167	3	132,856	---	---	-6,311
24	RQ-21 UAS.....	4	77,841	4	74,241	---	---	-3,600
INTELL/COMM EQUIPMENT (NON-TEL)								
25	GCSS-MC.....	---	1,990	---	1,990	---	---	---
26	FIRE SUPPORT SYSTEM.....	---	22,260	---	20,029	---	---	-2,231
27	INTELLIGENCE SUPPORT EQUIPMENT.....	---	55,759	---	44,607	---	---	-11,152
29	UNMANNED AIR SYSTEMS (INTEL).....	---	10,154	---	9,139	---	---	-1,015
30	DCGS-MC.....	---	13,462	---	10,770	---	---	-2,692
31	UAS PAYLOADS.....	---	14,193	---	7,057	---	---	-7,136
OTHER COMM/ELEC EQUIPMENT (NON-TEL)								
35	NEXT GENERATION ENTERPRISE NETWORK (NGEN).....	---	98,511	---	89,511	---	---	-9,000
OTHER SUPPORT (NON-TEL)								
36	COMMON COMPUTER RESOURCES.....	---	66,894	---	52,781	---	---	-14,113
37	COMMAND POST SYSTEMS.....	---	186,912	---	145,691	---	---	-41,221
38	RADIO SYSTEMS.....	---	34,361	---	27,489	---	---	-6,872
39	COMM SWITCHING & CONTROL SYSTEMS.....	---	54,615	---	42,607	---	---	-12,008
40	COMM & ELEC INFRASTRUCTURE SUPPORT.....	---	44,455	---	44,455	---	---	---
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....			947,006		812,349			-134,657
SUPPORT VEHICLES								
ADMINISTRATIVE VEHICLES								
42	COMMERCIAL CARGO VEHICLES.....	---	66,951	---	54,132	---	---	-12,819

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
TACTICAL VEHICLES						
43 MOTOR TRANSPORT MODIFICATIONS.....	---	21,824	---	21,824	---	---
44 JOINT LIGHT TACTICAL VEHICLE.....	527	233,639	527	225,207	---	-8,432
45 FAMILY OF TACTICAL TRAILERS.....	---	1,938	---	1,938	---	---
46 TRAILERS.....	---	10,282	---	---	---	-10,282
TOTAL, SUPPORT VEHICLES.....		334,634		303,101		-31,533
ENGINEER AND OTHER EQUIPMENT						
48 ENVIRONMENTAL CONTROL EQUIP ASSORT.....	---	1,405	---	1,405	---	---
50 TACTICAL FUEL SYSTEMS.....	---	1,788	---	1,788	---	---
51 POWER EQUIPMENT ASSORTED.....	---	9,910	---	9,910	---	---
52 AMPHIBIOUS SUPPORT EQUIPMENT.....	---	5,830	---	4,664	---	-1,166
53 EOD SYSTEMS.....	---	27,240	---	27,240	---	---
MATERIALS HANDLING EQUIPMENT						
54 PHYSICAL SECURITY EQUIPMENT.....	---	53,477	---	39,241	---	-14,236
GENERAL PROPERTY						
56 TRAINING DEVICES.....	---	76,185	---	63,679	---	-12,506
58 FAMILY OF CONSTRUCTION EQUIPMENT.....	---	26,286	---	29,786	---	+3,500
59 FAMILY OF INTERNALLY TRANSPORTABLE VEHICLE (ITV).....	---	1,583	---	1,583	---	---
OTHER SUPPORT						
60 ITEMS LESS THAN \$5 MILLION.....	---	7,716	---	6,173	---	-1,543
TOTAL, ENGINEER AND OTHER EQUIPMENT.....		211,420		185,469		-25,951
62 SPARES AND REPAIR PARTS.....	---	35,640	---	28,904	---	-6,736
CLASSIFIED PROGRAMS.....	---	4,214	---	4,214	---	---
TOTAL, PROCUREMENT, MARINE CORPS.....		2,064,825		1,818,846		-245,979

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 AAV7A1 PIP	107,665	100,857	-6,808
Vehicle modifications excess growth		-5,284	
Survivability upgrades carryover		-1,000	
Excess support costs		-524	
2 AMPHIBIOUS COMBAT VEHICLE 1.1	161,511	158,326	-3,185
Excess program management		-3,185	
3 LAV PIP	17,244	13,804	-3,440
Insufficient budget justification		-3,440	
6 HIGH MOBILITY ARTILLERY ROCKET SYSTEM	59,943	54,753	-5,190
Unit cost growth		-5,190	
WEAPONS AND COMBAT VEHICLES UNDER \$5 7 MILLION	19,616	11,941	-7,675
Insufficient budget justification		-7,675	
8 MODIFICATION KITS	17,778	14,223	-3,555
Insufficient budget justification		-3,555	
11 JAVELIN	41,159	35,026	-6,133
Unit cost growth		-6,133	
12 FOLLOW ON TO SMAW	25,125	19,053	-6,072
Unit cost growth		-6,072	
13 ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H)	51,553	46,509	-5,044
Unit cost growth		-5,044	
17 REPAIR AND TEST EQUIPMENT	33,056	26,117	-6,939
MAGTF logistics hardware unit cost growth		-3,639	
Insufficient budget justification		-3,300	
20 ITEMS UNDER \$5 MILLION (COMM & ELEC)	17,644	9,437	-8,207
Insufficient budget justification		-8,207	
21 AIR OPERATIONS C2 SYSTEMS	18,393	17,474	-919
Insufficient budget justification		-919	
22 RADAR SYSTEMS	12,411	11,170	-1,241
Insufficient budget justification		-1,241	
23 GROUND/AIR TASK ORIENTED RADAR	139,167	132,856	-6,311
Logistics support excess to need		-6,311	
24 RQ-21 UAS	77,841	74,241	-3,600
Attrition air vehicles early to need		-3,600	
26 FIRE SUPPORT SYSTEM	22,260	20,029	-2,231
Insufficient budget justification		-2,231	
27 INTELLIGENCE SUPPORT EQUIPMENT	55,759	44,607	-11,152
Insufficient budget justification		-11,152	

P-1	Budget Request	Committee Recommended	Change from Request
29 UNMANNED AIR SYSTEMS (INTEL)	10,154	9,139	-1,015
Insufficient budget justification		-1,015	
30 DCGS-MC	13,462	10,770	-2,692
Insufficient budget justification		-2,692	
31 UAS PAYLOADS	14,193	7,057	-7,136
Insufficient budget justification		-7,136	
35 NEXT GENERATION ENTERPRISE NETWORK (NGEN)	98,511	89,511	-9,000
Wireless local area network excess growth		-9,000	
36 COMMON COMPUTER RESOURCES	66,894	52,781	-14,113
Formal schools technical refresh unjustified growth		-3,276	
SONIC workstations excess growth		-4,148	
Insufficient budget justification		-6,689	
37 COMMAND POST SYSTEMS	186,912	145,691	-41,221
AFATDS unjustified growth		-6,347	
NOTM unjustified growth		-16,183	
Insufficient budget justification		-18,691	
38 RADIO SYSTEMS	34,361	27,489	-6,872
Insufficient budget justification		-6,872	
39 COMM SWITCHING & CONTROL SYSTEMS	54,615	42,607	-12,008
Combat data network equipment previously funded		-12,008	
42 COMMERCIAL CARGO VEHICLES	66,951	54,132	-12,819
Commercial passenger vehicles excess growth		-5,828	
P-19R engineering change proposals excess growth		-6,051	
P-19R program office support previously funded		-940	
44 JOINT LIGHT TACTICAL VEHICLE	233,639	225,207	-8,432
Kits cost growth		-8,432	
46 TRAILERS	10,282	0	-10,282
Unjustified request		-10,282	
52 AMPHIBIOUS SUPPORT EQUIPMENT	5,830	4,664	-1,166
Insufficient budget justification		-1,166	
54 PHYSICAL SECURITY EQUIPMENT	53,477	39,241	-14,236
Collateral equipment early to need		-14,236	
56 TRAINING DEVICES	76,185	63,679	-12,506
Immersive training range support costs early to need		-12,506	
58 FAMILY OF CONSTRUCTION EQUIPMENT	26,286	29,786	3,500
Program increase - laser leveling systems		3,500	
60 ITEMS LESS THAN \$5 MILLION	7,716	6,173	-1,543
Insufficient budget justification		-1,543	
62 SPARES AND REPAIR PARTS	35,640	28,904	-6,736
G/ATOR spares early to need		-6,736	

AIRCRAFT PROCUREMENT, AIR FORCE

Fiscal year 2017 appropriation	\$14,253,623,000
Fiscal year 2018 budget request	15,430,849,000
Committee recommendation	16,553,196,000
Change from budget request	+1,122,347,000

The Committee recommends an appropriation of \$16,553,196,000 for Aircraft Procurement, Air Force which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET		COMMITTEE	CHANGE FROM
		REQUEST	AMOUNT	RECOMMENDED	REQUEST
		QTY		AMOUNT	QTY
					AMOUNT
AIRCRAFT PROCUREMENT, AIR FORCE					
COMBAT AIRCRAFT					
TACTICAL FORCES					
1	F-35.....	46	4,544,684	50	+504,000
2	F-35 (AP-CY).....	---	780,300	---	---
3	KC-46A TANKER.....	15	2,545,674	15	-103,795
TOTAL, COMBAT AIRCRAFT.....			7,870,658	8,270,863	+400,205
AIRLIFT AIRCRAFT					
OTHER AIRLIFT					
4	C-130J.....	---	57,708	6	+582,000
6	HC-130J.....	2	198,502	3	+100,000
8	MC-130J.....	5	379,373	5	---
9	MC-130J (AP).....	---	30,000	---	---
TOTAL, AIRLIFT AIRCRAFT.....			665,583	1,347,583	+682,000
OTHER AIRCRAFT					
MISSION SUPPORT AIRCRAFT					
12	CIVIL AIR PATROL A/C.....	6	2,695	6	+7,905
OTHER AIRCRAFT					
14	TARGET DRONES.....	42	109,841	42	---
17	MQ-9.....	---	117,141	12	+198,112
15X	COMPASS CALL.....	---	---	---	+108,173
TOTAL, OTHER AIRCRAFT.....			229,677	543,867	+314,190

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
MODIFICATION OF INSERVICE AIRCRAFT							
STRATEGIC AIRCRAFT							
18	B-2A.....	---	96,727	---	90,647	---	-6,080
19	B-1B.....	---	155,634	---	121,634	---	-34,000
20	B-52.....	---	109,295	---	109,295	---	---
21	LARGE AIRCRAFT INFRARED COUNTERMEASURES.....	---	4,046	---	4,046	---	---
TACTICAL AIRCRAFT							
22	A-10.....	---	6,010	---	109,010	---	+103,000
23	F-15.....	---	417,193	---	408,337	---	-8,856
24	F-16.....	---	203,864	---	203,864	---	---
25	F-22A.....	---	161,630	---	161,630	---	---
26	F-22A.....	---	15,000	---	15,000	---	---
27	F-35 MODIFICATIONS.....	---	68,270	---	23,270	---	-45,000
28	INCREMENT 3.2b.....	72	105,756	72	105,756	---	---
30	KC-46A TANKER.....	---	6,213	---	1,213	---	-5,000
AIRLIFT AIRCRAFT							
31	C-5.....	---	36,592	---	36,592	---	---
32	C-5M.....	---	6,817	---	6,817	---	---
33	C-17A.....	---	125,522	---	125,522	---	---
34	C-21.....	---	13,253	---	13,253	---	---
35	C-32A.....	---	79,449	---	79,449	---	---
36	C-37A.....	---	15,423	---	15,423	---	---
36	C-130J.....	---	10,727	---	---	---	-10,727
TRAINER AIRCRAFT							
38	GLIDER MODS.....	---	136	---	136	---	---
39	T6.....	---	35,706	---	35,706	---	---
40	T-1.....	---	21,477	---	21,477	---	---
41	T-38.....	---	51,641	---	51,641	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
OTHER AIRCRAFT						
42 U-2 MODS.....	---	36,406	---	36,406	---	---
43 KC-10A (ATCA).....	---	4,243	---	4,243	---	---
44 C-12.....	---	5,846	---	5,846	---	---
45 VC-25A MOD.....	---	52,107	---	52,107	---	---
46 C-40.....	---	31,119	---	31,119	---	---
47 C-130.....	---	66,310	---	195,310	---	+129,000
48 C130J MODS.....	---	171,230	---	181,957	---	+10,727
49 C-135.....	---	69,428	---	69,428	---	---
50 OC-135B.....	---	23,091	---	23,091	---	---
51 COMPASS CALL MODS.....	---	166,541	---	14,572	---	-151,969
52 COMBAT FLIGHT INSPECTION (CFIN).....	---	495	---	495	---	---
53 RC-135.....	---	201,559	---	201,559	---	---
54 E-3.....	---	189,772	---	189,772	---	---
55 E-4.....	---	30,493	---	30,493	---	---
56 E-8.....	---	13,232	---	13,232	---	---
57 AIRBORNE WARNING AND CONTROL SYSTEM.....	---	164,786	---	164,786	---	---
58 FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS.....	3	24,716	3	24,716	---	---
59 H-1.....	---	3,730	---	3,730	---	---
60 H-60.....	---	75,989	---	75,989	---	---
61 RQ-4 UAV MODS.....	---	43,968	---	43,968	---	---
62 HC/MC-130 MODIFICATIONS.....	---	67,674	---	40,313	---	-27,361
63 OTHER AIRCRAFT.....	---	59,068	---	59,068	---	---
65 MQ-9 MODS.....	---	264,740	---	261,740	---	-3,000
66 CV-22 MODS.....	---	60,990	---	60,990	---	---
TOTAL, MODIFICATION OF INSERVICE AIRCRAFT.....		3,573,914		3,524,648		-49,266

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
AIRCRAFT SPARES AND REPAIR PARTS						
67 INITIAL SPARES/REPAIR PARTS.....	---	1,041,569	---	941,569	---	-100,000
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
68 COMMON SUPPORT EQUIPMENT						
AIRCRAFT REPLACEMENT SUPPORT EQUIP.....	---	75,846	---	68,064	---	-7,782
69 COMMON SUPPORT EQUIPMENT.....	---	8,524	---	8,524	---	---
71 T-53A TRAINER.....	---	501	---	501	---	---
POST PRODUCTION SUPPORT						
72 B-2A.....	---	447	---	447	---	---
73 B-2A.....	---	38,509	---	38,509	---	---
74 B-52.....	---	199	---	199	---	---
75 C-17A.....	---	12,028	---	12,028	---	---
78 RC-135.....	---	29,700	---	29,700	---	---
79 F-15.....	---	20,000	---	20,000	---	---
80 F-15 POST PRODUCTION SUPPORT.....	---	2,524	---	2,524	---	---
81 F-16 POST PRODUCTION SUPPORT.....	---	18,051	---	3,051	---	-15,000
82 F-22A.....	---	119,566	---	119,566	---	---
83 OTHER AIRCRAFT.....	---	85,000	---	85,000	---	---
85 RQ-4 POST PRODUCTION CHARGES.....	---	86,695	---	86,695	---	---
86 CV-22 MODS.....	---	4,500	---	4,500	---	---
INDUSTRIAL PREPAREDNESS						
87 INDUSTRIAL PREPAREDNESS.....	---	14,739	---	14,739	---	---
88 C-130J.....	---	102,000	---	---	---	-102,000
WAR CONSUMABLES						
89 WAR CONSUMABLES.....	---	37,647	---	37,647	---	---
OTHER PRODUCTION CHARGES						
90 OTHER PRODUCTION CHARGES.....	---	1,339,160	---	1,339,160	---	---
92 OTHER AIRCRAFT.....	---	600	---	600	---	---
TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES....		1,996,236		1,871,454		-124,782
CLASSIFIED PROGRAMS.....	---	53,212	---	53,212	---	---
TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE.....		15,430,849		16,553,196		+1,122,347

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 F-35 Program increase - four aircraft	4,544,684	5,048,684 504,000	9,593,368
3 KC-46 Program excess	2,545,674	2,441,879 -103,795	-103,795
4 C-130J Program increase - six aircraft for the Air National Guard Weapon system trainer - Air Force requested transfer from line 88	57,708	639,708 480,000 102,000	582,000
6 HC-130J Program increase - one aircraft	198,502	298,502 100,000	100,000
12 CIVIL AIR PATROL AIRCRAFT Program increase	2,695	10,600 7,905	7,905
15X COMPASS CALL Second EC-X air vehicle - transfer from line 51	0	108,173 108,173	108,173
17 MQ-9 Transfer 12 aircraft from title IX	117,141	315,253 198,112	198,112
18 B-2 CVR install excess to need Flex Strike install excess to need MGUE unjustified growth	96,727	90,647 -1,146 -1,029 -3,905	-6,080
19 B-1B F101 engine SLEP - previously funded requirement	155,634	121,634 -34,000	-34,000
22 A-10 Program increase - wing replacement program	6,010	109,010 103,000	103,000
23 F-15 IRST - reduce by two pod sets for increased program risk	417,193	408,337 -8,856	-8,856
27 F-35 MODIFICATIONS Historical underexecution	68,270	23,270 -45,000	-45,000
30 KC-46 Modification funds ahead of need	6,213	1,213 -5,000	-5,000
37 C-130J Air Force requested transfer to line 48	10,727	0 -10,727	-10,727
47 C-130 Engine enhancement program Eight-blade propeller upgrade	66,310	195,310 74,000 55,000	129,000
48 C-130J Air Force requested transfer from line 37	171,230	181,957 10,727	10,727

P-1	Budget Request	Committee Recommended	Change from Request
51 COMPASS CALL MODS	166,541	14,572	-151,969
Third BL3 kit for EC-X ahead of need		-36,144	
Third BL3 install for EC-X ahead of need		-7,652	
Second EC-X air vehicle - transfer to line 15X		-108,173	
62 HC/MC-130 MODS	67,674	40,313	-27,361
Delayed execution - SA, common configuration, trainers		-27,361	
65 MQ-9 MODS	264,740	261,740	-3,000
Excess to need		-3,000	
67 INITIAL SPARES/REPAIR PARTS	1,041,569	941,569	-100,000
Adjustment for realistic execution		-100,000	
68 AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT	75,846	68,064	-7,782
CAPRE procurement funding ahead of need		-7,782	
81 F-16	18,051	3,051	-15,000
Production line shutdown excess to need		-15,000	
88 C-130J	102,000	0	-102,000
Weapon system trainer - Air Force requested transfer to line 4		-102,000	

A-10 WING REPLACEMENT

The Committee recommends \$103,000,000 above the budget request to restart the A-10 wing replacement program, which was included on the Air Force unfunded priorities list. The Committee notes that the included funds are expected to yield three production wing sets. Since 110 A-10 aircraft require new or overhauled wings and the estimated cost of the program could be as high as \$10,000,000 per wing set, completing A-10 wing replacements represents a significant investment over multiple fiscal years. The Committee expects the Secretary of the Air Force to follow through on the inclusion of A-10 wing replacements in the Air Force unfunded priorities list by programming the necessary resources to continue the program in future budget requests beginning with fiscal year 2019.

F-15 INFRARED SEARCH AND TRACK

The Committee directs that no funds provided for the procurement of F-15 infrared search and track pods may be obligated until 15 days after the Secretary of the Air Force submits to the congressional defense committees a report certifying that the pods to be procured will meet or exceed all threshold parameters identified in the report submitted pursuant to Section 219 of the National Defense Authorization Act for Fiscal Year 2016. This report may be submitted in classified form.

F-15C AND AIR FORCE FIGHTER MIX

The Committee is concerned by indications from the Air Force that it may seek to divest the F-15C fleet before an advanced air superiority capability is fielded. The Committee is further concerned by the removal of funds for F-15C Eagle Passive/Active Warning and Survivability System and wing service life extension from the future years defense plan. The Committee understands that the Air Force is currently studying the future optimal mix of fourth and fifth generation fighter aircraft and that the Department of Defense is engaged in forming a new National Defense Strategy, both of which should inform Air Force proposals for the F-15C fleet. The Committee notes that in recent years the Air Force has proposed, with little success, to trade away current tactical air capacity to create budgetary headroom for other priorities. The Committee directs the Secretary of the Air Force to keep the Committee fully informed of all Air Force studies regarding the F-15C fleet (including modification programs) and the composition of the fighter aircraft force, and will carefully review any future proposals regarding the F-15C fleet to ensure that all mission areas can be suitably met.

SPECIAL AIRLIFT MISSION

The Committee is aware that the Air Force has established a threshold requirement of 18 C-37/C-20 class aircraft to perform the Special Airlift Mission, which currently has a capability shortfall due to the divestment of five C-20 aircraft. The Air Force has examined possible courses of action, determined that the preferred solution is to procure three additional C-37B aircraft to achieve the

threshold fleet size, and included these aircraft on the unfunded priorities list. The Committee directs the Secretary of the Air Force to submit a report on the rationale for the preferred alternative, the mission area impact of the current shortfall, a notional procurement plan for achieving the objective fleet size of 22 aircraft, and an estimate of the lifecycle cost impact of the preferred course of action to the congressional defense committees not later than 60 days after the enactment of this Act.

MISSILE PROCUREMENT, AIR FORCE

Fiscal year 2017 appropriation	\$2,348,121,000
Fiscal year 2018 budget request	2,296,182,000
Committee recommendation	2,203,101,000
Change from budget request	-93,081,000

The Committee recommends an appropriation of \$2,203,101,000 for Missile Procurement, Air Force which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
MISSILE PROCUREMENT, AIR FORCE							
BALLISTIC MISSILES							
1	MISSILE REPLACEMENT EQUIPMENT - BALLISTIC						
	MISSILE REPLACEMENT EQ-BALLISTIC.....	---	99,098	---	99,098	---	---
OTHER MISSILES							
TACTICAL							
2	JOINT AIR-SURFACE STANDOFF MISSILE (JASSM).....	360	441,367	360	433,117	---	-8,250
3	LONG RANGE ANTI-SHIP MISSILE (LRASMO).....	15	44,728	15	61,728	---	+17,000
4	SIDEWINDER (AIM-9X).....	310	125,350	310	124,650	---	-700
5	AMRAAM.....	205	304,327	205	268,327	---	-36,000
6	PREDATOR HELLFIRE MISSILE.....	399	34,867	399	34,867	---	---
7	SMALL DIAMETER BOMB.....	5,039	266,030	5,039	257,030	---	-9,000
INDUSTRIAL FACILITIES							
8	INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION.....	---	926	---	926	---	---
TOTAL, OTHER MISSILES.....							
			1,217,595		1,180,645		-36,950
MODIFICATION OF INSERVICE MISSILES							
CLASS IV							
9	ICBM FUZE MOD.....	---	6,334	---	6,334	---	---
10	MM III MODIFICATIONS.....	---	80,109	---	63,978	---	-16,131
11	AGM-65D MAVERICK.....	---	289	---	289	---	---
13	AIR LAUNCH CRUISE MISSILE.....	---	36,425	---	36,425	---	---
14	SMALL DIAMETER BOMB.....	---	14,086	---	14,086	---	---
TOTAL, MODIFICATION OF INSERVICE MISSILES.....							
			137,243		121,112		-16,131
SPARES AND REPAIR PARTS							
15	INITIAL SPARES/REPAIR PARTS.....	---	101,153	---	101,153	---	---
SPECIAL PROGRAMS							
20	SPECIAL UPDATE PROGRAMS.....	---	32,917	---	32,917	---	---
CLASSIFIED PROGRAMS.....							
		---	708,176	---	668,176	---	-40,000
TOTAL, MISSILE PROCUREMENT, AIR FORCE.....							
			2,296,182		2,203,101		-93,081
		=====		=====		=====	

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	JOINT AIR-TO-SURFACE STANDOFF MISSILE Pricing adjustment	441,367	433,117 -8,250	-8,250
3	LRASM Program increase for full funding	44,728	61,728 17,000	17,000
4	SIDEWINDER Pricing adjustment	125,350	124,650 -700	-700
5	AMRAAM Rephase missile buys due to DMS and F3R delay	304,327	268,327 -36,000	-36,000
7	SMALL DIAMETER BOMB SDB I pricing adjustment	266,030	257,030 -9,000	-9,000
10	MM III MODIFICATIONS RVA II ahead of need	80,109	63,978 -16,131	-16,131
999	CLASSIFIED PROGRAMS Classified adjustment	708,176	668,176 -40,000	-40,000

SPACE PROCUREMENT, AIR FORCE

Fiscal year 2017 appropriation	\$2,733,243,000
Fiscal year 2018 budget request	3,370,775,000
Committee recommendation	3,210,355,000
Change from budget request	— 160,420,000

The Committee recommends an appropriation of \$3,210,355,000 for Space Procurement, Air Force which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
SPACE PROCUREMENT, AIR FORCE						
SPACE PROGRAMS						
1	ADVANCED EHF.....	---	56,974	---	56,974	---
2	AF SATELLITE COMM SYSTEM.....	---	57,516	---	57,516	---
3	COUNTERSPACE SYSTEMS.....	---	28,798	---	28,798	---
4	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS.....	---	146,972	---	146,972	---
5	WIDEBAND GAFILLER SATELLITES.....	---	80,849	---	80,849	---
6	GPS III SPACE SEGMENT.....	---	85,894	---	85,894	---
7	GLOBAL POSITIONING (SPACE).....	---	2,198	---	2,198	---
8	SPACEBORNE EQUIP (COMSEC).....	---	25,048	---	25,048	---
10	MILSATCOM.....	---	33,033	---	33,033	---
11	EVOLVED EXPENDABLE LAUNCH VEH INFRASTRUCTURE (SPACE)..	---	957,420	---	947,420	-10,000
12	EVOLVED EXPENDABLE LAUNCH VEH (SPACE).....	3	606,488	3	606,488	---
13	SBIR HIGH (SPACE).....	---	981,009	---	981,009	---
14	SBIR HIGH (SPACE).....	---	132,420	---	---	-132,420
15	NUDET DETECTION SYSTEM SPACE.....	---	6,370	---	6,370	---
16	SPACE MODS SPACE.....	---	37,203	---	19,203	-18,000
17	SPACELIFT RANGE SYSTEM SPACE.....	---	113,874	---	113,874	---
SPARES AND REPAIR PARTS						
18	INITIAL SPARES/REPAIR PARTS.....	---	18,709	---	18,709	---
TOTAL, SPACE PROCUREMENT, AIR FORCE.....						
		3,370,775		3,210,355		-160,420
		=====		=====		=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
11 EVOLVED EXPENDABLE LAUNCH CAPABILITY Excess to need	957,420	947,420 -10,000	-10,000
SPACE BASED INFRARED SYSTEM HIGH (SPACE)			
14 ADVANCE PROCUREMENT Ahead of need	132,420	0 -132,420	-132,420
16 SPACE MODIFICATIONS Unjustified request	37,203	19,203 -18,000	-18,000

GLOBAL POSITIONING SYSTEM III

The Committee believes that after a challenging start to the Global Positioning System III (GPS) program, the least technologically risky and most cost effective approach to procuring space vehicles 11 and beyond is to continue block buys within the program of record. The Committee understands the Air Force continues to research the efficacy of recompeting the existing contract. The Committee directs the Secretary of the Air Force to conduct a review that considers solutions that minimize technical and schedule risk as well as maximize reutilization of existing technology and infrastructure investments and to provide a report on the results of the review to the congressional defense committees not later than February 1, 2018. The Committee also expects the Secretary of the Air Force to request procurement funds in fiscal year 2019 for the acquisition of space vehicles 11 and 12.

SPACE-BASED INFRARED SYSTEM

The Committee is pleased that the Evolved Space-Based Infrared System (SBIRS) program will initially focus on Future Operationally Resilient Ground Evolution and Enterprise Ground Services to support the space warfighting construct. The Committee encourages the Secretary of the Air Force to consider focusing resources on the ground segment before building the space segment.

The Committee is concerned that the request for advance procurement of functional equivalent space vehicles to the SBIRS program of record is not directed by a clearly defined strategy. For example, the SBIRS analysis of alternatives remains incomplete, the wide field of view sensor has no clear transition path into a program of record, and the Committee is unaware of any sustained effort to integrate overhead persistent infrared requirements and capabilities across the Department of Defense and Intelligence Community. Therefore, the Committee does not provide advance procurement for functional equivalent SBIRS space vehicles.

PROCUREMENT OF AMMUNITION, AIR FORCE

Fiscal year 2017 appropriation	\$1,589,219,000
Fiscal year 2018 budget request	1,376,602,000
Committee recommendation	1,316,977,000
Change from budget request	-59,625,000

The Committee recommends an appropriation of \$1,316,977,000 for Procurement of Ammunition, Air Force which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
PROCUREMENT OF AMMUNITION, AIR FORCE							
1	PROCUREMENT OF AMMO, AIR FORCE						
	ROCKETS.....	---	147,454	---	142,729	---	-4,725
2	CARTRIDGES.....	---	161,744	---	157,744	---	-4,000
	BOMBS						
3	PRACTICE BOMBS.....	---	28,509	---	28,509	---	---
4	GENERAL PURPOSE BOMBS.....	---	329,501	---	329,501	---	---
5	MASSIVE ORDNANCE PENETRATOR (MOP).....	---	38,382	---	38,382	---	---
6	JOINT DIRECT ATTACK MUNITION.....	10,330	319,525	10,330	319,525	---	---
7	B61.....	30	77,068	30	83,668	---	-13,400
8	B61.....	30	11,239	30	11,239	---	---
	FLARE, IR MJU-7B						
9	CAD/PAD.....	---	53,469	---	53,469	---	---
10	EXPLOSIVE ORDNANCE DISPOSAL (EOD).....	---	5,921	---	5,921	---	---
11	SPARES AND REPAIR PARTS.....	---	678	---	678	---	---
12	MODIFICATIONS.....	---	1,409	---	1,409	---	---
13	ITEMS LESS THAN \$5,000,000.....	---	5,047	---	5,047	---	---
	FUZES						
15	FLARES.....	---	143,983	---	106,483	---	-37,500
16	FUZES.....	---	24,062	---	24,062	---	---
	TOTAL, PROCUREMENT OF AMMO, AIR FORCE.....		1,347,991		1,288,366		-59,625
14	WEAPONS						
	SHALL ARMS.....	---	28,611	---	28,611	---	---
	TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE.....		1,376,602		1,316,977		-59,625

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	ROCKETS	147,454	142,729	-4,725
	Penetrator warhead - delayed fielding decision		-4,725	
2	CARTRIDGES	161,744	157,744	-4,000
	PGU-48 excess to need		-4,000	
7	B61	77,068	63,668	-13,400
	AUR trainers excess to need		-9,900	
	CMS excess to need		-3,500	
15	FLARES	143,983	106,483	-37,500
	Historical underexecution		-37,500	

OTHER PROCUREMENT, AIR FORCE

Fiscal year 2017 appropriation	\$17,768,224,000
Fiscal year 2018 budget request	19,603,497,000
Committee recommendation	19,318,814,000
Change from budget request	— 284,683,000

The Committee recommends an appropriation of \$19,318,814,000 for Other Procurement, Air Force which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
OTHER PROCUREMENT, AIR FORCE						
VEHICULAR EQUIPMENT						
PASSENGER CARRYING VEHICLES						
1	PASSENGER CARRYING VEHICLE.....	---	15,651	---	15,651	---
CARGO + UTILITY VEHICLES						
2	FAMILY MEDIUM TACTICAL VEHICLE.....	---	54,607	---	50,857	-3,750
3	CAP VEHICLES.....	---	1,011	---	1,700	+689
4	ITEMS LESS THAN \$5M (CARGO).....	---	28,670	---	28,670	---
SPECIAL PURPOSE VEHICLES						
5	SECURITY AND TACTICAL VEHICLES.....	---	59,398	---	59,398	---
6	ITEMS LESS THAN \$5M (SPECIAL).....	---	19,784	---	19,784	---
FIRE FIGHTING EQUIPMENT						
7	FIRE FIGHTING/CRASH RESCUE VEHICLES.....	---	14,768	---	14,768	---
MATERIALS HANDLING EQUIPMENT						
8	ITEMS LESS THAN \$5,000,000.....	---	13,561	---	13,561	---
BASE MAINTENANCE SUPPORT						
9	RUNWAY SNOW REMOVAL & CLEANING EQUIP.....	---	3,429	---	3,429	---
10	ITEMS LESS THAN \$5M.....	---	60,075	---	60,075	---
TOTAL, VEHICULAR EQUIPMENT.....		---	270,954	---	267,893	-3,061
ELECTRONICS AND TELECOMMUNICATIONS EQUIP						
COMM SECURITY EQUIPMENT(COMSEC)						
11	COMSEC EQUIPMENT.....	---	115,000	---	115,000	---
INTELLIGENCE PROGRAMS						
13	INTERNATIONAL INTEL TECH AND ARCHITECTURES.....	---	22,335	---	22,335	---
14	INTELLIGENCE TRAINING EQUIPMENT.....	---	5,892	---	5,892	---
15	INTELLIGENCE COMM EQUIP.....	---	34,072	---	34,072	---
ELECTRONICS PROGRAMS						
16	TRAFFIC CONTROL/LANDING.....	---	66,143	---	66,143	---
17	NATIONAL AIRSPACE SYSTEM.....	---	12,641	---	12,641	---
18	BATTLE CONTROL SYSTEM - FIXED.....	---	6,415	---	6,415	---
19	THEATER AIR CONTROL SYS IMPRO.....	---	23,233	---	23,233	---
20	WEATHER OBSERVATION FORECAST.....	---	40,116	---	40,116	---
21	STRATEGIC COMMAND AND CONTROL.....	---	72,810	---	72,810	---
22	CHEYENNE MOUNTAIN COMPLEX.....	---	9,864	---	9,864	---
23	MISSION PLANNING SYSTEMS.....	---	15,486	---	15,486	---
25	INTEGRATED STRAT PLAN AND ANALY NETWORK (ISPAN).....	---	9,187	---	9,187	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT		COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
SPECIAL COMM-ELECTRONICS PROJECTS								
26	GENERAL INFORMATION TECHNOLOGY.....	---	51,826	---	51,826	---	---	---
27	AF GLOBAL COMMAND & CONTROL SYSTEM.....	---	3,634	---	3,634	---	---	---
28	MOBILITY COMMAND AND CONTROL.....	---	10,083	---	10,083	---	---	---
29	AIR FORCE PHYSICAL SECURITY SYSTEM.....	---	201,866	---	201,866	---	---	---
30	COMBAT TRAINING RANGES.....	---	115,198	---	63,484	---	---	-51,714
31	MINIMUM ESSENTIAL EMERGENCY COMM N.....	---	292	---	292	---	---	---
32	WIDE AREA SURVEILLANCE (WAS).....	---	62,087	---	62,087	---	---	---
33	C3 COUNTERMEASURES.....	---	37,764	---	37,764	---	---	---
34	GCSS-AF FOS.....	---	2,826	---	2,826	---	---	---
35	DEFENSE ENTERPRISE ACCOUNTING AND MGMT.....	---	1,514	---	1,514	---	---	---
36	THEATER BATTLE MGT C2 SYS.....	---	9,646	---	9,646	---	---	---
37	AIR AND SPACE OPERATIONS CTR-WPN SYSTEM.....	---	25,533	---	25,533	---	---	---
AIR FORCE COMMUNICATIONS								
40	INFORMATION TRANSPORT SYSTEMS.....	---	28,159	---	28,159	---	---	---
41	AFNET.....	---	160,820	---	160,820	---	---	---
42	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE).....	---	5,135	---	5,135	---	---	---
43	USCENTCOM.....	---	18,719	---	18,719	---	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
ORGANIZATION AND BASE						
44 TACTICAL C-E EQUIPMENT.....	---	123,206	---	123,206	---	---
45 COMBAT SURVIVOR EVADER LOCATER.....	---	3,004	---	3,004	---	---
46 RADIO EQUIPMENT.....	---	15,736	---	15,736	---	---
47 CCTV/AUDIOVISUAL EQUIPMENT.....	---	5,480	---	5,480	---	---
48 BASE COMM INFRASTRUCTURE.....	---	130,539	---	130,539	---	---
MODIFICATIONS						
49 COMM ELECT MODS.....	---	70,798	---	70,798	---	---
TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP.....		1,517,059		1,465,345		-51,714
OTHER BASE MAINTENANCE AND SUPPORT EQUIP						
PERSONAL SAFETY AND RESCUE EQUIP						
51 ITEMS LESS THAN \$5,000,000 (SAFETY).....	---	52,964	---	49,472	---	-3,492
DEPOT PLANT + MATERIALS HANDLING EQ						
52 MECHANIZED MATERIAL HANDLING.....	---	10,381	---	10,381	---	---
BASE SUPPORT EQUIPMENT						
53 BASE PROCURED EQUIPMENT.....	---	15,038	---	15,038	---	---
54 ENGINEERING AND EOD EQUIPMENT.....	---	26,287	---	26,287	---	---
55 MOBILITY EQUIPMENT.....	---	8,470	---	13,570	---	+5,100
56 ITEMS LESS THAN \$5M (BASE SUPPORT).....	---	28,768	---	28,768	---	---
SPECIAL SUPPORT PROJECTS						
58 DARPA RC135.....	---	25,985	---	25,985	---	---
59 DISTRIBUTED GROUND SYSTEMS.....	---	178,423	---	178,423	---	---
61 SPECIAL UPDATE PROGRAM.....	---	840,980	---	840,980	---	---
TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP.....		1,187,296		1,188,904		+1,608
SPARE AND REPAIR PARTS						
72 SPARES AND REPAIR PARTS.....	---	26,675	---	26,675	---	---
CLASSIFIED PROGRAMS.....	---	16,601,513	---	16,369,997	---	-231,516
TOTAL, OTHER PROCUREMENT, AIR FORCE.....		19,603,497		19,318,814		-284,683

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	MEDIUM TACTICAL VEHICLE Vehicle pricing adjustment	54,607	50,857 -3,750	-3,750
3	CIVIL AIR PATROL VEHICLES Program increase	1,011	1,700 689	689
30	COMBAT TRAINING RANGES JTE ahead of need	115,198	63,484 -51,714	-51,714
51	ITEMS LESS THAN \$5M Next generation ejection seat ahead of need Program excess	52,964	49,472 -992 -2,500	-3,492
55	MOBILITY EQUIPMENT Program increase	8,470	13,570 5,100	5,100
999	CLASSIFIED PROGRAMS Classified adjustment	16,601,513	16,369,997 -231,516	-231,516

PROCUREMENT, DEFENSE WIDE

Fiscal year 2017 appropriation	\$4,881,022,000
Fiscal year 2018 budget request	4,835,418,000
Committee recommendation	5,239,239,000
Change from budget request	+403,821,000

The Committee recommends an appropriation of \$5,239,239,000 for Procurement, Defense-Wide which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
PROCUREMENT, DEFENSE-WIDE							
	MAJOR EQUIPMENT						
	MAJOR EQUIPMENT, DCAA						
1	MAJOR EQUIPMENT ITEMS LESS THAN \$5M.....	---	1,475	---	1,475	---	---
	MAJOR EQUIPMENT, DCHA						
2	MAJOR EQUIPMENT.....	---	4,347	---	4,347	---	---
	MAJOR EQUIPMENT, DHRA						
3	PERSONNEL ADMINISTRATION.....	---	14,588	---	14,588	---	---
	MAJOR EQUIPMENT, DISA						
7	INFORMATION SYSTEMS SECURITY.....	---	24,805	---	26,805	---	+2,000
8	TELEPORT PROGRAM.....	---	46,638	---	46,638	---	---
9	ITEMS LESS THAN \$5M.....	---	15,541	---	15,541	---	---
10	NET CENTRIC ENTERPRISE SERVICES (NCES).....	---	1,161	---	1,161	---	---
11	DEFENSE INFORMATION SYSTEMS NETWORK.....	---	126,345	---	126,345	---	---
12	CYBER SECURITY INITIATIVE.....	---	1,817	---	1,817	---	---
13	WHITE HOUSE COMMUNICATION AGENCY.....	---	45,243	---	45,243	---	---
14	SENIOR LEADERSHIP ENTERPRISE.....	---	294,139	---	294,139	---	---
16	JOINT REGIONAL SECURITY STACKS (JRSS).....	---	188,483	---	188,483	---	---
17	JOINT SERVICE PROVIDER.....	---	100,783	---	100,783	---	---
	MAJOR EQUIPMENT, DLA						
19	MAJOR EQUIPMENT.....	---	2,951	---	2,951	---	---
	MAJOR EQUIPMENT, DMACT						
20	A - WEAPON SYSTEM COST.....	3	13,464	3	13,464	---	---
	MAJOR EQUIPMENT, DODEA						
21	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS.....	---	1,910	---	1,910	---	---
23	MAJOR EQUIPMENT.....	---	1,073	---	1,073	---	---
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY						
25	VEHICLES.....	---	204	---	204	---	---
26	OTHER MAJOR EQUIPMENT.....	---	12,363	---	12,363	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT		COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
MAJOR EQUIPMENT, MDA								
27	THAAD SYSTEM.....	34	451,592	48	611,592		+14	+160,000
28	AEGIS BMD.....	34	425,018	44	512,562		+10	+87,544
29	AEGIS BMD	---	38,738	---	---		---	-38,738
30	BMDs AN/TPY-2 RADARS.....	---	947	---	947		---	---
31	ARROW WEAPON SYSTEM.....	---	---	---	120,000		---	+120,000
32	DAVID'S SLING WEAPON SYSTEM.....	---	---	---	120,000		---	+120,000
33	AEGIS ASHORE PHASE III.....	---	59,739	---	59,739		---	---
34	IRON DOME SYSTEM.....	1	42,000	1	92,000		---	+50,000
35	AEGIS BMD HARDWARE AND SOFTWARE.....	21	160,330	21	157,070		---	-3,260
MAJOR EQUIPMENT, NSA								
41	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP).....	---	5,938	---	5,938		---	---
MAJOR EQUIPMENT, OSD								
42	MAJOR EQUIPMENT, OSD.....	20	36,999	20	36,999		---	---
MAJOR EQUIPMENT, TJS								
43	MAJOR EQUIPMENT, TJS.....	---	9,341	---	9,341		---	---
44	MAJOR EQUIPMENT, TJS-CE2T2.....	---	903	---	903		---	---
MAJOR EQUIPMENT, WHS								
45	MAJOR EQUIPMENT, WHS.....	---	10,529	---	10,529		---	---
TOTAL, MAJOR EQUIPMENT.....			2,139,404		2,636,950			+497,546
SPECIAL OPERATIONS COMMAND								
AVIATION PROGRAMS								
49	SOF ROTARY WING UPGRADES AND SUSTAINMENT.....	---	158,988	---	148,988		---	-10,000
50	UNMANNED ISR.....	---	13,295	---	13,295		---	---
51	NON-STANDARD AVIATION.....	---	4,892	---	4,892		---	---
52	SOF U-28.....	---	5,769	---	5,769		---	---
53	MH-47 CHINOOK.....	---	87,345	---	87,345		---	---
55	CV-22 SOF MODIFICATION.....	---	42,178	---	42,178		---	---
57	MQ-9 UNMANNED AERIAL VEHICLE.....	---	21,660	---	21,660		---	---
59	PRECISION STRIKE PACKAGE.....	---	229,728	---	229,728		---	---
60	AC/MC-130J.....	---	179,934	---	164,934		---	-15,000
61	C-130 MODIFICATIONS.....	---	28,059	---	28,059		---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
SHIPBUILDING						
62 UNDERWATER SYSTEMS.....	---	92,606	---	90,106	---	-2,500
AMMUNITION PROGRAMS						
63 SOF ORDNANCE ITEMS UNDER \$5,000,000.....	---	112,331	---	112,331	---	---
OTHER PROCUREMENT PROGRAMS						
64 SOF INTELLIGENCE SYSTEMS.....	---	82,538	---	80,538	---	-2,000
65 DCGS-SOF.....	---	11,042	---	11,042	---	---
66 OTHER ITEMS UNDER \$5,000,000.....	---	54,592	---	54,592	---	---
67 SOF COMBATANT CRAFT SYSTEMS.....	---	23,272	---	23,272	---	---
68 SPECIAL PROGRAMS.....	---	16,053	---	16,053	---	---
69 TACTICAL VEHICLES.....	---	63,304	---	66,304	---	+3,000
70 WARRIOR SYSTEMS UNDER \$5,000,000.....	---	252,070	---	257,070	---	+5,000
71 COMBAT MISSION REQUIREMENTS.....	---	19,570	---	19,570	---	---
72 SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES.....	---	3,589	---	3,589	---	---
73 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE.....	---	17,953	---	17,953	---	---
75 SOF OPERATIONAL ENHANCEMENTS.....	---	241,429	---	254,679	---	+13,250
TOTAL, SPECIAL OPERATIONS COMMAND.....		1,762,197		1,753,947		-8,250
CHEMICAL/BIOLOGICAL DEFENSE						
76 CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS.....	---	135,031	---	135,031	---	---
77 CB PROTECTION AND HAZARD MITIGATION.....	---	141,027	---	141,027	---	---
TOTAL, CHEMICAL/BIOLOGICAL DEFENSE.....		276,058		276,058		---
CLASSIFIED PROGRAMS.....	---	657,759	---	572,284	---	-85,475
TOTAL, PROCUREMENT, DEFENSE-WIDE.....		4,835,418		5,239,239		+403,821

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
7 INFORMATION SYSTEMS SECURITY	24,805	26,805	2,000
Program increase - Sharkseer		2,000	
27 THAAD SYSTEM	451,592	611,592	160,000
Insufficient budget justification		-5,000	
Program increase - 14 interceptors		165,000	
28 AEGIS BMD	425,018	512,562	87,544
Insufficient budget justification		-5,000	
Tools and test equipment unjustified request		-3,546	
Systems engineering and integration unjustified request		-11,660	
Program increase - ten interceptors and associated canisters		107,750	
29 AEGIS BMD (AP-CY)	38,738	0	-38,738
Advance procurement early to need		-38,738	
31 ARROW WEAPON SYSTEM	0	120,000	120,000
Program increase for co-production		120,000	
32 DAVID'S SLING WEAPON SYSTEM	0	120,000	120,000
Program increase for co-production		120,000	
34 IRON DOME SYSTEM	42,000	92,000	50,000
Program increase for co-production		50,000	
35 AEGIS BMD HARDWARE AND SOFTWARE	160,330	157,070	-3,260
MDA PNT 4650.05 unjustified request		-3,260	
49 SOF ROTARY WING UPGRADES AND SUSTAINMENT	158,988	148,988	-10,000
Program decrease - silent knight radar		-5,000	
Program decrease - early to need		-5,000	
60 AC/MC-130J	179,934	164,934	-15,000
Program decrease		-15,000	
62 UNDERWATER SYSTEMS	92,606	90,106	-2,500
Program decrease - shallow water combat submersible		-2,500	
64 SOF INTELLIGENCE SYSTEMS	82,538	80,538	-2,000
Program decrease - SOCRATES		-2,000	
69 TACTICAL VEHICLES	63,304	66,304	3,000
Program increase -- non-standard vehicles		3,000	
70 SOF WARRIOR SYSTEMS UNDER \$5M	252,070	257,070	5,000
Program increase -- close air support radios		5,000	
75 SOF OPERATIONAL ENHANCEMENTS	241,429	254,679	13,250
Program increase - enhanced precision strike munitions		13,250	
999 CLASSIFIED PROGRAMS	657,759	572,284	-85,475
Classified adjustment		-85,475	

SECURE SUPPLY CHAIN FOR BERYLLIUM

The Committee believes that the commercial market to supply adequate amounts of beryllium for national security needs must remain stable. The market for beryllium is driven primarily by defense and national security needs. As a result, the government has conducted multiple interventions into the beryllium market to ensure that the United States has a secure domestic supply of the material to ensure that no national security requirement goes unmet. These interventions have provided security of supply and stabilized the price for beryllium. The Committee encourages the Secretary of Defense to continue investing in the beryllium industrial supply base.

DEFENSE PRODUCTION ACT

Fiscal year 2017 appropriation	\$64,065,000
Fiscal year 2018 budget request	37,401,000
Committee recommendation	67,401,000
Change from budget request	+30,000,000

The Committee recommends an appropriation of \$67,401,000 for the Defense Production Act which will provide the following program in fiscal year 2018:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
DEFENSE PRODUCTION ACT PURCHASES	37,401	67,401	30,000
Program increase		30,000	
TOTAL, DEFENSE PRODUCTION ACT PURCHASES	37,401	67,401	30,000

PROCUREMENT, NATIONAL DEFENSE RESTORATION FUND

The Committee recommends \$12,622,931,000 for the Procurement, National Defense Restoration Fund, in order to replace and modernize the equipment of the military Services and defense agencies. The Committee directs that the funding be used to meet the requirements necessary to implement the 2018 National Defense Strategy. The Secretary of Defense is directed to submit to the congressional defense committees a proposed allocation plan, including a detailed budget justification for the use of such funds and a description of how such investments are necessary to implement the strategy, not fewer than 30 days prior to making transfers from the fund. Transfers from the fund are subject to prior approval from the congressional defense committees.

TITLE IV

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The fiscal year 2018 Department of Defense research, development, test and evaluation budget request totals \$82,716,636,000. The Committee recommendation provides \$82,654,976,000 for the research, development, test and evaluation accounts. The table below summarizes the Committee recommendations:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST

RECAPITULATION			
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY.....	9,425,440	9,674,222	+248,782
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY.....	17,675,035	17,196,521	-478,514
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE...	34,914,359	33,874,980	-1,039,379
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE.....	20,490,902	20,698,353	+207,451
OPERATIONAL TEST AND EVALUATION, DEFENSE.....	210,900	210,900	---
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NATIONAL DEFENSE RESTORATION FUND.....	---	1,000,000	+1,000,000
GRAND TOTAL, RDT&E.....	82,716,636	82,654,976	-61,660
	=====	=====	=====

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Committee directs the Secretary of Defense to continue to follow the reprogramming guidance as specified in the report accompanying the House version of the Department of Defense Appropriations bill for Fiscal Year 2008 (House Report 110–279). Specifically, the dollar threshold for reprogramming funds will remain at \$20,000,000 for procurement and \$10,000,000 for research, development, test and evaluation.

Also, the Committee directs the Under Secretary of Defense (Comptroller) to continue to provide the congressional defense committees quarterly, spreadsheet-based DD Form 1416 reports for Service and defense-wide accounts in titles III and IV of this Act. Reports for titles III and IV shall comply with the guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act, 2006. The Department shall continue to follow the limitation that prior approval reprogrammings are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative from the Base for Reprogramming value as modified by any adjustments. Therefore, if the combined value of transfers into or out of a procurement (P–1) or research, development, test and evaluation (R–1) line exceeds the identified threshold, the Secretary of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this report.

FUNDING INCREASES

The Committee directs that the funding increases outlined in these tables shall be provided only for the specific purposes indicated in the tables.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION SPECIAL INTEREST ITEMS

Items for which additional funds have been provided as shown in the project level tables or in paragraphs using the phrase “only for” or “only to” in this report are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount specifically addressed in the Committee report. These items remain special interest items whether or not they are repeated in a subsequent conference report.

LIGHTWEIGHT, LONG-DWELL UNMANNED AERIAL SYSTEMS

The Committee understands that there are currently no options available for lightweight, long-dwell unmanned aerial systems (UAS) and believes that this capability may provide the warfighter with a tactical advantage in certain circumstances and theaters. The Committee directs the Secretary of Defense, in coordination with the Director of the Defense Advanced Research Projects Agency, to provide a report to the congressional defense committees not later than 90 days after the enactment of this Act, on any efforts

to address small, lightweight, long-dwell UAS technologies and Service-specific requirements. This report may be submitted with a classified annex if necessary.

COST OF NUCLEAR MODERNIZATION

In the House-passed version of the Department of Defense Appropriations Act, 2017 (House Report 114-577), the Committee directed the Secretary of Defense to submit a report to the congressional defense committees detailing the estimated lifecycle costs associated with the Department's plan for replacing and sustaining all legs of the nuclear triad, including the ground based strategic deterrent, the B-21 bomber, the long range standoff weapon, the Ohio replacement program, associated warheads, and supporting infrastructure. The Committee directs the Secretary of Defense to submit a follow-on report not later than 180 days after the enactment of this Act detailing the updated lifecycle costs for the same programs indicated above and providing an explanation for any changes relative to the initial report. This report may be submitted with a classified annex if necessary.

FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS

The Committee recognizes that the staff years of technical effort (STE) limitation on Federally Funded Research and Development Centers (FFRDCs) has limited the effort of study for many programs including strategic nuclear modernization programs. In an effort to alleviate these limitations, the Committee recommendation increases the fiscal year 2018 limit by 250 STEs, divided proportionately between Studies and Analysis FFRDCs and Systems Engineering and Integration and Laboratories FFRDCs, and provides the necessary funding to support this increase.

ADVANCED LIGHTWEIGHT POLYMER CASED SMALL ARMS AMMUNITIONS

The Committee is encouraged by the Navy's progress on design, development, and testing of advanced lightweight small arms ammunitions and encourages the Secretary of the Navy to continue exploring and refining the use of advanced lightweight polymer cased ammunitions to reduce the weight burden, improve mobility, and enhance the survivability of the warfighter.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

Fiscal year 2017 appropriation	\$8,332,965,000
Fiscal year 2018 budget request	9,425,440,000
Committee recommendation	9,674,222,000
Change from budget request	+248,782,000

The Committee recommends an appropriation of \$9,674,222,000 for Research, Development, Test and Evaluation, Army which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY			
1 BASIC RESEARCH IN-HOUSE LABORATORY INDEPENDENT RESEARCH.....	12,010	12,010	---
2 DEFENSE RESEARCH SCIENCES.....	263,590	263,590	---
3 UNIVERSITY RESEARCH INITIATIVES.....	67,027	67,027	---
4 UNIVERSITY AND INDUSTRY RESEARCH CENTERS.....	87,395	107,395	+20,000
TOTAL, BASIC RESEARCH.....	430,022	450,022	+20,000
5 APPLIED RESEARCH MATERIALS TECHNOLOGY.....	29,640	33,640	+4,000
6 SENSORS AND ELECTRONIC SURVIVABILITY.....	35,730	35,730	---
7 TRACTOR HIP.....	8,627	8,627	---
8 AVIATION TECHNOLOGY.....	66,086	66,086	---
9 ELECTRONIC WARFARE TECHNOLOGY.....	27,144	27,144	---
10 MISSILE TECHNOLOGY.....	43,742	43,742	---
11 ADVANCED WEAPONS TECHNOLOGY.....	22,785	32,785	+10,000
12 ADVANCED CONCEPTS AND SIMULATION.....	28,650	28,650	---
13 COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY.....	67,232	67,232	---
14 BALLISTICS TECHNOLOGY.....	85,309	85,309	---
15 CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY....	4,004	4,004	---
16 JOINT SERVICE SMALL ARMS PROGRAM.....	5,615	5,615	---
17 WEAPONS AND MUNITIONS TECHNOLOGY.....	41,455	210,455	+169,000
18 ELECTRONICS AND ELECTRONIC DEVICES.....	58,352	60,352	+2,000
19 NIGHT VISION TECHNOLOGY.....	34,723	38,723	+4,000
20 COUNTERMINE SYSTEMS.....	26,190	26,190	---
21 HUMAN FACTORS ENGINEERING TECHNOLOGY.....	24,127	24,127	---
22 ENVIRONMENTAL QUALITY TECHNOLOGY.....	21,678	21,678	---
23 COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY.....	33,123	33,123	---
24 COMPUTER AND SOFTWARE TECHNOLOGY.....	14,041	14,041	---
25 MILITARY ENGINEERING TECHNOLOGY.....	67,720	78,720	+11,000
26 MANPOWER/PERSONNEL/TRAINING TECHNOLOGY.....	20,216	16,586	-3,630

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
27 WARFIGHTER TECHNOLOGY.....	39,559	49,559	+10,000
28 MEDICAL TECHNOLOGY.....	83,434	85,434	+2,000
TOTAL, APPLIED RESEARCH.....	889,182	1,097,552	+208,370
29 ADVANCED TECHNOLOGY DEVELOPMENT WARFIGHTER ADVANCED TECHNOLOGY.....	44,863	44,863	---
30 MEDICAL ADVANCED TECHNOLOGY.....	67,780	98,780	+31,000
31 AVIATION ADVANCED TECHNOLOGY.....	160,746	173,746	+13,000
32 WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY.....	84,079	129,079	+45,000
33 COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY.....	125,537	127,037	+1,500
34 SPACE APPLICATION ADVANCED TECHNOLOGY.....	12,231	12,231	---
35 MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY..	6,466	4,366	-2,100
36 TRACTOR HIKE.....	28,552	28,552	---
37 NEXT GENERATION TRAINING & SIMULATION SYSTEMS.....	16,434	16,434	---
39 COMBATING TERRORISM, TECHNOLOGY DEVELOPMENT.....	26,903	26,903	---
40 TRACTOR NAIL.....	4,880	4,880	---
41 TRACTOR EGGS.....	4,326	4,326	---
42 ELECTRONIC WARFARE TECHNOLOGY.....	31,296	31,296	---
43 MISSILE AND ROCKET ADVANCED TECHNOLOGY.....	62,850	74,850	+12,000
44 TRACTOR CAGE.....	12,323	12,323	---
45 HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM.....	182,331	182,331	---
46 LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY.....	17,948	17,948	---
47 JOINT SERVICE SMALL ARMS PROGRAM.....	5,796	5,796	---
48 NIGHT VISION ADVANCED TECHNOLOGY.....	47,135	47,135	---
49 ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS.....	10,421	10,421	---
50 MILITARY ENGINEERING ADVANCED TECHNOLOGY.....	32,448	29,448	-3,000
51 ADVANCED TACTICAL COMPUTER SCIENCE & SENSOR TECHNOLOGY	52,206	52,206	---
52 COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY..	33,426	33,426	---
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	1,070,977	1,168,377	+97,400

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
53 DEMONSTRATION & VALIDATION ARMY MISSILE DEFENSE SYSTEMS INTEGRATION.....	9,634	9,634	---
55 AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING.....	33,949	17,949	-16,000
56 LANDMINE WARFARE AND BARRIER - ADV DEV.....	72,909	72,909	---
57 SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV.....	7,135	7,135	---
58 TANK AND MEDIUM CALIBER AMMUNITION.....	41,452	41,452	---
59 ARMORED SYSTEM MODERNIZATION - ADV DEV.....	32,739	32,739	---
60 SOLDIER SUPPORT AND SURVIVABILITY.....	10,157	13,157	+3,000
61 TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - AD.....	27,733	27,733	---
62 NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT.....	12,347	12,347	---
63 ENVIRONMENTAL QUALITY TECHNOLOGY.....	10,456	10,456	---
64 NATO RESEARCH AND DEVELOPMENT.....	2,588	2,588	---
65 AVIATION - ADV DEV.....	14,055	14,055	---
66 LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV.....	35,333	35,333	---
67 MEDICAL SYSTEMS - ADV DEV.....	33,491	33,491	---
68 SOLDIER SYSTEMS - ADVANCED DEVELOPMENT.....	20,239	35,239	+15,000
69 ROBOTICS DEVELOPMENT.....	39,608	39,608	---
70 ANALYSIS OF ALTERNATIVES.....	9,921	7,611	-2,310
71 LOWER TIER AIR MISSILE DEFENSE (LTAMID) SENSOR.....	76,728	69,708	-7,020
72 TECHNOLOGY MATURATION INITIATIVES.....	115,221	115,221	---
73 MANEUVER - SHORT RANGE AIR DEFENSE (M-SHORAD).....	20,000	20,000	---
74 TRACTOR BEAM.....	10,400	10,400	---
75 ASSURED POSITIONING, NAVIGATION AND TIMING (PNT).....	164,967	140,967	-24,000
76 SYNTHETIC TRAINING ENVIRONMENT REFINEMENT AND PROTOTYPING.....	1,600	1,600	---
77 INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2-INTERC	11,303	11,303	---
78 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT.....	56,492	56,492	---
79 ARMY SPACE SYSTEMS INTEGRATION.....	20,432	20,432	---
TOTAL, DEMONSTRATION & VALIDATION.....	890,889	859,559	-31,330

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
ENGINEERING & MANUFACTURING DEVELOPMENT			
80 AIRCRAFT AVIONICS.....	30,153	28,808	-1,345
81 ELECTRONIC WARFARE DEVELOPMENT.....	71,671	71,671	---
83 MID-TIER NETWORKING VEHICULAR RADIO.....	10,589	10,589	---
84 ALL SOURCE ANALYSIS SYSTEM.....	4,774	4,774	---
85 TRACTOR CAGE.....	17,252	17,252	---
86 INFANTRY SUPPORT WEAPONS.....	87,643	84,293	-3,350
87 MEDIUM TACTICAL VEHICLES.....	6,039	6,039	---
88 JAVELIN.....	21,095	21,095	---
89 FAMILY OF HEAVY TACTICAL VEHICLES.....	10,507	10,507	---
90 AIR TRAFFIC CONTROL.....	3,536	3,536	---
92 LIGHT TACTICAL WHEELED VEHICLES.....	7,000	7,000	---
93 ARMORED SYSTEMS MODERNIZATION (ASM) - ENG DEV.....	36,242	36,242	---
94 NIGHT VISION SYSTEMS - SDD.....	108,504	108,504	---
95 COMBAT FEEDING, CLOTHING, AND EQUIPMENT.....	3,702	3,702	---
96 NON-SYSTEM TRAINING DEVICES - SDD.....	43,575	43,575	---
97 AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -SDD....	28,726	33,726	+5,000
98 CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT.....	18,562	18,562	---
99 AUTOMATIC TEST EQUIPMENT DEVELOPMENT.....	8,344	7,315	-1,029
100 DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - SDD.....	11,270	11,270	---
101 BRILLIANT ANTI-ARMOR SUBMUNITION (BAT).....	10,000	10,000	---
102 COMBINED ARMS TACTICAL TRAINER (CATT) CORE.....	18,566	18,566	---
103 BRIGADE ANALYSIS, INTEGRATION AND EVALUATION.....	145,360	145,360	---
104 WEAPONS AND MUNITIONS - SDD.....	145,232	145,232	---
105 LOGISTICS AND ENGINEER EQUIPMENT - SDD.....	90,965	88,575	-2,390
106 COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - SDD.....	9,910	9,910	---
107 MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT.	39,238	39,238	---
108 LANDMINE WARFARE/BARRIER - SDD.....	34,684	34,684	---
109 ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE...	164,409	164,409	---
110 RADAR DEVELOPMENT.....	32,968	32,968	---
111 GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBs).....	49,554	49,554	---
112 FIREFINDER.....	45,605	45,605	---
113 SOLDIER SYSTEMS - WARRIOR DEM/VAL.....	16,127	16,127	---
114 SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS -EMD.....	98,600	98,600	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
115 ARTILLERY SYSTEMS.....	1,972	1,972	---
116 INFORMATION TECHNOLOGY DEVELOPMENT.....	81,776	71,283	-10,493
117 ARMY INTEGRATED MILITARY HUMAN RESOURCES SYSTEM (A-IMH)	172,361	172,361	---
118 ARMORED MULTI-PURPOSE VEHICLE.....	199,778	199,778	---
INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE			
119 CAPABILITY (IGSSR-C).....	4,418	4,418	---
120 JOINT TACTICAL NETWORK CENTER (JTNC).....	15,877	15,877	---
121 JOINT TACTICAL NETWORK (JTN).....	44,150	44,150	---
122 TRACTOR TIRE.....	34,670	34,670	---
GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM -			
123 EXPENDITARY (GBOSS-E).....	5,207	5,207	---
124 TACTICAL SECURITY SYSTEM (TSS).....	4,727	4,727	---
125 COMMON INFRARED COUNTERMEASURES (CIRCM).....	105,778	105,778	---
126 COMBATING WEAPONS OF MASS DESTRUCTION (CWMD).....	6,927	6,927	---
127 EVIDENCE COLLECTION AND DETAINEE PROCESSING.....	214	214	---
128 NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE....	16,125	16,125	---
129 DEFENSIVE CYBER TOOL DEVELOPMENT.....	55,165	55,165	---
130 TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER).....	20,076	17,744	-2,332
131 CONTRACT WRITING SYSTEM.....	20,322	20,322	---
132 MISSILE WARNING SYSTEM MODERNIZATION (MWSM).....	55,810	55,810	---
133 AIRCRAFT SURVIVABILITY DEVELOPMENT.....	30,879	30,879	---
134 INDIRECT FIRE PROTECTION CAPABILITY INC 2 - BLOCK 1...	175,069	175,069	---
135 GROUND ROBOTICS.....	70,760	63,010	-7,750
137 AMF JOINT TACTICAL RADIO SYSTEM.....	8,965	8,965	---
138 JOINT AIR-TO-GROUND MISSILE (JAGM).....	34,626	34,626	---
140 ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD).....	336,420	336,420	---
143 NATIONAL CAPABILITIES INTEGRATION.....	6,882	6,882	---
144 JOINT LIGHT TACTICAL VEHICLE ENG AND MANUFACTURING....	23,467	23,467	---
145 AVIATION GROUND SUPPORT EQUIPMENT.....	6,930	6,930	---
146 PALADIN INTEGRATED MANAGEMENT (PIM).....	6,112	6,112	---
147 TROJAN - RH12.....	4,431	4,431	---
150 ELECTRONIC WARFARE DEVELOPMENT.....	14,616	14,616	---
151 TRACTOR BEARS.....	17,928	17,928	---
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	3,012,840	2,989,151	-23,689

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
152 RDT&E MANAGEMENT SUPPORT THREAT SIMULATOR DEVELOPMENT.....	22,862	22,862	---
153 TARGET SYSTEMS DEVELOPMENT.....	13,902	13,902	---
154 MAJOR T&E INVESTMENT.....	102,901	102,901	---
155 RAND ARROYO CENTER.....	20,140	20,140	---
156 ARMY KWAJALEIN ATOLL.....	246,663	246,663	---
157 CONCEPTS EXPERIMENTATION PROGRAM.....	29,820	29,820	---
159 ARMY TEST RANGES AND FACILITIES.....	307,588	307,588	---
160 ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS.....	49,242	59,242	+10,000
161 SURVIVABILITY/LETHALITY ANALYSIS.....	41,843	41,843	---
162 AIRCRAFT CERTIFICATION.....	4,804	4,804	---
163 METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES.....	7,238	7,238	---
164 MATERIEL SYSTEMS ANALYSIS.....	21,890	21,890	---
165 EXPLOITATION OF FOREIGN ITEMS.....	12,684	12,684	---
166 SUPPORT OF OPERATIONAL TESTING.....	51,040	51,040	---
167 ARMY EVALUATION CENTER.....	56,246	56,246	---
168 ARMY MODELING AND SIMULATION X-CMD COLLABORATION AND INTEG.....	1,829	1,829	---
169 PROGRAMWIDE ACTIVITIES.....	55,060	55,060	---
170 TECHNICAL INFORMATION ACTIVITIES.....	33,934	36,934	+3,000
171 MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY...	43,444	53,444	+10,000
172 ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT.....	5,087	5,087	---
173 MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)....	54,679	54,679	---
174 MILITARY GROUND-BASED CREW TECHNOLOGY.....	7,916	7,916	---
175 RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE.....	61,254	61,254	---
176 DEFENSE MILITARY DECEPTION INITIATIVE.....	1,779	1,779	---
TOTAL, RDT&E MANAGEMENT SUPPORT.....	1,253,845	1,276,845	+23,000

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
178 OPERATIONAL SYSTEMS DEVELOPMENT MLRS PRODUCT IMPROVEMENT PROGRAM.....	8,929	8,929	---
179 TRACTOR PULL.....	4,014	4,014	---
180 ANTI-TAMPER TECHNOLOGY SUPPORT.....	4,094	4,094	---
181 WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS....	15,738	15,738	---
182 TRACTOR SMOKE.....	4,513	4,513	---
183 LONG RANGE PRECISION FIRES (LRPF).....	102,014	94,014	-8,000
184 APACHE PRODUCT IMPROVEMENT PROGRAM.....	59,977	59,977	---
185 BLACKHAWK RECAP/MODERNIZATION.....	34,416	34,416	---
186 CHINOOK HELICOPTER PRODUCT IMPROVEMENT PROGRAM.....	194,567	173,567	-21,000
187 FIXED WING AIRCRAFT.....	9,981	9,981	---
188 IMPROVED TURBINE ENGINE PROGRAM.....	204,304	204,304	---
189 EMERGING TECHNOLOGIES FROM NIE.....	1,023	1,023	---
190 LOGISTICS AUTOMATION.....	1,504	1,504	---
191 AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.....	10,064	10,064	---
192 UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS.....	38,463	38,463	---
193 FAMILY OF BIOMETRICS.....	6,159	6,159	---
194 PATRIOT PRODUCT IMPROVEMENT.....	90,217	90,217	---
195 AEROSTAT JOINT PROJECT OFFICE.....	6,749	---	-6,749
196 JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM....	33,520	33,520	---
197 COMBAT VEHICLE IMPROVEMENT PROGRAMS.....	343,175	343,175	---
198 MANEUVER CONTROL SYSTEM.....	6,639	6,639	---
198 155MM SELF-PROPELLED HOWITZER IMPROVEMENTS.....	40,784	40,784	---
200 AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS...	39,358	39,358	---
201 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.....	145	145	---
202 DIGITIZATION.....	4,803	4,803	---
203 MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM.....	2,723	2,723	---
204 OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS.....	5,000	5,000	---
205 TRACTOR CARD.....	37,883	37,883	---
207 MATERIALS HANDLING EQUIPMENT.....	1,582	1,582	---
208 ENVIRONMENTAL QUALITY TECHNOLOGY - OPERATIONAL SYSTEM.	195	195	---
209 LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM.....	78,926	78,926	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
210 GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS).....	102,807	102,807	---
213 SECURITY AND INTELLIGENCE ACTIVITIES.....	13,807	13,807	---
214 INFORMATION SYSTEMS SECURITY PROGRAM.....	132,438	107,438	-25,000
215 GLOBAL COMBAT SUPPORT SYSTEM.....	64,370	64,370	---
217 WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM.....	10,475	10,475	---
220 COMBINED ADVANCED APPLICATIONS.....	1,100	1,100	---
222 TACTICAL UNMANNED AERIAL VEHICLES.....	9,433	9,433	---
223 AIRBORNE RECONNAISSANCE SYSTEMS.....	5,080	5,080	---
224 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	24,700	20,480	-4,220
225 MQ-1 SKY WARRIOR A UAV (MQ-1C GRAY EAGLE UAS).....	9,574	9,574	---
226 RQ-11 UAV.....	2,191	2,191	---
227 RQ-7 UAV.....	12,773	12,773	---
228 BIOMETRICS ENABLED INTELLIGENCE.....	2,537	2,537	---
229 WIN-T INCREMENT 2 - INITIAL NETWORKING.....	4,723	4,723	---
230 END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES.....	60,877	80,877	+20,000
231 SATCOM GROUND ENVIRONMENT (SPACE).....	11,959	11,959	---
232 JOINT TACTICAL GROUND SYSTEM.....	10,228	10,228	---
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	1,040,285	1,031,065	-9,220
9999 CLASSIFIED PROGRAMS.....	7,154	7,154	---
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.....	9,425,440	9,674,222	+248,782

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1	Budget Request	Committee Recommended	Change from Request
4 UNIVERSITY AND INDUSTRY RESEARCH CENTERS	87,395	107,395	20,000
Materials in extreme dynamic environments		5,000	
Materials technology for high performance polymers research		15,000	
5 MATERIALS TECHNOLOGY	29,640	33,640	4,000
Open campus pilot program		4,000	
11 ADVANCED WEAPONS TECHNOLOGY	22,785	32,785	10,000
High energy laser development for all-terrain vehicles		10,000	
17 WEAPONS AND MUNITIONS TECHNOLOGY	41,455	210,455	169,000
Program increase		18,000	
Extended range cannon artillery		20,000	
Sensor fused munition		20,000	
Laser weapons accuracy		15,000	
Defense against small UAS		20,000	
120mm cannon fired guided missile		10,000	
Weapons effectiveness in urban engagement		15,000	
Armament systems integration		20,000	
Armament systems concepting		20,000	
Advanced processing of insensitive energetic materials		6,000	
Hybrid projectile technology		5,000	
18 ELECTRONICS AND ELECTRONIC DEVICES	58,352	60,352	2,000
Flexible hybrid electronics technology		2,000	
19 NIGHT VISION TECHNOLOGY	34,723	38,723	4,000
Program increase		4,000	
25 MILITARY ENGINEERING TECHNOLOGY	67,720	78,720	11,000
Innovative construction materials for the Arctic		8,000	
Secure management of energy generation and storage		3,000	
26 MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	20,216	16,586	-3,630
Historical underexecution		-3,630	
27 WARFIGHTER TECHNOLOGY	39,559	49,559	10,000
H98 clothing and technology		5,000	
Program increase		5,000	
28 MEDICAL TECHNOLOGY	83,434	85,434	2,000
Burn patient transfer system		2,000	
30 MEDICAL ADVANCED TECHNOLOGY	67,780	98,780	31,000
Peer-reviewed neurotoxin exposure treatment Parkinson's		16,000	
Peer-reviewed neurofibromatosis research		15,000	
31 AVIATION ADVANCED TECHNOLOGY	160,746	173,746	13,000
Future Vertical Lift		10,000	
Joint tactical aerial resupply vehicle		3,000	
32 WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	84,079	129,079	45,000
Program increase		42,000	
Gun-launched unmanned aerial system		3,000	

R-1	Budget Request	Committee Recommended	Change from Request
33 COMBAT VEHICLE AND AUTOMOTIVE ADVANCED Program increase	125,537	127,037 1,500	1,500
35 MANPOWER, PERSONNEL AND TRAINING ADVANCED Historical underexecution	6,466	4,366 -2,100	-2,100
43 MISSILE AND ROCKET ADVANCED TECHNOLOGY Cybersecurity and supply chain risk management Program increase	62,850	74,850 10,000 2,000	12,000
50 MILITARY ENGINEERING ADVANCED TECHNOLOGY Maintain level of effort Program increase	32,448	29,448 -5,000 2,000	-3,000
55 AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING Lack of strategy	33,949	17,949 -16,000	-16,000
60 SOLDIER SUPPORT AND SURVIVABILITY Program increase	10,157	13,157 3,000	3,000
68 SOLDIER SYSTEMS - ADVANCED DEVELOPMENT Enhanced lightweight body armor Enhanced combat helmet	20,239	35,239 10,000 5,000	15,000
70 ANALYSIS OF ALTERNATIVES Excess cost growth	9,921	7,611 -2,310	-2,310
71 LOWER TIER AIR MISSILE DEFENSE (LTAMID) SENSOR Contract delay	76,728	69,708 -7,020	-7,020
75 ASSURED POSITIONING, NAVIGATION AND TIMING Contract delay	164,967	140,967 -24,000	-24,000
80 AIRCRAFT AVIONICS Historical underexecution	30,153	28,808 -1,345	-1,345
86 INFANTRY SUPPORT WEAPONS XM-25 contract termination Cannon life extension	87,643	84,293 -4,850 1,500	-3,350
97 AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE Counter rocket, artillery, and mortar systems	28,726	33,726 5,000	5,000
99 AUTOMATIC TEST EQUIPMENT DEVELOPMENT Historical underexecution	8,344	7,315 -1,029	-1,029
105 LOGISTICS AND ENGINEER EQUIPMENT - SDD Tactical electric power excess growth	90,965	88,575 -2,390	-2,390
116 INFORMATION TECHNOLOGY DEVELOPMENT Program management cost growth Historical underexecution	81,776	71,283 -2,891 -7,602	-10,493
130 TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER) Test and evaluation cost growth	20,076	17,744 -2,332	-2,332
135 GROUND ROBOTICS Schedule slip	70,760	63,010 -7,750	-7,750

R-1	Budget Request	Committee Recommended	Change from Request
ARMY TECHNICAL TEST INSTRUMENTATION AND			
160 TARGETS	49,242	59,242	10,000
Cybersecurity of space and missile defense assets		10,000	
170 TECHNICAL INFORMATION ACTIVITIES	33,934	36,934	3,000
Army geospatial mission command		3,000	
171 MUNITIONS STANDARDIZATION, EFFECTIVENESS AND	43,444	53,444	10,000
Program increase		5,000	
Life cycle pilot process		5,000	
183 LONG RANGE PRECISION FIRES (LRPF)	102,014	94,014	-8,000
Cybersecurity software effort early to need		-8,000	
186 CHINOOK HELICOPTER PRODUCT IMPROVEMENT	194,567	173,567	-21,000
Flight simulator early to need		-21,000	
195 AEROSTAT JOINT PROJECT OFFICE	6,749	0	-6,749
JLENS program shutdown previously funded		-6,749	
214 INFORMATION SYSTEMS SECURITY PROGRAM	132,438	107,438	-25,000
Excess growth		-25,000	
224 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	24,700	20,480	-4,220
Historical underexecution		-4,220	
230 END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	60,877	80,877	20,000
Additive manufacturing technology insertion		10,000	
Additive manufacturing supply chain		10,000	

ARMY LETHALITY IMPROVEMENTS

The Committee commends the Army's continued attention to and action on the findings of the Army lethality report that was required by the Department of Defense of Appropriations Act, 2015. As a result, the Army has provided resources for select mitigation activities that can be achieved in the near term. The Committee encourages the Secretary of the Army to continue the establishment and advancement of an armament systems integration capability through existing capacity and mechanisms to advance and coordinate armament systems development and effectiveness.

MULTI-ROLE ARMAMENT SYSTEMS

The Committee is concerned that the Army may be out-ranged by some adversaries. The Army has incrementally modified its combat vehicles over the years but has not fully addressed the emerging gaps in lethality. The Committee believes that the Army must have the best equipment available that offers lethality overmatch. The Committee encourages the Secretary of the Army to develop multi-role armament systems that are platform-agnostic and offer multi-munition capability to defeat multiple target sets.

MULTI-ROLE MUNITION TECHNOLOGIES

The Committee encourages the Secretary of the Army to pursue scalable, multi-functional, multi-role munitions that can engage a broad spectrum of targets. This will require advances in enabling technologies, such as fuzes, safe-and-arm devices, and highly directional explosives to support enhanced lethality effects that minimize threat to friendly forces and structures. This increase in capability and efficiency of deployed units could also lighten the load and reduce the logistics burden on tactical forces.

PEER-REVIEWED NEUROFIBROMATOSIS RESEARCH PROGRAM

Malignant peripheral nerve sheath tumors occur in roughly ten percent of neurofibromatosis patients. Even with proper treatment, recurrence rates are high and survival rates are low. The peer-reviewed neurofibromatosis research program has invested in important initiatives that have led to promising returns. The Committee supports continued research into the diagnosis and treatment of neurofibromatosis and peripheral nerve sheath tumors to enhance the quality of life of servicemembers, their families, and all those affected by the disease.

NEXT GENERATION MUNITION TECHNOLOGIES

The Committee is concerned that some adversaries have the capability to counter the Army's rocket, artillery, and mortar systems which will limit the Army's ability to effectively engage targets. The Committee recognizes that the development of counter-measure hardened munitions with low observability and non-predictable maneuver will allow friendly forces to maintain overmatch in indirect fires capabilities. Swarming technologies that enable individual munitions to identify targets, determine the best method of attack, and eventually coordinate among multiple munitions will increase the probability of successful engagement in highly con-

tested operational environments. The Committee encourages the Secretary of the Army to conduct research in this area.

NET ZERO

The Committee encourages the Secretary of the Army to continue the development of a prototype and pilot scale testing of net zero technology for the potential transition to the industrial base.

TECHNOLOGY ADVANCEMENT AND RETENTION CENTER

The Committee recognizes the Army's progress in modeling, simulating, and manufacturing cellulose-based products for ammunition. These capabilities and materials offer enhancements in performance, cost reduction, and process improvement and control. The Committee encourages the Secretary of the Army to consider establishing an enduring capability for research, development, modeling, and simulation that supports continued improvement in ammunition manufacturing. The Committee also encourages the Secretary of the Army to consider planning and equipping for larger scale manufacturing of cellulose-based materials in order to protect this industrial base capability.

ADVANCED DEVELOPMENT OF ASSET PROTECTION TECHNOLOGIES

The Committee recognizes the Army's advancement in developing successful technologies such as thermal indicating paints, active sensor systems, novel power solutions, printed and embedded sensors for aviation structures, flexible electronics, and other technologies that support the warfighter. The Committee encourages the Secretary of the Army to develop, demonstrate, manufacture, and deploy advanced multi-functional materials and technologies that can be combined for customizable asset protection systems and increased weapon system capabilities.

ADVANCED LIGHTWEIGHT TRANSPARENT ARMORS WITH MULTI-FUNCTIONAL CAPABILITY

The Committee notes that the Army continues to design and test advanced lightweight transparent armors with multi-functional capabilities that have the potential to protect the warfighter from current and future threats. The Committee encourages the Secretary of the Army to continue the development of novel, high-performance lightweight transparent armor technology with multi-functional capability that can successfully protect warfighters.

DOMESTIC SUPPLY OF HIGH PERFORMANCE MATERIAL FOR SOLDIER PROTECTION

The Committee recognizes the national security need to provide soldiers with advanced lightweight transparent armor made of laminated films to improve face and eye protection. The Committee encourages the Secretary of the Army to ensure that a secure, domestic source of high performance, strong, transparent polymer films exists for the production of a new generation of lightweight transparent armor that provides superior ballistic protection, optical properties, and operational capabilities.

IMPROVED TURBINE ENGINE PROGRAM

The Committee commends the Army for advancing the research of the Improved Turbine Engine Program and for exploring ways to accelerate the development and fielding of this program. The Improved Turbine Engine Program is intended to develop a more fuel efficient and powerful engine for the current UH-60 Black Hawk and AH-64 Apache helicopter fleets. This new engine will increase operational capabilities in high and hot environments, increase range, and improve fuel efficiency while reducing the Army's logistical footprint, and operational and support costs. Given the positive progress of this program, the Committee recommends fully funding the Improved Turbine Engine Program in fiscal year 2018 and encourages the Secretary of the Army to ensure that the program is robustly funded in future years budget submissions.

PRECISION GUN LAUNCHED PROJECTILES

The Committee is aware of the Army's effort to develop enhanced lethality and accuracy for dismounted soldiers. The Committee believes that emerging manufacturing technologies play a critical role in these efforts by enabling rapid flexible munitions production and cost savings for advanced projectile systems. The Committee encourages the Secretary of the Army to continue development of extended range hybrid and affordable precision gun launched projectiles.

ARMY RESEARCH LABORATORY OPEN CAMPUS INITIATIVE

The Committee supports the Army Research Laboratory's (ARL) Open Campus Initiative which was created in 2014 to increase collaboration with universities and other external research stakeholders. Since that time, ARL Open Campus has established a presence in geographic regions across the United States. Known as ARL extended campuses, Army researchers are able to easily collaborate with and leverage scientific assets outside of ARL's headquarters. The Committee encourages the Director of the Army Research Lab to create additional opportunities for the United States academic research and development community to contribute to Department of Defense science and technology efforts. The Committee recommendation includes \$4,000,000 to support the hiring of university faculty under joint appointments with the laboratory at ARL extended campuses across the country to increase access to infrastructure, research staff, equipment, concepts, and results.

ARMY SCIENCE AND TECHNOLOGY REINVENTION LABORATORIES

The Committee notes the work being conducted at Army Science and Technology Reinvention Laboratories around the country but remains concerned about the current state of research facilities, office space, and other infrastructure at some premier Army laboratories. Modern buildings, equipment, and other resources are vital to ensuring that the Army stays at the cutting edge of technology and continues to recruit and retain the most talented scientific personnel. The Committee encourages the Secretary of the Army to prioritize recapitalizing, refurbishing, and modernizing facilities at Army research laboratories.

BURN PATIENT TRANSFER SYSTEM

The Committee supports the development of strategies and technologies to improve the efficiency of burn patient care in military treatment facilities. The Committee recognizes that, in the event of a mass casualty event, military treatment facilities throughout the nation would experience a significant increase in burn patient volume. Due to the highly specialized nature of burn care, the limited number of dedicated burn beds, and the fact that many military bases are located near civilian trauma/burn centers, the ability to maximize efficiency and effectiveness of care would be critical to the management of an overwhelming surge in burn patient volume and intensity. The Committee encourages the Secretary of the Army to research the development of a burn patient transfer system, including any required hardware and software, that would provide a platform for reporting immediate and surge bed availability, and would electronically match patient acuity with open beds at other military and civilian burn centers.

NEXT GENERATION SIGNATURE MANAGEMENT SYSTEM

The Committee is encouraged by Army efforts to accelerate research and development of its next generation signature management system. This improved camouflage system provides an important defensive capability against current and emerging threats, particularly for warfighters in Europe and the Middle East. The Committee encourages the Secretary of the Army to complete research and development of the camouflage system and accelerate low-rate initial production of the system during fiscal year 2018. Additionally, the Committee is aware of emerging operational needs for mobile camouflage systems and encourages the Secretary of the Army to accelerate and further fund research, development, and procurement efforts for these systems.

COMMON FIRE CONTROL SYSTEM

The Army maintains many combat vehicles, towed howitzers, and dismounted weapon systems, all of which have their own unique fire control systems that are costly to maintain and upgrade. A common fire control system would allow the Army to reduce the number of unique systems that require support, which would potentially generate development and maintenance cost savings. The Committee encourages the Secretary of the Army to develop a common fire control system that can operate across a variety of different platforms and armament systems.

LETHALITY OVERMATCH

The Committee acknowledges that many potential adversaries have established anti-access and area denial measures. To facilitate access to contested areas, the Committee encourages the Secretary of the Army to focus on developing capabilities that can be airdropped into contested areas, operated in GPS-denied environments, and that can survive an initial fight until heavier reinforcements become available. The Committee encourages the Secretary of the Army to consider the development of lighter platforms that have the lethality of the Abrams tank but can be airdropped, as

well as armed robotic platforms that are deployable with manned platforms.

ENHANCED PROPULSION FOR GUN LAUNCHED MUNITIONS

The Committee notes the potential value of developing exterior propulsion capabilities and technologies that can be integrated into conventional munitions for extended range and enhanced maneuverability. The Committee encourages the Secretary of the Army to consider how a propulsion effort could advance state-of-the-art capabilities in energetic formulation, processing, and fabrication of novel propulsion technologies.

ADVANCED ENERGETICS

The Committee encourages the Secretary of the Army to demonstrate, through the application of novel manufacturing pilot processes, next generation insensitive energetic materials that enable increased gun-launched munition performance to achieve longer ranges and increased terminal effects against a spectrum of threats.

ENHANCED NON-DESTRUCTIVE TESTING CAPACITY

The Committee is aware that the Army's Engineer Research and Development Center (ERDC) plays a leading role in researching survivability and protective structures for the warfighter. The Committee recognizes that the ERDC often partners with university research centers which offer enhanced capacity for non-destructive testing and corrosion resistance for protective structures research. The Committee encourages the Secretary of the Army to continue its partnership between the ERDC and university researchers who may help accelerate this vital research.

HUMAN SIMULATION RESEARCH

The Committee recognizes that a foundational research effort that couples applied research in human simulation with physics-based survivability analysis models could lead to substantial insight that enhance warfighter mobility, survivability, welfare, and training. The Committee encourages the Secretary of the Army to support research and integration of physics-based human simulation with existing government models of survivability, lethality, and human performance analysis to create a holistic model.

JOINT MULTI-ROLE PROGRAM

The Committee acknowledges that the development of a helicopter emergency oil system under the Joint Multi-Role program may increase the combat survivability of the platforms under development. Such a system could potentially slow the engine oil drain-out from sixty seconds to six minutes, providing additional flight time and offering the pilot and passengers the necessary time to carry out evasive landing maneuvers to safely land the rotary wing aircraft. The Committee encourages the Secretary of the Army to consider investing in the further development of this technology.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

Fiscal year 2017 appropriation	\$17,214,530,000
Fiscal year 2018 budget request	17,675,035,000
Committee recommendation	17,196,521,000
Change from budget request	- 478,514,000

The Committee recommends an appropriation of \$17,196,521,000 for Research, Development, Test and Evaluation, Navy which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY			
1 BASIC RESEARCH			
UNIVERSITY RESEARCH INITIATIVES.....	118,130	134,130	+16,000
2 IN-HOUSE LABORATORY INDEPENDENT RESEARCH.....	19,438	19,438	---
3 DEFENSE RESEARCH SCIENCES.....	458,333	458,333	---
TOTAL, BASIC RESEARCH.....	595,901	611,901	+16,000
4 APPLIED RESEARCH			
POWER PROJECTION APPLIED RESEARCH.....	13,553	13,553	---
5 FORCE PROTECTION APPLIED RESEARCH.....	125,557	130,557	+5,000
6 MARINE CORPS LANDING FORCE TECHNOLOGY.....	53,936	53,936	---
7 COMMON PICTURE APPLIED RESEARCH.....	36,450	36,450	---
8 WARFIGHTER SUSTAINMENT APPLIED RESEARCH.....	48,649	48,649	---
9 ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH.....	79,598	79,598	---
10 OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH.....	42,411	62,411	+20,000
11 JOINT NON-LETHAL WEAPONS APPLIED RESEARCH.....	6,425	6,425	---
12 UNDERSEA WARFARE APPLIED RESEARCH.....	56,094	56,094	---
13 FUTURE NAVAL CAPABILITIES APPLIED RESEARCH.....	156,805	149,836	-6,969
14 MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH.....	32,733	34,733	+2,000
15 INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH....	171,146	164,146	-7,000
16 SCIENCE AND TECHNOLOGY MANAGEMENT - ONR HEADQUARTERS..	62,722	62,722	---
TOTAL, APPLIED RESEARCH.....	886,079	899,110	+13,031

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
19 ADVANCED TECHNOLOGY DEVELOPMENT FORCE PROTECTION ADVANCED TECHNOLOGY.....	26,342	26,342	---
20 ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY.....	9,360	9,360	---
21 MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD) ..	154,407	148,796	-5,611
22 JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT.....	13,448	13,448	---
23 FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV.....	231,772	205,560	-26,212
24 MANUFACTURING TECHNOLOGY PROGRAM.....	57,797	57,797	---
25 WARFIGHTER PROTECTION ADVANCED TECHNOLOGY.....	4,878	36,378	+31,500
27 NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS.....	64,889	64,889	---
28 MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY....	15,164	15,164	---
29 INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY..	108,285	108,285	---
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	686,342	686,019	-323
30 DEMONSTRATION & VALIDATION AIR/OCEAN TACTICAL APPLICATIONS.....	48,365	48,365	---
31 AVIATION SURVIVABILITY.....	5,566	5,566	---
33 AIRCRAFT SYSTEMS.....	695	695	---
34 ASW SYSTEMS DEVELOPMENT.....	7,661	7,661	---
35 TACTICAL AIRBORNE RECONNAISSANCE.....	3,707	3,707	---
36 ADVANCED COMBAT SYSTEMS TECHNOLOGY.....	61,381	40,144	-21,237
37 SURFACE AND SHALLOW WATER MINE COUNTERMEASURES.....	154,117	104,823	-49,294
38 SURFACE SHIP TORPEDO DEFENSE.....	14,974	24,974	+10,000
39 CARRIER SYSTEMS DEVELOPMENT.....	9,296	9,296	---
40 PILOT FISH.....	132,083	112,383	-19,700
41 RETRACT LARCH.....	15,407	11,826	-3,581
42 RETRACT JUNIPER.....	122,413	122,413	---
43 RADIOLOGICAL CONTROL.....	745	745	---
44 SURFACE ASW.....	1,136	1,136	---
45 ADVANCED SUBMARINE SYSTEM DEVELOPMENT.....	100,955	100,158	-797
46 SUBMARINE TACTICAL WARFARE SYSTEMS.....	13,834	13,834	---
47 SHIP CONCEPT ADVANCED DESIGN.....	36,891	43,316	+6,425
48 SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES.....	12,012	21,698	+9,686
49 ADVANCED NUCLEAR POWER SYSTEMS.....	329,500	329,500	---
50 ADVANCED SURFACE MACHINERY SYSTEMS.....	29,953	22,864	-7,089
51 CHALK EAGLE.....	191,610	169,258	-22,352

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
52 LITTORAL COMBAT SHIP (LCS).....	40,991	50,991	+10,000
53 COMBAT SYSTEM INTEGRATION.....	24,674	20,274	-4,400
54 OHIO REPLACEMENT PROGRAM.....	776,158	776,158	---
55 LITTORAL COMBAT SHIP (LCS) MISSION MODULES.....	116,871	101,707	-15,164
56 AUTOMATED TEST AND RE-TEST.....	8,052	20,052	+12,000
57 FRIGATE DEVELOPMENT.....	143,450	141,131	-2,319
58 CONVENTIONAL MUNITIONS.....	8,909	13,909	+5,000
60 MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM.....	1,428	920	-508
61 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT.....	53,367	53,367	---
63 OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT.....	8,212	8,212	---
64 ENVIRONMENTAL PROTECTION.....	20,214	20,214	---
65 NAVY ENERGY PROGRAM.....	50,623	43,475	-7,148
66 FACILITIES IMPROVEMENT.....	2,837	2,837	---
67 CHALK CORAL.....	245,143	245,143	---
68 NAVY LOGISTIC PRODUCTIVITY.....	2,995	2,995	---
69 RETRACT MAPLE.....	306,101	306,101	---
70 LINK PLUMERIA.....	253,675	238,175	-15,500
71 RETRACT ELM.....	55,691	55,691	---
72 LINK EVERGREEN.....	48,982	48,982	---
74 NATO RESEARCH AND DEVELOPMENT.....	9,099	9,099	---
75 LAND ATTACK TECHNOLOGY.....	33,568	33,568	---
76 JOINT NONLETHAL WEAPONS TESTING.....	29,873	24,205	-5,668
77 JOINT PRECISION APPROACH AND LANDING SYSTEMS.....	106,391	106,391	---
78 DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS.....	107,310	93,431	-13,879
79 GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER.....	83,935	83,935	---
81 TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES.....	46,844	46,844	---
83 MARINE CORPS ADDITIVE MANUFACTURING TECHNOLOGY DEVELOPMENT.....	6,200	6,200	---
85 RAPID TECHNOLOGY CAPABILITY PROTOTYPE.....	7,055	---	-7,055
86 LX (R).....	9,578	9,578	---
87 ADVANCED UNDERSEA PROTOTYPING.....	66,543	66,543	---
89 PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM.....	31,315	29,183	-2,132
90 SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE..	42,851	41,963	-888
91 OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT.....	160,694	160,694	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
93 ASW SYSTEMS DEVELOPMENT - MIP.....	8,278	8,278	---
94 ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM.....	7,979	---	-7,979
95 ELECTRONIC WARFARE DEVELOPMENT - MIP.....	527	527	---
TOTAL, DEMONSTRATION & VALIDATION.....	4,218,714	4,065,135	-153,579
ENGINEERING & MANUFACTURING DEVELOPMENT			
96 TRAINING SYSTEM AIRCRAFT.....	16,945	15,309	-1,636
97 OTHER HELO DEVELOPMENT.....	26,786	26,786	---
98 AV-8B AIRCRAFT - ENG DEV.....	48,780	42,098	-6,682
99 STANDARDS DEVELOPMENT.....	2,722	2,722	---
100 MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT.....	5,371	5,371	---
101 AIR/OCEAN EQUIPMENT ENGINEERING.....	782	782	---
102 P-3 MODERNIZATION PROGRAM.....	1,361	1,361	---
103 WARFARE SUPPORT SYSTEM.....	14,167	14,167	---
104 TACTICAL COMMAND SYSTEM.....	55,695	42,873	-12,822
105 ADVANCED HAWKEYE.....	292,535	242,197	-50,338
106 H-1 UPGRADES.....	61,288	61,288	---
107 ACOUSTIC SEARCH SENSORS.....	37,167	37,167	---
108 V-22A.....	171,386	159,254	-12,132
109 AIR CREW SYSTEMS DEVELOPMENT.....	13,235	6,617	-6,618
110 EA-18.....	173,488	157,637	-15,851
111 ELECTRONIC WARFARE DEVELOPMENT.....	54,055	54,055	---
112 EXECUTIVE HELO DEVELOPMENT.....	451,938	444,938	-7,000
113 NEXT GENERATION JAMMER (NGJ).....	632,936	628,936	-4,000
114 JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY).....	4,310	4,310	---
115 NEXT GENERATION JAMMER (NGJ) INCREMENT II.....	66,686	56,327	-10,359
116 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING.....	390,238	376,174	-14,064
117 LPD-17 CLASS SYSTEMS INTEGRATION.....	689	689	---
118 SMALL DIAMETER BOMB (SDB).....	112,846	112,846	---
119 STANDARD MISSILE IMPROVEMENTS.....	158,578	138,008	-20,570
120 AIRBORNE MCM.....	15,734	15,734	---
122 NAVAL INTEGRATED FIRE CONTROL-COUNTER AIR SYSTEMS ENG.	25,445	25,445	---
124 ADVANCED ABOVE WATER SENSORS.....	87,233	87,233	---
125 SSN-688 AND TRIDENT MODERNIZATION.....	130,981	125,981	-5,000

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
126 AIR CONTROL.....	75,186	73,403	-1,783
127 SHIPBOARD AVIATION SYSTEMS.....	177,926	177,926	---
128 COMBAT INFORMATION CENTER CONVERSION.....	8,062	4,397	-3,665
129 AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM.....	32,090	32,090	---
130 NEW DESIGN SSN.....	120,087	120,087	---
131 SUBMARINE TACTICAL WARFARE SYSTEM.....	50,850	46,303	-4,547
132 SHIP CONTRACT DESIGN/LIVE FIRE T&E.....	67,166	55,024	-12,142
133 NAVY TACTICAL COMPUTER RESOURCES.....	4,817	4,817	---
134 VIRGINIA PAYLOAD MODULE (VPM).....	72,861	72,861	---
135 MINE DEVELOPMENT.....	25,635	25,635	---
136 LIGHTWEIGHT TORPEDO DEVELOPMENT.....	28,076	21,057	-7,019
137 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT.....	7,561	7,561	---
138 PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS....	40,828	18,995	-21,833
139 JOINT STANDOFF WEAPON SYSTEMS.....	435	435	---
140 SHIP SELF DEFENSE (DETECT & CONTROL).....	161,713	161,713	---
141 SHIP SELF DEFENSE (ENGAGE: HARD KILL).....	212,412	222,412	+10,000
142 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW).....	103,391	90,051	-13,340
143 INTELLIGENCE ENGINEERING.....	34,855	34,855	---
144 MEDICAL DEVELOPMENT.....	9,353	33,353	+24,000
145 NAVIGATION/ID SYSTEM.....	92,546	78,096	-14,450
146 JOINT STRIKE FIGHTER (JSF) - EMD.....	152,934	152,934	---
147 JOINT STRIKE FIGHTER (JSF).....	108,931	108,931	---
148 JSF FOLLOW ON DEVELOPMENT-MARINE CORPS.....	144,958	144,958	---
149 JSF FOLLOW ON DEVELOPMENT-NAVY.....	143,855	143,855	---
150 INFORMATION TECHNOLOGY DEVELOPMENT.....	14,865	14,865	---
151 INFORMATION TECHNOLOGY DEVELOPMENT.....	152,977	139,864	-13,113
152 ANTI-TAMPER TECHNOLOGY SUPPORT.....	3,410	3,410	---
153 CH-53K.....	340,758	340,758	---
154 MISSION PLANNING.....	33,430	36,930	+3,500
155 COMMON AVIONICS.....	58,163	53,512	-4,651
156 SHIP TO SHORE CONNECTOR (SSC).....	22,410	22,410	---
157 T-AO (X).....	1,961	1,961	---
158 UNMANNED CARRIER AVIATION.....	222,208	206,218	-15,990
159 JOINT AIR-TO-GROUND MISSILE (JAGM).....	15,473	15,473	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
160 MULTI-MISSION MARITIME AIRCRAFT (MMA).....	11,795	11,795	---
161 MULTI-MISSION MARITIME AIRCRAFT (MMA) INCREMENT 3.....	181,731	136,519	-45,212
162 MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT AND DEMO.....	178,993	178,993	---
163 JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT AND DEMO.....	20,710	20,710	---
164 DDG-1000.....	140,500	140,500	---
168 TACTICAL CRYPTOLOGIC SYSTEMS.....	28,311	22,769	-5,542
170 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT.....	4,502	3,077	-1,425
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	6,362,102	6,067,818	-294,284
171 RDT&E MANAGEMENT SUPPORT THREAT SIMULATOR DEVELOPMENT.....	91,819	58,913	-32,906
172 TARGET SYSTEMS DEVELOPMENT.....	23,053	23,053	---
173 MAJOR T&E INVESTMENT.....	52,634	52,634	---
174 JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION....	141	141	---
175 STUDIES AND ANALYSIS SUPPORT - NAVY.....	3,917	3,917	---
176 CENTER FOR NAVAL ANALYSES.....	50,432	50,432	---
179 TECHNICAL INFORMATION SERVICES.....	782	782	---
180 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT.....	94,562	109,562	+15,000
181 STRATEGIC TECHNICAL SUPPORT.....	4,313	4,313	---
182 RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT.....	1,104	1,104	---
183 RDT&E SHIP AND AIRCRAFT SUPPORT.....	105,666	105,666	---
184 TEST AND EVALUATION SUPPORT.....	373,667	365,524	-8,143
185 OPERATIONAL TEST AND EVALUATION CAPABILITY.....	20,298	20,298	---
186 NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT.....	17,341	17,341	---
188 MARINE CORPS PROGRAM WIDE SUPPORT.....	21,751	21,751	---
189 MANAGEMENT HEADQUARTERS - R&D.....	44,279	44,279	---
190 WARFARE INNOVATION MANAGEMENT.....	28,841	28,841	---
191 MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES).....	1,749	1,749	---
194 SEW SURVEILLANCE/RECONNAISSANCE SUPPORT.....	9,408	9,408	---
TOTAL, RDT&E MANAGEMENT SUPPORT.....	945,757	919,708	-26,049

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATIONAL SYSTEMS DEVELOPMENT			
196 COOPERATIVE ENGAGEMENT CAPABILITY (CEC).....	92,571	86,363	-6,208
197 DEPLOYABLE JOINT COMMAND AND CONTROL.....	3,137	3,137	---
198 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT.....	135,219	125,522	-9,697
199 SSBN SECURITY TECHNOLOGY PROGRAM.....	36,242	36,242	---
200 SUBMARINE ACOUSTIC WARFARE DEVELOPMENT.....	12,053	12,053	---
201 NAVY STRATEGIC COMMUNICATIONS.....	18,221	18,221	---
203 F/A-18 SQUADRONS.....	224,470	216,042	-8,428
204 FLEET TACTICAL DEVELOPMENT.....	33,525	21,025	-12,500
205 SURFACE SUPPORT.....	24,829	22,082	-2,747
206 TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC) ..	133,617	114,372	-19,245
207 INTEGRATED SURVEILLANCE SYSTEM.....	38,972	38,972	---
208 AMPHIBIOUS TACTICAL SUPPORT UNITS.....	3,940	1,961	-1,979
209 GROUND/AIR TASK ORIENTED RADAR.....	54,645	54,645	---
210 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT.....	66,518	66,518	---
211 CRYPTOLOGIC DIRECT SUPPORT.....	1,155	1,155	---
212 ELECTRONIC WARFARE (EW) READINESS SUPPORT.....	51,040	51,040	---
213 HARM IMPROVEMENT.....	87,989	80,069	-7,920
214 TACTICAL DATA LINKS.....	89,852	77,302	-12,550
215 SURFACE ASW COMBAT SYSTEM INTEGRATION.....	29,351	29,351	---
216 MK-48 ADCAP.....	68,553	68,553	---
217 AVIATION IMPROVEMENTS.....	119,099	119,099	---
218 OPERATIONAL NUCLEAR POWER SYSTEMS.....	127,445	127,445	---
219 MARINE CORPS COMMUNICATIONS SYSTEMS.....	123,825	118,742	-5,083
220 COMMON AVIATION COMMAND AND CONTROL SYSTEM	7,343	7,343	---
221 MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS....	66,009	66,009	---
222 MARINE CORPS COMBAT SERVICES SUPPORT.....	25,258	25,258	---
223 USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)....	30,886	30,886	---
224 AMPHIBIOUS ASSAULT VEHICLE.....	58,728	54,683	-4,045
225 TACTICAL AIM MISSILES.....	42,884	40,964	-1,920
226 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).....	25,364	25,364	---
232 CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES.....	24,271	24,271	---
233 INFORMATION SYSTEMS SECURITY PROGRAM.....	50,269	50,269	---
236 JOINT MILITARY INTELLIGENCE PROGRAMS.....	6,352	6,352	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
237 TACTICAL UNMANNED AERIAL VEHICLES.....	7,770	7,770	---
238 UAS INTEGRATION AND INTEROPERABILITY.....	39,736	36,055	-3,681
239 DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS.....	12,867	12,867	---
240 DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS.....	46,150	23,237	-22,913
241 MQ-4C TRITON.....	84,115	84,115	---
242 MQ-8 UAV.....	62,656	62,656	---
243 RQ-11 UAV.....	2,022	2,022	---
245 SMALL (LEVEL 0) TACTICAL UAS (STUASLO).....	4,835	4,835	---
246 RQ-21A.....	8,899	8,899	---
247 MULTI-INTELLIGENCE SENSOR DEVELOPMENT.....	99,020	89,020	-10,000
248 UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP).....	18,578	18,578	---
249 RQ-4 MODERNIZATION.....	229,404	229,404	---
250 MODELING AND SIMULATION SUPPORT.....	5,238	5,238	---
251 DEPOT MAINTENANCE (NON-IF).....	38,227	38,227	---
252 MARITIME TECHNOLOGY (MARITECH).....	4,808	4,808	---
253 SATELLITE COMMUNICATIONS (SPACE).....	37,836	41,442	+3,606
254 DIGITAL WARFARE OFFICE.....	---	15,001	+15,001
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	2,615,793	2,505,484	-110,309
UNDISTRIBUTED ADJUSTMENT--PROGRAM MANAGEMENT COSTS....	---	-15,001	-15,001
9999 CLASSIFIED PROGRAMS.....	1,364,347	1,456,347	+92,000
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.....	17,675,035	17,196,521	-478,514
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EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1	Budget Request	Committee Recommended	Change from Request
1 UNIVERSITY RESEARCH INITIATIVES	118,130	134,130	16,000
Program increase - defense university research instrumentation program		10,000	
Program increase - radar technology		6,000	
5 FORCE PROTECTION APPLIED RESEARCH	125,557	130,557	5,000
Program increase - battery storage and safety		5,000	
OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	42,411	62,411	20,000
Program increase - AGOR service life extension program		15,000	
Program increase - naval special warfare maritime science and technology		5,000	
13 FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	156,805	149,836	-6,969
Capable manpower project delay		-1,626	
Sea shield previously funded efforts		-5,343	
MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	32,733	34,733	2,000
Program increase		2,000	
INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH	171,146	164,146	-7,000
Cyber excess growth		-7,000	
MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	154,407	148,796	-5,611
Logistics previously funded efforts		-1,900	
Combat service support and force protection excess growth		-3,711	
FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV	231,772	205,560	-26,212
Capable manpower project delay		-2,742	
Force health protection previously funded efforts		-2,728	
Forcenet previously funded efforts		-4,110	
Power and energy previously funded efforts		-3,954	
Sea shield previously funded efforts		-8,568	
Sea strike previously funded efforts		-4,110	
25 WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,878	36,378	31,500
Program increase - bone marrow registry program		31,500	
36 ADVANCED COMBAT SYSTEMS TECHNOLOGY	61,381	40,144	-21,237
Rapid prototype development excess growth		-15,876	
Unmanned rapid prototype development excess growth		-5,361	

R-1	Budget Request	Committee Recommended	Change from Request
SURFACE AND SHALLOW WATER MINE			
37 COUNTERMEASURES	154,117	104,823	-49,294
MCM USV with AQS-20 product development delayed new start		-13,417	
MCM USV with AQS-20 support delayed new start		-2,746	
LDUUV product development hardware early to need		-27,871	
LDUUV support excess growth		-3,000	
Knifefish support excess growth		-2,260	
38 SURFACE SHIP TORPEDO DEFENSE	14,974	24,974	10,000
Program increase		10,000	
40 PILOT FISH	132,083	112,383	-19,700
Unclear budget justification		-19,700	
41 RETRACT LARCH	15,407	11,826	-3,581
Insufficient budget justification		-3,581	
45 ADVANCED SUBMARINE SYSTEM DEVELOPMENT	100,955	100,158	-797
Project 2033 advanced submarine systems development unclear budget justification		-3,580	
Payload handling system delayed new start		-2,217	
Program increase - littoral water threats		5,000	
47 SHIP CONCEPT ADVANCED DESIGN	36,891	43,316	6,425
Strategic sealift research and development - transfer from title V		6,425	
48 SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	12,012	21,698	9,686
T-AGOS design and total ship integration test and evaluation early to need		-2,043	
Naval operational logistics integration - transfer from title V		11,729	
50 ADVANCED SURFACE MACHINERY SYSTEMS	29,953	22,864	-7,089
Cybersecurity boundary defense capability delayed new start		-7,089	
51 CHALK EAGLE	191,610	169,258	-22,352
Unclear budget justification		-22,352	
52 LITTORAL COMBAT SHIP (LCS)	40,991	50,991	10,000
Program increase - LCS training courseware		10,000	
53 COMBAT SYSTEM INTEGRATION	24,674	20,274	-4,400
Digital warfare office - transfer to line 254		-4,400	
55 LITTORAL COMBAT SHIP (LCS) MISSION MODULES	116,871	101,707	-15,164
Mine countermeasures mission packages integration of MCM USV early to need		-5,000	
Anti-submarine warfare mission package excess growth		-10,164	
56 AUTOMATED TEST AND RE-TEST	8,052	20,052	12,000
Program increase		12,000	

R-1	Budget Request	Committee Recommended	Change from Request
57 FRIGATE DEVELOPMENT	143,450	141,131	-2,319
Program management support excess growth		-2,319	
58 CONVENTIONAL MUNITIONS	8,909	13,909	5,000
Program increase - energetics technology research		5,000	
60 MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	1,428	920	-508
Saber battery replacement previously funded efforts		-508	
65 NAVY ENERGY PROGRAM	50,623	43,475	-7,148
Hull hydrodynamic sub project prior year carryover		-1,144	
Energy monitoring and assessment prior year carryover		-1,131	
Naval tactical fuels prior year carryover		-4,873	
70 LINK PLUMERIA	253,675	238,175	-15,500
New start unjustified request		-15,500	
76 JOINT NONLETHAL WEAPONS TESTING	29,873	24,205	-5,668
Counter-materiel advanced component development and prototypes delays		-5,668	
DIRECTED ENERGY AND ELECTRIC WEAPON			
78 SYSTEMS	107,310	93,431	-13,879
SNLWS development long lead items early to need		-3,610	
SNLWS government and support engineering services test and evaluation early to need		-1,493	
Solid state laser lower power module development excess growth		-8,776	
85 RAPID TECHNOLOGY CAPABILITY PROTOTYPE	7,055	0	-7,055
Unjustified request		-7,055	
PRECISION STRIKE WEAPONS DEVELOPMENT			
89 PROGRAM	31,315	29,183	-2,132
Miniature air launched decoy long lead material early to need		-2,132	
SPACE & ELECTRONIC WARFARE (SEW)			
90 ARCHITECTURE/ENGINE	42,851	41,963	-888
ISR architecture delayed new start		-888	
94 ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	7,979	0	-7,979
Unjustified request		-7,979	
96 TRAINING SYSTEM AIRCRAFT	16,945	15,309	-1,636
T-45 required avionics sustainment program schedule delay		-1,636	
98 AV-8B AIRCRAFT - ENG DEV	48,780	42,098	-6,682
OFP and avionics weapons systems development and integration unjustified growth		-6,682	

R-1	Budget Request	Committee Recommended	Change from Request
104 TACTICAL COMMAND SYSTEM	55,695	42,873	-12,822
Naval operational maintenance enterprise early to need		-1,500	
Naval administration and personnel system early to need		-1,000	
Maritime tactical command and control schedule delays		-4,372	
Digital warfare office - transfer to line 254		-5,950	
105 ADVANCED HAWKEYE	292,535	242,197	-50,338
Delayed new start efforts		-50,338	
108 V-22A	171,386	159,254	-12,132
Hardware development airframe previously funded		-3,470	
Aerial refueling system development schedule delays		-8,662	
109 AIR CREW SYSTEMS DEVELOPMENT	13,235	6,617	-6,618
Program delays		-6,618	
110 EA-18	173,488	157,637	-15,851
System configuration set development and integration excess growth		-15,851	
112 EXECUTIVE HELO DEVELOPMENT	451,938	444,938	-7,000
Product development previously funded		-7,000	
113 NEXT GENERATION JAMMER (NGJ)	632,936	628,936	-4,000
Hardware development previously funded		-4,000	
115 NEXT GENERATION JAMMER (NGJ) INCREMENT II	66,686	56,327	-10,359
Test and evaluation early to need		-7,274	
Aircraft integration early to need		-3,085	
SURFACE COMBATANT COMBAT SYSTEM			
116 ENGINEERING	390,238	376,174	-14,064
Aegis - fix mode 4/accelerate 5 concurrent efforts		-14,064	
119 STANDARD MISSILE IMPROVEMENTS	158,578	138,008	-20,570
Future capability demonstration excess growth		-20,570	
125 SSN-688 AND TRIDENT MODERNIZATION	130,981	125,981	-5,000
Sub tactical communication system unclear justification		-5,000	
126 AIR CONTROL	75,186	73,403	-1,783
AN/SPN-35 Block I upgrade delayed new start		-1,783	
128 COMBAT INFORMATION CENTER CONVERSION	8,062	4,397	-3,665
USW-DSS capability improvements delayed new start		-3,665	
131 SUBMARINE TACTICAL WARFARE SYSTEM	50,850	46,303	-4,547
AN/BYG-1 T1-14 delayed new start		-3,047	
Unmanned aerial system delayed new start		-1,500	
132 SHIP CONTRACT DESIGN/LIVE FIRE T&E	67,166	55,024	-12,142
CVN 78 class design for affordability delayed new start		-12,610	
Maritime prepositioning force (future) - transfer from title V		468	

R-1	Budget Request	Committee Recommended	Change from Request
136 LIGHTWEIGHT TORPEDO DEVELOPMENT	28,076	21,057	-7,019
Program delays		-7,019	
PERSONNEL, TRAINING, SIMULATION, AND HUMAN			
138 FACTORS	40,828	18,995	-21,833
Excess growth		-21,833	
141 SHIP SELF DEFENSE (ENGAGE: HARD KILL)	212,412	222,412	10,000
Program increase - Alamo munition system		10,000	
142 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	103,391	90,051	-13,340
Decoy development effort schedule slip		-13,340	
144 MEDICAL DEVELOPMENT	9,353	33,353	24,000
Program increase - wound care research		10,000	
Program increase - military dental research		6,000	
Program increase - hypoxia research		5,000	
Program increase - aircrew mounted physiological sensors		3,000	
145 NAVIGATION/ID SYSTEM	92,546	78,096	-14,450
GPS modernization delayed new start and excess growth		-14,450	
151 INFORMATION TECHNOLOGY DEVELOPMENT	152,977	139,864	-13,113
Contract writing system previously funded		-4,000	
NAVSEA IT excess growth		-8,900	
Navy manpower requirements system delayed new start		-1,971	
Authoritative data environment delayed new start		-2,742	
Program increase - enterprise condition based maintenance		4,500	
154 MISSION PLANNING	33,430	36,930	3,500
Program increase - planning and execution monitoring		3,500	
155 COMMON AVIONICS	58,163	53,512	-4,651
Digital warfare office - transfer to line 254		-4,651	
158 UNMANNED CARRIER AVIATION	222,208	206,218	-15,990
CVN segment product development ship installations early to need		-12,990	
Training hardware early to need		-3,000	
MULTI-MISSION MARITIME AIRCRAFT (MMA)			
161 INCREMENT 3	181,731	136,519	-45,212
Platform integration early to need		-45,212	
168 TACTICAL CRYPTOLOGIC SYSTEMS	28,311	22,769	-5,542
Integrated communications and data systems increment II delayed new start		-5,542	

R-1	Budget Request	Committee Recommended	Change from Request
170 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT Cyber tool development delayed new start	4,502	3,077 -1,425	-1,425
171 THREAT SIMULATOR DEVELOPMENT Acquisition and measurement capabilities unjustified growth	91,819	58,913 -32,906	-32,906
MANAGEMENT, TECHNICAL & INTERNATIONAL			
180 SUPPORT Program increase - printed circuit board	94,562	109,562 15,000	15,000
184 TEST AND EVALUATION SUPPORT Marine vessels delayed new start	373,667	365,524 -8,143	-8,143
196 COOPERATIVE ENGAGEMENT CAPABILITY (CEC) System improvements previously funded CEC increment 2 delayed new start	92,571	86,363 -5,100 -1,108	-6,208
198 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT Technical applications delayed new start	135,219	125,522 -9,697	-9,697
203 F/A-18 SQUADRONS Infrared search and track schedule delays	224,470	216,042 -8,428	-8,428
204 FLEET TACTICAL DEVELOPMENT High frequency over-the-horizon robust enterprise concurrent efforts	33,525	21,025 -12,500	-12,500
205 SURFACE SUPPORT Cybersecurity efforts previously funded	24,829	22,082 -2,747	-2,747
TOMAHAWK AND TOMAHAWK MISSION PLANNING			
206 CENTER (TMPC) Maritime strike delayed new start and excess growth	133,617	114,372 -19,245	-19,245
208 AMPHIBIOUS TACTICAL SUPPORT UNITS LARC-V replacement new start delay	3,940	1,961 -1,979	-1,979
213 HARM IMPROVEMENT AARGM ER schedule delays	87,989	80,069 -7,920	-7,920
214 TACTICAL DATA LINKS MIDS increment 2 concurrent efforts	89,852	77,302 -12,550	-12,550
219 MARINE CORPS COMMUNICATIONS SYSTEMS Project 2270 product development unjustified growth AFATDS software development and integration previously funded NOTM product development previously funded	123,825	118,742 -2,213 -1,085 -1,785	-5,083
224 AMPHIBIOUS ASSAULT VEHICLE Test delays	58,728	54,683 -4,045	-4,045
225 TACTICAL AIM MISSILES Test delays	42,884	40,964 -1,920	-1,920

R-1	Budget Request	Committee Recommended	Change from Request
238 UAS INTEGRATION AND INTEROPERABILITY Increment II excess growth	39,736	36,055 -3,681	-3,681
DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE			
240 SYSTEMS Increment 2 delays	46,150	23,237 -22,913	-22,913
247 MULTI-INTELLIGENCE SENSOR DEVELOPMENT Project 3383 concurrent efforts	99,020	89,020 -10,000	-10,000
253 SATELLITE COMMUNICATIONS (SPACE) Enterprise SATCOM gateway modems delayed new start Program increase - NMT development	37,836	41,442 -1,394 5,000	3,606
254 DIGITAL WARFARE OFFICE Transfer from line 53 Transfer from line 104 Transfer from line 155	0	15,001 4,400 5,950 4,651	15,001
999 CLASSIFIED PROGRAMS Classified adjustment	1,364,347	1,456,347 92,000	92,000
UNDISTRIBUTED ADJUSTMENT - PROGRAM MANAGEMENT COSTS		-15,001	-15,001

SURFACE SHIP TORPEDO DEFENSE

The Committee recognizes that there is an urgent operational need for a robust Surface Ship Torpedo Defense system to address a range of torpedo threats facing the Navy's high value units and surface fleet. The Navy has invested significant funding over the last several years on the development and deployment of a towed array sensor system with both active and passive sonar processing designed to counter increased torpedo threats. The Committee notes, however, that the fiscal year 2018 budget request for Surface Ship Torpedo Defense does not fully fund the five systems currently fielded. Therefore, the Committee recommends an increase of \$10,000,000 to specifically support existing Surface Ship Torpedo Defense systems already deployed within the Navy. Additionally, the Committee directs the Secretary of the Navy to provide a detailed investment strategy for maintaining a robust Surface Ship Torpedo Defense system to the congressional defense committees not later than 90 days after the enactment of this Act.

SILICON CARBIDE POWER ELECTRONICS

The Committee supports the Navy's investment to develop advanced power and energy technology to meet requirements for higher electric power loads through efficient means. The use of silicon carbide power modules may be able to reduce the size and weight of power conversion modules and other electronic systems necessary for advanced sensors and weapon systems. The Committee encourages the Secretary of the Navy to continue to invest in advanced power and energy technology and to accelerate the qualification of silicon carbide power modules to be used on high-power, mission critical Navy platforms.

AUTONOMOUS SURVEY SHIP

The Committee is concerned that the Navy Oceanographic Office is not taking advantage of autonomous vessel technologies to facilitate its charting and mapping responsibilities. The employment of an autonomous survey ship by the Navy Oceanographic Office could result in savings in both procurement and personnel costs while increasing the rate at which uncharted portions of the ocean floor become accurately mapped. The Committee directs the Secretary of the Navy to analyze how commercial autonomous survey vessel technology can be capitalized upon for the mission of the Navy Oceanographic Office and to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on the potential benefits commercial autonomous survey vessel technology could provide and the associated cost for the procurement of a commercial autonomous survey ship.

ADVANCED COMBAT SYSTEMS TECHNOLOGY

The Committee recognizes the Navy's desire to develop and field technology solutions in a more expedited method than through the traditional acquisition process. However, the Committee is concerned that recommending a large amount of funding for this effort with no corresponding details or justification would limit congressional oversight. Therefore, the Committee recommends a total of

\$20,000,000 to be split equally between the Rapid Prototype Development project and the Unmanned Rapid Prototype Development project. This funding level is a tenfold increase over the fiscal year 2017 enacted level. Further, the Committee directs the Secretary of the Navy to provide written notification to the House and Senate Appropriations Committees on how the funding will be obligated not fewer than 15 days prior to obligation.

ENERGY STORAGE RESEARCH

The Committee supports continued research in power generation and energy storage and notes that the development and deployment of lithium ion batteries are critical to current and future missions. However, the Committee understands that safety concerns have often hindered the operational use of lithium ion batteries. The Committee believes that the development and qualification of materials technologies, such as non-flammable electrolytes, aimed at improving lithium ion battery safety and performance should be a research priority.

COASTAL ENVIRONMENTAL RESEARCH

The Committee understands the importance of the littoral region to Navy operations worldwide. The Committee believes that additional research of the magnetic, electric, and acoustic ambient fields in the coastal ocean regions and the development of predictive techniques to distinguish ships and submarines from naturally occurring background features would be beneficial for littoral operations. The Committee encourages the Secretary of the Navy to conduct additional research in this critical area.

EXPANDED HYPOXIA RESEARCH

The Committee is concerned about recent incidents aboard multiple aircraft platforms in which pilots reported symptoms of hypoxia, or oxygen deprivation. Despite ongoing efforts to address the problem, reported cases of hypoxia among military pilots are on the rise. The Committee encourages the Secretary of the Navy to continue to research hypoxia to meet pilot mission needs and to ensure the safety of servicemembers.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

Fiscal year 2017 appropriation	\$27,788,548,000
Fiscal year 2018 budget request	34,914,359,000
Committee recommendation	33,874,980,000
Change from budget request	-1,039,379,000

The Committee recommends an appropriation of \$33,874,980,000 for Research, Development, Test and Evaluation, Air Force which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE			
1 BASIC RESEARCH DEFENSE RESEARCH SCIENCES.....	342,919	342,919	---
2 UNIVERSITY RESEARCH INITIATIVES.....	147,923	152,923	+5,000
3 HIGH ENERGY LASER RESEARCH INITIATIVES.....	14,417	14,417	---
TOTAL, BASIC RESEARCH.....	505,259	510,259	+5,000
4 APPLIED RESEARCH MATERIALS.....	124,264	129,264	+5,000
5 AEROSPACE VEHICLE TECHNOLOGIES.....	124,678	140,678	+16,000
6 HUMAN EFFECTIVENESS APPLIED RESEARCH.....	108,784	128,284	+19,500
7 AEROSPACE PROPULSION.....	192,695	192,695	---
8 AEROSPACE SENSORS.....	152,782	152,782	---
9 SCIENCE AND TECHNOLOGY MANAGEMENT - MAJOR HEADQUARTERS	8,353	8,353	---
10 SPACE TECHNOLOGY.....	116,503	119,003	+2,500
11 CONVENTIONAL MUNITIONS.....	112,195	112,195	---
12 DIRECTED ENERGY TECHNOLOGY.....	132,993	132,993	---
13 DOMINANT INFORMATION SCIENCES AND METHODS.....	167,818	172,818	+5,000
14 HIGH ENERGY LASER RESEARCH.....	43,049	43,049	---
TOTAL, APPLIED RESEARCH.....	1,284,114	1,332,114	+48,000
15 ADVANCED TECHNOLOGY DEVELOPMENT ADVANCED MATERIALS FOR WEAPON SYSTEMS.....	37,856	37,856	---
16 SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T).....	22,811	22,811	---
17 ADVANCED AEROSPACE SENSORS.....	40,978	40,978	---
18 AEROSPACE TECHNOLOGY DEV/DEMO.....	115,966	115,966	---
19 AEROSPACE PROPULSION AND POWER TECHNOLOGY.....	104,499	104,499	---
20 ELECTRONIC COMBAT TECHNOLOGY.....	60,551	60,551	---
21 ADVANCED SPACECRAFT TECHNOLOGY.....	58,910	58,910	---
22 MAUI SPACE SURVEILLANCE SYSTEM (MSSS).....	10,433	10,433	---
23 HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT...	33,635	33,635	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
24 CONVENTIONAL WEAPONS TECHNOLOGY.....	167,415	167,415	---
25 ADVANCED WEAPONS TECHNOLOGY.....	45,502	45,502	---
26 MANUFACTURING TECHNOLOGY PROGRAM.....	46,450	46,450	---
27 BATTLESPACE KNOWLEDGE DEVELOPMENT & DEMONSTRATION.....	49,011	49,011	---
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	794,017	794,017	---
28 ADVANCED COMPONENT DEVELOPMENT INTELLIGENCE ADVANCED DEVELOPMENT.....	5,652	5,652	---
30 COMBAT IDENTIFICATION TECHNOLOGY.....	24,397	24,397	---
31 NATO RESEARCH AND DEVELOPMENT.....	3,851	3,851	---
33 INTERCONTINENTAL BALLISTIC MISSILE.....	10,736	10,736	---
34 POLLUTION PREVENTION (DEM/VAL).....	2	2	---
35 LONG RANGE STRIKE.....	2,003,580	1,983,580	-20,000
36 INTEGRATED AVIONICS PLANNING AND DEVELOPMENT.....	65,458	65,458	---
37 ADVANCED TECHNOLOGY AND SENSORS.....	68,719	58,719	-10,000
38 NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP.....	7,850	7,850	---
39 TECHNOLOGY TRANSFER.....	3,295	3,295	---
40 HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM.....	17,365	17,365	---
41 CYBER RESILIENCY OF WEAPON SYSTEMS-ACS.....	32,253	32,253	---
44 DEPLOYMENT AND DISTRIBUTION ENTERPRISE R&D.....	26,222	26,222	---
46 TECH TRANSITION PROGRAM.....	840,650	692,597	-148,053
47 GROUND BASED STRATEGIC DETERRENT.....	215,721	215,721	---
49 NEXT GENERATION AIR DOMINANCE.....	294,746	249,746	-45,000
50 THREE DIMENSIONAL LONG-RANGE RADAR.....	10,645	10,645	---
52 COMMON DATA LINK EXECUTIVE AGENT (CDL EA).....	41,509	41,509	---
53 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT.....	226,287	226,287	---
54 ENABLED CYBER ACTIVITIES.....	16,687	16,687	---
55 SPECIAL TACTICS/COMBAT CONTROL.....	4,500	4,500	---
56 CONTRACTING INFORMATION TECHNOLOGY SYSTEM.....	15,867	15,867	---
57 NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE).....	253,939	243,939	-10,000
58 EO/IR WEATHER SYSTEMS.....	10,000	10,000	---
59 WEATHER SYSTEM FOLLOW-ON.....	112,088	97,088	-15,000
60 SPACE SITUATION AWARENESS SYSTEMS.....	34,764	34,764	---
61 MIDTERM POLAR MILSATCOM SYSTEM.....	63,092	38,092	-25,000

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
62 SPACE CONTROL TECHNOLOGY.....	7,842	7,842	---
63 SPACE SECURITY AND DEFENSE PROGRAM.....	41,385	41,385	---
64 PROTECTED TACTICAL ENTERPRISE SERVICE (PTES).....	18,150	18,150	---
65 PROTECTED TACTICAL SERVICE (PTS).....	24,201	24,201	---
66 PROTECTED SATCOM SERVICES (PSCS) - AGGREGATED.....	16,000	16,000	---
67 OPERATIONALLY RESPONSIVE SPACE.....	87,577	87,577	---
TOTAL, ADVANCED COMPONENT DEVELOPMENT.....	4,605,030	4,331,977	-273,053
ENGINEERING & MANUFACTURING DEVELOPMENT			
68 FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS.....	5,100	5,100	---
69 INTEGRATED AVIONICS PLANNING AND DEVELOPMENT.....	101,203	101,203	---
70 NUCLEAR WEAPONS SUPPORT.....	3,009	3,009	---
71 ELECTRONIC WARFARE DEVELOPMENT.....	2,241	2,241	---
72 TACTICAL DATA NETWORKS ENTERPRISE.....	38,250	38,250	---
73 PHYSICAL SECURITY EQUIPMENT.....	19,739	19,739	---
74 SMALL DIAMETER BOMB (SDB).....	38,979	38,979	---
78 AIRBORNE ELECTRONIC ATTACK.....	7,091	7,091	---
80 ARMAMENT/ORDNANCE DEVELOPMENT.....	46,540	14,448	-32,092
81 SUBMUNITIONS.....	2,705	2,705	---
82 AGILE COMBAT SUPPORT.....	31,240	31,240	---
84 LIFE SUPPORT SYSTEMS.....	9,060	9,060	---
85 COMBAT TRAINING RANGES.....	87,350	87,350	---
86 F-35 - EMD.....	292,947	292,947	---
88 LONG RANGE STANDOFF WEAPON.....	451,290	419,790	-31,500
89 ICBM FUZE MODERNIZATION.....	178,991	178,991	---
90 JOINT TACTICAL NETWORK CENTER (JTNC).....	12,736	12,736	---
91 JOINT TACTICAL NETWORK (JTN).....	9,319	9,319	---
92 F-22 MODERNIZATION INCREMENT 3.2B.....	13,600	13,600	---
94 NEXT GENERATION AERIAL REFUELING AIRCRAFT KC-46.....	93,845	93,845	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
95 ADVANCED PILOT TRAINING.....	105,999	105,999	---
96 COMBAT RESCUE HELICOPTER.....	354,485	354,485	---
100 AIR AND SPACE OPS CENTER 10.2.....	119,745	14,745	-105,000
101 B-2 DEFENSIVE MANAGEMENT SYSTEM.....	194,570	194,570	---
102 NUCLEAR WEAPONS MODERNIZATION.....	91,237	91,237	---
103 F-15 EPAWSS.....	209,847	209,847	---
104 STAND IN ATTACK WEAPON.....	3,400	3,400	---
105 FULL COMBAT MISSION TRAINING.....	16,727	16,727	---
109 NEXTGEN JSTARS.....	417,201	417,201	---
110 C-32 EXECUTIVE TRANSPORT RECAPITALIZATION.....	6,017	3,017	-3,000
111 PRESIDENTIAL AIRCRAFT REPLACEMENT.....	434,069	434,069	---
112 AUTOMATED TEST SYSTEMS.....	18,528	18,528	---
113 COMBAT SURVIVOR EVADER LOCATOR.....	24,967	24,967	---
114 SPACE SITUATION AWARENESS OPERATIONS.....	10,029	10,029	---
115 COUNTERSPACE SYSTEMS.....	66,370	66,370	---
116 SPACE SITUATION AWARENESS SYSTEMS.....	48,448	48,448	---
117 SPACE FENCE.....	35,937	35,937	---
118 ADVANCED EHF MILSATCOM (SPACE).....	145,610	145,610	---
119 POLAR MILSATCOM (SPACE).....	33,644	33,644	---
120 WIDEBAND GLOBAL SATCOM (SPACE).....	14,263	10,263	-4,000
121 SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD.....	311,844	295,344	-16,500
122 EVOLVED SBIRS.....	71,018	71,018	---
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE) -			
123 EMD.....	297,572	297,572	---
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	4,476,762	4,284,670	-192,092

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
124 RDT&E MANAGEMENT SUPPORT THREAT SIMULATOR DEVELOPMENT.....	35,405	35,405	---
125 MAJOR T&E INVESTMENT.....	82,874	92,874	+10,000
126 RAND PROJECT AIR FORCE.....	34,346	34,346	---
128 INITIAL OPERATIONAL TEST & EVALUATION.....	15,523	15,523	---
129 TEST AND EVALUATION SUPPORT.....	678,289	678,289	---
130 ACQ WORKFORCE- GLOBAL POWER.....	219,809	219,809	---
131 ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS.....	223,179	223,179	---
132 ACQ WORKFORCE- GLOBAL REACH.....	138,556	138,556	---
133 ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS.....	221,393	221,393	---
134 ACQ WORKFORCE- GLOBAL BATTLE MGMT.....	152,577	152,577	---
135 ACQ WORKFORCE- CAPABILITY INTEGRATION.....	196,561	196,561	---
136 ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY.....	28,322	28,322	---
137 ACQ WORKFORCE- NUCLEAR SYSTEMS.....	126,611	126,611	---
140 MANAGEMENT HQ - R&D.....	9,154	9,154	---
141 FACILITIES RESTORATION & MODERNIZATION - TEST & EVAL..	135,507	135,507	---
142 FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT..	28,720	28,720	---
143 REQUIREMENTS ANALYSIS AND MATURATION.....	35,453	35,453	---
146 ENTERPRISE INFORMATION SERVICES (EIS).....	29,049	3,849	-25,200
147 ACQUISITION AND MANAGEMENT SUPPORT.....	14,980	14,980	---
148 GENERAL SKILL TRAINING.....	1,434	474	-960
150 INTERNATIONAL ACTIVITIES.....	4,569	4,569	---
151 SPACE TEST AND TRAINING RANGE DEVELOPMENT.....	25,773	25,773	---
152 SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE.....	169,887	169,887	---
153 SPACE & MISSILE SYSTEMS CENTER - MHA.....	9,531	9,531	---
154 ROCKET SYSTEMS LAUNCH PROGRAM (SPACE).....	20,975	20,975	---
155 SPACE TEST PROGRAM (STP).....	25,398	25,398	---
TOTAL, RDT&E MANAGEMENT SUPPORT.....	2,663,875	2,647,715	-16,160

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATIONAL SYSTEMS DEVELOPMENT			
157 NUCLEAR WEAPONS SUPPORT.....	27,579	27,579	---
158 SPECIALIZED UNDERGRADUATE FLIGHT TRAINING.....	5,776	5,776	---
159 WIDE AREA SURVEILLANCE.....	16,247	16,247	---
161 AIR FORCE INTEGRATED MILITARY HUMAN RESOURCES SYSTEM..	21,915	21,915	---
162 ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY.....	33,150	33,150	---
163 FOREIGN MATERIEL ACQUISITION AND EXPLOITATION.....	66,653	66,653	---
164 HC/MC-130 RECAP RDT&E.....	38,579	38,579	---
165 NC3 INTEGRATION.....	12,636	12,636	---
166 B-52 SQUADRONS.....	111,910	111,910	---
167 AIR-LAUNCHED CRUISE MISSILE (ALCM).....	463	463	---
168 B-1B SQUADRONS.....	62,471	62,471	---
169 B-2 SQUADRONS.....	193,108	193,108	---
170 MINUTEMAN SQUADRONS.....	210,845	186,857	-23,988
171 STRAT WAR PLANNING SYSTEM - USSTRATCOM.....	25,736	25,736	---
173 WORLDWIDE JOINT STRATEGIC COMMUNICATIONS.....	6,272	6,272	---
174 INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK.....	11,032	11,032	---
176 UH-1N REPLACEMENT PROGRAM.....	108,617	108,617	---
177 REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION..	3,347	3,347	---
179 MQ-9 UAV.....	201,394	201,394	---
182 A-10 SQUADRONS.....	17,459	17,459	---
183 F-16 SQUADRONS.....	246,578	246,578	---
184 F-15E SQUADRONS.....	320,271	320,271	---
185 MANNED DESTRUCTIVE SUPPRESSION.....	15,106	15,106	---
186 F-22 SQUADRONS.....	610,942	600,942	-10,000
187 F-35 SQUADRONS.....	334,530	334,530	---
188 TACTICAL AIM MISSILES.....	34,952	34,952	---
189 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).....	61,322	61,322	---
191 COMBAT RESCUE - PARARESCUE.....	693	693	---
193 PRECISION ATTACK SYSTEMS PROCUREMENT.....	1,714	1,714	---
194 COMPASS CALL.....	14,040	14,040	---
195 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.....	109,243	109,243	---
197 JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM).....	29,932	29,932	---
198 AIR AND SPACE OPERATIONS CENTER (AOC).....	26,956	26,956	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
199 CONTROL AND REPORTING CENTER (CRC).....	2,450	2,450	---
200 AIRBORNE WARNING AND CONTROL SYSTEM (AWACS).....	151,726	151,726	---
201 TACTICAL AIRBORNE CONTROL SYSTEMS.....	3,656	3,656	---
203 COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES.....	13,420	13,420	---
204 TACTICAL AIR CONTROL PARTY--MOD.....	10,623	10,623	---
205 C2ISR TACTICAL DATA LINK.....	1,754	1,754	---
206 DCAVES.....	17,382	17,382	---
207 NATIONAL TECHNICAL NUCLEAR FORENSICS.....	2,307	2,307	---
208 SEEK EAGLE.....	25,397	25,397	---
209 USAF MODELING AND SIMULATION.....	10,175	10,175	---
210 WARGAMING AND SIMULATION CENTERS.....	12,839	12,839	---
211 DISTRIBUTED TRAINING AND EXERCISES.....	4,190	4,190	---
212 MISSION PLANNING SYSTEMS.....	85,531	85,531	---
213 TACTICAL DECEPTION.....	3,761	3,761	---
214 AF OFFENSIVE CYBERSPACE OPERATIONS.....	35,693	35,693	---
215 AF DEFENSIVE CYBERSPACE OPERATIONS.....	20,964	20,964	---
218 GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN).....	3,549	3,549	---
219 NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES).....	4,371	4,371	---
227 AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS.....	3,721	3,721	---
228 E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC).....	35,467	35,467	---
230 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK....	48,841	48,841	---
231 INFORMATION SYSTEMS SECURITY PROGRAM.....	42,973	42,973	---
232 GLOBAL COMBAT SUPPORT SYSTEM.....	105	105	---
233 GLOBAL FORCE MANAGEMENT - DATA INITIATIVE.....	2,147	2,147	---
236 AIRBORNE SIGINT ENTERPRISE.....	121,948	115,948	-6,000
237 COMMERCIAL ECONOMIC ANALYSIS.....	3,544	---	-3,544
240 CCMD INTELLIGENCE INFORMATION TECHNOLOGY.....	1,542	1,542	---
241 GLOBAL AIR TRAFFIC MANAGEMENT (GATH).....	4,453	4,453	---
243 WEATHER SERVICE.....	26,654	26,654	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
244 AIR TRAFFIC CONTROL, APPROACH, & LANDING SYSTEM (ATC).	6,306	6,306	---
245 AERIAL TARGETS.....	21,295	21,295	---
248 SECURITY AND INVESTIGATIVE ACTIVITIES.....	415	415	---
250 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES.....	3,867	3,867	---
257 DRAGON U-2.....	34,486	34,486	---
259 AIRBORNE RECONNAISSANCE SYSTEMS.....	4,450	14,450	+10,000
260 MANNED RECONNAISSANCE SYSTEMS.....	14,269	14,269	---
261 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	27,501	27,501	---
262 RQ-4 UAV.....	214,849	208,349	-6,500
263 NETWORK-CENTRIC COLLABORATIVE TARGET (TIARA).....	18,842	18,842	---
265 NATO AGS.....	44,729	44,729	---
266 SUPPORT TO DCGS ENTERPRISE.....	26,349	26,349	---
269 INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES.....	3,491	3,491	---
271 RAPID CYBER ACQUISITION.....	4,899	4,899	---
275 PERSONNEL RECOVERY COMMAND & CTRL (PRC2).....	2,445	2,445	---
276 INTELLIGENCE MISSION DATA (IMD).....	8,684	8,684	---
278 C-130 AIRLIFT SQUADRON.....	10,219	10,219	---
279 C-5 AIRLIFT SQUADRONS.....	22,758	22,758	---
280 C-17 AIRCRAFT.....	34,287	28,187	-6,100
281 C-130J PROGRAM.....	26,821	26,821	---
282 LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM).....	5,283	5,283	---
283 KC-135S.....	9,942	9,942	---
284 KC-10S.....	7,933	7,933	---
285 OPERATIONAL SUPPORT AIRLIFT.....	6,681	6,681	---
286 CV-22.....	22,519	22,519	---
287 AMC COMMAND AND CONTROL SYSTEM.....	3,510	3,510	---
288 SPECIAL TACTICS / COMBAT CONTROL.....	8,090	8,090	---
289 DEPOT MAINTENANCE (NON-IF).....	1,528	1,528	---
290 MAINTENANCE, REPAIR & OVERHAUL SYSTEM.....	31,677	31,677	---
291 LOGISTICS INFORMATION TECHNOLOGY (LOGIT).....	33,344	30,344	-3,000
292 SUPPORT SYSTEMS DEVELOPMENT.....	9,362	9,362	---
293 OTHER FLIGHT TRAINING.....	2,074	2,074	---
294 OTHER PERSONNEL ACTIVITIES.....	107	107	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
295 JOINT PERSONNEL RECOVERY AGENCY.....	2,006	2,006	---
296 CIVILIAN COMPENSATION PROGRAM.....	3,780	3,780	---
297 PERSONNEL ADMINISTRATION.....	7,472	5,472	-2,000
298 AIR FORCE STUDIES AND ANALYSIS AGENCY.....	1,563	1,563	---
299 FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT..	91,211	91,211	---
300 SERVICE SUPPORT TO STRATCOM - SPACE ACTIVITIES.....	14,255	14,255	---
301 AF TENCAP.....	31,914	31,914	---
302 FAMILY OF ADVANCED BLOS TERMINALS (FAB-T).....	32,426	32,426	---
303 SATELLITE CONTROL NETWORK (SPACE).....	18,808	18,808	---
305 NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS).....	10,029	10,029	---
306 SPACE AND MISSILE TEST AND EVALUATION CENTER.....	25,051	25,051	---
307 SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.....	11,390	9,390	-2,000
308 INTEGRATED BROADCAST SERVICE (IBS).....	8,747	8,747	---
309 SPACELIFT RANGE SYSTEM (SPACE).....	10,549	10,549	---
310 GPS III SPACE SEGMENT.....	243,435	223,435	-20,000
311 SPACE SUPERIORITY INTELLIGENCE.....	12,691	12,691	---
312 JSPOC MISSION SYSTEM.....	99,455	99,455	---
313 NATIONAL SPACE DEFENSE CENTER.....	18,052	18,052	---
314 SHARED EARLY WARNING (SEW).....	1,373	1,373	---
315 NCMC - TW/AA SYSTEM.....	5,000	5,000	---
316 NUDET DETECTION SYSTEM (SPACE).....	31,508	31,508	---
317 SPACE SITUATION AWARENESS OPERATIONS.....	99,984	95,984	-4,000
318 GLOBAL POSITIONING SYSTEM III - OPERATIONAL CONTROL SEGMENT.....	510,938	510,938	---
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	5,647,300	5,570,168	-77,132
9999 CLASSIFIED PROGRAMS.....	14,938,002	14,404,060	-533,942
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE	34,914,359	33,874,980	-1,039,379
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EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1	Budget Request	Committee Recommended	Change from Request
2 UNIVERSITY RESEARCH INITIATIVES	147,923	152,923	5,000
Program increase		5,000	
4 MATERIALS	124,264	129,264	5,000
Program increase - structures, propulsion, and subsystems		5,000	
5 AEROSPACE VEHICLE TECHNOLOGIES	124,678	140,678	16,000
Program increase - structures		10,000	
Program increase - high speed systems technology		6,000	
6 HUMAN EFFECTIVENESS APPLIED RESEARCH	108,784	128,284	19,500
Program increase - learning and operational readiness		19,500	
10 SPACE TECHNOLOGY	116,503	119,003	2,500
Program increase - spacecraft vehicle technologies		2,500	
13 DOMINANT INFORMATION SCIENCES & METHODS	167,818	172,818	5,000
Program increase		5,000	
35 LONG RANGE STRIKE - BOMBER (B-21)	2,003,580	1,983,580	-20,000
Program excess		-20,000	
37 ADVANCED TECHNOLOGY AND SENSORS	68,719	58,719	-10,000
IT&S unjustified growth		-10,000	
46 TECH TRANSITION PROGRAM	840,650	692,597	-148,053
Lifecycle prototyping - lack of justification		-142,186	
Experimentation campaigns - unjustified growth		-15,867	
Competitively awarded technology transition		10,000	
49 NEXT GENERATION AIR DOMINANCE	294,746	249,746	-45,000
Re-phase program growth		-45,000	
57 NAVSTAR USER EQUIPMENT (SPACE)	253,939	243,939	-10,000
Excess to need		-10,000	
59 WEATHER SYSTEM FOLLOW-ON	112,088	97,088	-15,000
Excess to need		-15,000	
61 MIDTERM POLAR MILSATCOM SYSTEM	63,092	38,092	-25,000
Excess to need		-25,000	
80 ARMAMENT/ORDNANCE DEVELOPMENT	46,540	14,448	-32,092
SFW-ER		-32,092	
88 LONG RANGE STANDOFF WEAPON	451,290	419,790	-31,500
TMRR contract delay		-31,500	
100 AOC 10.2	119,745	14,745	-105,000
Program in strategic pause		-105,000	
110 C-32 EXECUTIVE TRANSPORT RECAP	6,017	3,017	-3,000
Program office excess to need		-3,000	

R-1	Budget Request	Committee Recommended	Change from Request
120 WIDEBAND GLOBAL SATCOM (SPACE) Excess to need	14,263	10,263 -4,000	-4,000
121 SBIRS HIGH Space modernization initiative	311,844	295,344 -16,500	-16,500
125 MAJOR T&E INVESTMENT Major range test facility base enhancements	82,874	92,874 10,000	10,000
146 ENTERPRISE INFORMATION SERVICES Enterprise resource planning consolidation - unjustified new start	29,049	3,849 -25,200	-25,200
148 GENERAL SKILL TRAINING Historical underexecution	1,434	474 -960	-960
170 MINUTEMAN SQUADRONS Program growth unjustified by historical underexecution	210,845	186,857 -23,988	-23,988
186 F-22 SQUADRONS Small projects unjustified growth	610,942	600,942 -10,000	-10,000
236 AIRBORNE SIGINT ENTERPRISE Non-traditional SIGINT unjustified growth	121,948	115,948 -6,000	-6,000
237 COMMERCIAL ECONOMIC ANALYSIS Insufficient budget justification	3,544	0 -3,544	-3,544
259 AIRBORNE RECONNAISSANCE SYSTEMS Wide area surveillance	4,450	14,450 10,000	10,000
262 RQ-4 Delayed obligations Block 40 flexible payloads	214,849	208,349 -12,000 5,500	-6,500
280 C-17 Excess to need	34,287	28,187 -6,100	-6,100
291 LOGIT New program growth (non-FIAR)	33,344	30,344 -3,000	-3,000
297 PERSONNEL ADMINISTRATION Historical underexecution	7,472	5,472 -2,000	-2,000
SPACE INNOVATION, INTEGRATION AND RAPID 307 TECHNOLOGY DEVELOPMENT Unjustified request	11,390	9,390 -2,000	-2,000
310 GPS III SPACE SEGMENT Excess to need	243,435	223,435 -20,000	-20,000
317 SPACE SITUATION AWARENESS OPERATIONS Excess to need	99,984	95,984 -4,000	-4,000
999 CLASSIFIED PROGRAMS Classified adjustment	14,938,002	14,404,060 -533,942	-533,942

PRESIDENTIAL AIRCRAFT REPLACEMENT

The Committee directs the Secretary of the Air Force to continue to make available to the congressional defense committees a quarterly brief on the Presidential Aircraft Replacement program.

JOINT SURVEILLANCE TARGET ATTACK RADAR SYSTEM

The Committee recommendation fully funds the budget request of \$417,021,000 for the Joint Surveillance Target Attack Radar System (JSTARS) recapitalization program. In order to ensure that the Air Force remains on schedule to contract for development of the new JSTARS platform in fiscal year 2018, the recommendation includes a legislative provision that prohibits the use of funds to continue pre-milestone B activities beyond March 31, 2018, except for source selection and other activities necessary to enter the engineering and manufacturing development phase.

The Committee expects that the Air Force will not take steps to prematurely retire existing mission capable E-8 JSTARS aircraft prior to the current estimated initial operational capability (not later than fiscal year 2024) for the new JSTARS platform. The Air Force has indicated that no determination has yet been made regarding the phase-out of the E-8 fleet. The Committee recognizes that the retirement of E-8 aircraft is partially dependent on the progress of the recapitalization program, but is concerned that the Air Force has not programmed funds to modify the E-8 fleet in order to meet air traffic control mandates and has been unable to provide an estimate for such modifications. Therefore, the Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees on the estimated cost and schedule for integrating, procuring, and installing necessary avionics upgrades for the E-8 fleet in order to meet air traffic control mandates. The report shall be submitted not later than January 31, 2018.

ANTENNA RESEARCH

The Committee is aware that the Air Force has funded research in deployable and reconfigurable multifunctional antennas. The Committee encourages the Director of the Air Force Office of Scientific Research to partner with academic institutions capable of advancing technologies with a potentially transformational impact on important applications for military use, such as expandable antennas for satellite communications and collapsible antennas that can benefit ground personnel by reducing the weight and footprint of antennas.

MATERIALS FOR EXTREME ENVIRONMENTS

The Committee is aware that the Air Force is conducting research into the development of complex materials and structures for use on weapon systems operating in extreme environments. The Committee encourages the Secretary of the Air Force to expand such research to two-dimensional materials beyond graphene, including oxide materials that are suitable for operationally relevant extreme environments.

AIRCRAFT LIGHT WEIGHTING EFFORTS

The Committee is aware that the Air Force is conducting research into a family of affordable lightweight materials, including metals, polymers, ceramics, metallic and nonmetallic composites, and hybrid materials to provide new and upgraded capabilities for aircraft, missile, and propulsion systems to meet future system weight requirements. The Committee supports this research and encourages the Secretary of the Air Force to extend these research efforts to composite materials that can be used for brake housing, wheels, and associated components.

DEVELOPMENT OF GOVERNMENT-OWNED OBSERVATION ASSETS

The Committee recognizes that other federal agencies, such as the National Science Foundation, maintain older space tracking and surveillance assets that may potentially assist the Air Force with its own space tracking and surveillance mission. The Committee encourages the Secretary of the Air Force, in coordination with the Director of the National Science Foundation and any other appropriate directors of federal agencies that maintain similar assets, to analyze the potential capabilities of federal facilities or observatory assets for potential space tracking and surveillance missions. The Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act on the potential for expanded space tracking and surveillance uses of other government-owned assets, any associated costs with developing or increasing necessary capabilities, and how such assets could be used to further the Air Force mission. The report may be submitted with a classified annex if necessary.

REFRACTORY METAL ALLOYS

The Committee supports Air Force research into refractory metal alloys and recognizes that these alloys may provide a contribution to the development of a new generation of jet propulsion systems. The Committee encourages the Secretary of the Air Force to continue the exploration of refractory metal alloys that have higher stress and temperature tolerances and that may potentially lead to self-healing jet turbine parts.

AIR-TO-GROUND TACTICAL WEAPON SYSTEMS

The Committee recognizes the future need for an air-to-ground, fighter aircraft-capable tactical weapon system to replace existing systems and enhance capabilities against peer competitors. The Committee encourages the Secretary of the Air Force to study and test multi-mode weapon systems that can be mounted on fighter aircraft and effectively meet identified requirements to engage a range of tactical ground targets, including armor, ships, ground vehicles, and air defense systems. The Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees on current and future air-to-ground tactical weapon systems efforts not later than 60 days after the enactment of this Act.

NORTH ATLANTIC TREATY ORGANIZATION ALLY LAUNCH SERVICES

The Committee directs the Secretary of the Air Force to evaluate North Atlantic Treaty Organization ally launch infrastructure to determine the capability, cost, and risk associated with procuring their launch services on a limited, contingency basis in order to provide assured access to space during a period of national emergency. The Committee directs the Secretary of the Air Force to brief the findings of this evaluation to the congressional defense committees not later than 90 days after the enactment of this Act.

LASER TECHNOLOGY FOR AIRCRAFT SUSTAINMENT

The Committee understands that technologies such as advanced laser coating removal, repair, and additive restoration of aircraft surfaces could lead to significant increases in weapon system availability while reducing cost and environmental impact. The Committee encourages the Secretary of the Air Force to support and enhance depot maintenance by further developing advanced laser technologies that can be qualified and incorporated at Air Force depots for de-painting, restoration, and repair of aircraft surfaces for both metal and composite surfaces.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION,
DEFENSE-WIDE

Fiscal year 2017 appropriation	\$18,778,550,000
Fiscal year 2018 budget request	20,490,902,000
Committee recommendation	20,698,353,000
Change from budget request	+207,451,000

The Committee recommends an appropriation of \$20,698,353,000 for Research, Development, Test and Evaluation, Defense-Wide which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH, DEVELOPMENT, TEST & EVAL, DEFENSE-WIDE			
1 BASIC RESEARCH			
DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH..	37,201	37,201	---
2 DEFENSE RESEARCH SCIENCES.....	432,347	432,347	---
3 BASIC RESEARCH INITIATIVES.....	40,612	40,612	---
4 BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE.....	43,126	43,126	---
5 NATIONAL DEFENSE EDUCATION PROGRAM.....	74,298	74,298	---
6 HISTORICALLY BLACK COLLEGES & UNIV (HBCU).....	25,865	35,865	+10,000
7 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	43,898	43,898	---
TOTAL, BASIC RESEARCH.....	697,347	707,347	+10,000
APPLIED RESEARCH			
8 JOINT MUNITIONS TECHNOLOGY.....	19,111	19,111	---
9 BIOMEDICAL TECHNOLOGY.....	109,360	109,360	---
11 LINCOLN LABORATORY RESEARCH PROGRAM.....	49,748	49,748	---
12 APPLIED RESEARCH FOR ADVANCEMENT S&T PRIORITIES.....	49,226	49,226	---
13 INFORMATION AND COMMUNICATIONS TECHNOLOGY.....	392,784	392,784	---
14 BIOLOGICAL WARFARE DEFENSE.....	13,014	13,014	---
15 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	201,053	201,053	---
16 CYBER SECURITY RESEARCH.....	14,775	14,775	---
17 TACTICAL TECHNOLOGY.....	343,776	343,776	---
18 MATERIALS AND BIOLOGICAL TECHNOLOGY.....	224,440	224,440	---
19 ELECTRONICS TECHNOLOGY.....	295,447	295,447	---
20 WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES.....	157,908	157,908	---
21 SOFTWARE ENGINEERING INSTITUTE.....	8,955	8,955	---
22 SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT.....	34,493	34,493	---
TOTAL, APPLIED RESEARCH.....	1,914,090	1,914,090	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
23 ADVANCED TECHNOLOGY DEVELOPMENT JOINT MUNITIONS ADVANCED TECH INSENSITIVE MUNITIONS AD	25,627	25,627	---
24 COMBATING TERRORISM TECHNOLOGY SUPPORT.....	76,230	126,730	+50,500
25 FOREIGN COMPARATIVE TESTING.....	24,199	24,199	---
26 COUNTERPROLIFERATION INITIATIVES--PROLIF PREV & DEFEAT	268,607	278,607	+10,000
27 ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT.....	12,996	12,996	---
29 WEAPONS TECHNOLOGY.....	5,495	5,495	---
31 ADVANCED RESEARCH.....	20,184	20,184	---
32 JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT.....	18,662	18,662	---
35 ADVANCED AEROSPACE SYSTEMS.....	155,406	155,406	---
36 SPACE PROGRAMS AND TECHNOLOGY.....	247,435	247,435	---
37 ANALYTIC ASSESSMENTS.....	13,154	13,154	---
38 ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS.....	37,674	37,674	---
39 ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS - MHA.....	15,000	15,000	---
40 COMMON KILL VEHICLE TECHNOLOGY.....	252,879	202,964	-49,915
41 DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUX).....	29,594	15,000	-14,594
42 TECHNOLOGY INNOVATION.....	59,863	19,863	-40,000
43 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEV	145,359	145,359	---
44 RETRACT LARCH.....	171,120	161,120	-10,000
45 JOINT ELECTRONIC ADVANCED TECHNOLOGY.....	14,389	14,389	---
46 JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS.....	105,871	105,871	---
47 NETWORKED COMMUNICATIONS CAPABILITIES.....	12,661	12,661	---
48 DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROG	136,159	136,159	---
49 MANUFACTURING TECHNOLOGY PROGRAM.....	40,511	40,511	---
50 EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT.....	57,876	54,876	-3,000
51 GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS.....	10,611	10,611	---
53 STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM.....	71,832	61,832	-10,000
54 MICROELECTRONIC TECHNOLOGY DEVELOPMENT AND SUPPORT....	219,803	219,803	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
55 JOINT WARFIGHTING PROGRAM.....	6,349	6,349	---
56 ADVANCED ELECTRONICS TECHNOLOGIES.....	79,173	79,173	---
57 COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS.....	106,787	106,787	---
58 NETWORK-CENTRIC WARFARE TECHNOLOGY.....	439,386	439,386	---
59 SENSOR TECHNOLOGY.....	210,123	210,123	---
60 DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT..	11,211	11,211	---
61 DEFENSE RAPID INNOVATION PROGRAM.....	---	250,000	+250,000
62 SOFTWARE ENGINEERING INSTITUTE.....	15,047	15,047	---
63 QUICK REACTION SPECIAL PROJECTS.....	69,203	69,203	---
64 ENGINEERING SCIENCE AND TECHNOLOGY.....	25,395	25,395	---
65 TEST & EVALUATION SCIENCE & TECHNOLOGY.....	89,586	89,586	---
66 OPERATIONAL ENERGY CAPABILITY IMPROVEMENT.....	38,403	38,403	---
67 CWMD SYSTEMS.....	33,382	33,382	---
68 SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT....	72,605	72,605	---
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	3,445,847	3,628,838	+182,991
DEMONSTRATION & VALIDATION			
69 NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT..	32,937	32,937	---
70 WALKOFF.....	101,714	101,714	---
72 ACQUISITION ENTERPRISE DATA AND INFORMATION SERVICES..	2,198	2,198	---
73 ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM	54,583	54,583	---
74 BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT....	230,162	210,162	-20,000
75 BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT...	828,097	1,036,097	+208,000
76 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	148,518	148,518	---
77 BALLISTIC MISSILE DEFENSE SENSORS.....	247,345	226,345	-21,000
77A PACIFIC RADAR.....	---	21,000	+21,000
78 BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS.....	449,442	439,442	-10,000
79 SPECIAL PROGRAMS - MDA.....	320,190	304,677	-15,513
80 AEGIS BMD.....	852,052	779,327	-72,725
83 BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT.....	430,115	422,615	-7,500

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
84 BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT....	48,954	48,954	---
85 BALLISTIC MISSILE DEFENSE INTERGRATION AND OPERATIONS CENTER (MDIOC).....	53,265	53,265	---
86 REGARDING TRENCH.....	9,113	9,113	---
87 SEA BASED X-BAND RADAR (SBX).....	130,695	150,695	+20,000
88 ISRAELI COOPERATIVE PROGRAMS.....	105,354	373,800	+268,446
89 BALLISTIC MISSILE DEFENSE TEST.....	305,791	305,791	---
90 BALLISTIC MISSILE DEFENSE TARGETS.....	410,425	410,425	---
91 HUMANITARIAN DEMINING.....	10,837	10,837	---
92 COALITION WARFARE.....	10,740	10,740	---
93 DEPARTMENT OF DEFENSE CORROSION PROGRAM.....	3,837	3,837	---
94 TECHNOLOGY MATURATION INITIATIVES.....	128,406	128,406	---
95 MISSILE DEFEAT PROJECT.....	98,369	98,369	---
96 HYPERSONIC DEFENSE.....	75,300	75,300	---
97 ADVANCED INNOVATIVE TECHNOLOGIES.....	1,175,832	1,005,832	-170,000
98 TRUSTED AND ASSURED MICROELECTRONICS.....	83,626	83,626	---
99 RAPID PROTOTYPING PROGRAM.....	100,000	40,000	-60,000
101 DOD UNMANNED AIRCRAFT SYSTEM (UAS) COMMON DEVELOPMENT.	3,967	3,967	---
102 WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA)....	3,833	3,833	---
104 JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY.....	23,638	23,638	---
105 LONG RANGE DISCRIMINATION RADAR.....	357,659	337,659	-20,000
106 IMPROVED HOMELAND DEFENSE INTERCEPTORS.....	465,530	435,530	-30,000
107 BMD TERMINAL DEFENSE SEGMENT TEST.....	36,239	36,239	---
108 AEGIS BMD TEST.....	134,468	129,468	-5,000
109 BALLISTIC MISSILE DEFENSE SENSOR TEST.....	84,239	84,239	---
110 LAND-BASED SM-3 (LBSM3).....	30,486	30,486	---
111 AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT.....	9,739	9,739	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
112 BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT TEST.....	76,757	76,757	---
113 MULTI-OBJECT KILL VEHICLE.....	6,500	6,500	---
114 JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM.....	2,902	2,902	---
115 CYBER SECURITY INITIATIVE.....	986	986	---
116 SPACE TRACKING AND SURVEILLANCE SYSTEM.....	34,907	34,907	---
117 BALLISTIC MISSILE DEFENSE SYSEM SPACE PROGRAMS.....	16,994	16,994	---
TOTAL, DEMONSTRATION & VALIDATION.....	7,736,741	7,822,449	+85,708
ENGINEERING & MANUFACTURING DEVELOPMENT			
118 NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT..	12,536	12,536	---
119 PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT.....	201,749	201,749	---
120 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	406,789	413,789	+7,000
122 JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	15,358	20,358	+5,000
123 WEAPONS OF MASS DESTRUCTION DEFEAT CAPABILITIES.....	6,241	6,241	---
124 INFORMATION TECHNOLOGY DEVELOPMENT.....	12,322	12,322	---
125 HOMELAND PERSONNEL SECURITY INITIATIVE.....	4,893	4,893	---
126 DEFENSE EXPORTABILITY PROGRAM.....	3,162	3,162	---
127 OUSD(C) IT DEVELOPMENT INITIATIVES.....	21,353	21,353	---
128 DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION..	6,266	6,266	---
129 DCMO POLICY AND INTEGRATION.....	2,810	2,810	---
130 DEFENSE AGENCY INITIATIVES FINANCIAL SYSTEM.....	24,436	24,436	---
131 DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS).....	13,475	13,475	---
134 TRUSTED FOUNDRY.....	61,084	61,084	---
133 DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITY.....	11,870	11,870	---
135 GLOBAL COMBAT SUPPORT SYSTEM.....	2,576	2,576	---
136 DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM)...	3,669	3,669	---
137 CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION....	8,230	8,230	---
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	818,819	830,819	+12,000

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RD&E MANAGEMENT SUPPORT			
138 DEFENSE READINESS REPORTING SYSTEM (DRRS).....	6,941	6,941	---
139 JOINT SYSTEMS ARCHITECTURE DEVELOPMENT.....	4,851	4,851	---
140 CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT....	211,325	211,325	---
141 ASSESSMENTS AND EVALUATIONS.....	30,144	30,144	---
142 MISSION SUPPORT.....	63,769	63,769	---
143 JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC).....	91,057	91,057	---
144 TECHNICAL STUDIES, SUPPORT AND ANALYSIS.....	22,386	22,386	---
145 JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION.	36,581	36,581	---
146 CLASSIFIED PROGRAM USD(P).....	---	100,000	+100,000
147 SYSTEMS ENGINEERING.....	37,622	37,622	---
148 STUDIES AND ANALYSIS SUPPORT.....	5,200	5,200	---
149 NUCLEAR MATTERS - PHYSICAL SECURITY.....	5,232	5,232	---
150 SUPPORT TO NETWORKS AND INFORMATION INTEGRATION.....	12,583	12,583	---
151 GENERAL SUPPORT TO USD (INTELLIGENCE).....	31,451	31,451	---
152 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	104,348	104,348	---
161 SMALL BUSINESS INNOVATION RESEARCH/TECHNOLOGY TRANSFER	2,372	2,372	---
162 DEFENSE TECHNOLOGY ANALYSIS.....	24,365	24,365	---
163 DEFENSE TECHNICAL INFORMATION CENTER (DTIC).....	54,145	54,145	---
164 R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION	30,356	30,356	---
165 DEVELOPMENT TEST AND EVALUATION.....	20,571	20,571	---
166 MANAGEMENT HEADQUARTERS (RESEARCH & DEVELOPMENT).....	14,017	14,017	---
MANAGEMENT HEADQUARTERS DEFENSE TECHNICAL INFORMATION			
167 CENTER (DTIC).....	4,187	4,187	---
168 BUDGET AND PROGRAM ASSESSMENTS.....	3,992	3,992	---
169 ODNA TECHNOLOGY AND RESOURCE ANALYSIS.....	1,000	1,000	---
170 OPERATIONS SECURITY (OPSEC).....	2,551	2,551	---
171 JOINT STAFF ANALYTICAL SUPPORT.....	7,712	7,712	---
174 SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES...	673	673	---
175 DEFENSE MILITARY DECEPTION PROGRAM OFFICE.....	1,006	1,006	---
177 COMBINED ADVANCED APPLICATIONS.....	16,998	16,998	---
178 CYBER INTELLIGENCE.....	18,992	18,992	---
181 CWMDS SYSTEMS: RD&E MANAGEMENT SUPPORT.....	1,231	1,231	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
183 COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION.	44,500	37,500	-7,000
184 MANAGEMENT HEADQUARTERS - MDA.....	29,947	29,947	---
187 JOINT SERVICE PROVIDER (JSP).....	5,113	5,113	---
9999 CLASSIFIED PROGRAMS.....	63,312	63,312	---
TOTAL, RDT&E MANAGEMENT SUPPORT.....	1,010,530	1,103,530	+93,000
OPERATIONAL SYSTEMS DEVELOPMENT			
188 ENTERPRISE SECURITY SYSTEM (ESS).....	4,565	4,565	---
189 REGIONAL INTERNATIONAL OUTREACH & PARTNERSHIP FOR PEAC	1,871	1,871	---
190 OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SY	298	298	---
191 INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT.....	10,882	10,882	---
192 OPERATIONAL SYSTEMS DEVELOPMENT.....	7,222	7,222	---
193 GLOBAL THEATER SECURITY COOPERATION MANAGEMENT.....	14,450	14,450	---
194 CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS D	45,677	45,677	---
195 PLANNING AND DECISION AID SYSTEM.....	3,037	3,037	---
196 C4I INTEROPERABILITY.....	59,490	59,490	---
198 JOINT/ALLIED COALITION INFORMATION SHARING.....	6,104	6,104	---
202 NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT.....	1,863	1,863	---
203 DEFENSE INFO INFRASTRUCTURE ENGINEERING & INTEGRATION.	21,564	21,564	---
204 LONG HAUL COMMUNICATIONS (DCS).....	15,428	15,428	---
205 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK....	15,855	15,855	---
206 PUBLIC KEY INFRASTRUCTURE (PKI).....	4,811	4,811	---
207 KEY MANAGEMENT INFRASTRUCTURE (KMI).....	33,746	33,746	---
208 INFORMATION SYSTEMS SECURITY PROGRAM.....	9,415	9,415	---
209 INFORMATION SYSTEMS SECURITY PROGRAM.....	227,652	229,652	+2,000
210 GLOBAL COMMAND AND CONTROL SYSTEM.....	42,687	42,687	---
211 JOINT SPECTRUM CENTER (DEFENSE SPECTRUM ORGANIZATION).	8,750	8,750	---
214 JOINT INFORMATION ENVIRONMENT (JIE).....	4,689	4,689	---
216 FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY.	50,000	50,000	---
222 CYBER SECURITY INITIATIVE.....	1,686	1,686	---
227 POLICY R&D PROGRAMS.....	6,526	6,526	---
228 NET CENTRICITY.....	18,455	18,455	---
230 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	5,496	5,496	---
233 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	3,049	3,049	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
236 INSIDER THREAT.....	5,365	5,365	---
237 HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM.....	2,071	2,071	---
243 INTELLIGENCE MISSION DATA (IMD).....	13,111	13,111	---
245 PACIFIC DISASTER CENTERS.....	1,770	1,770	---
246 DEFENSE PROPERTY ACCOUNTABILITY SYSTEM.....	2,924	2,924	---
248 MQ-9 UAV.....	37,863	37,863	---
251 SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEV.....	259,886	247,236	-12,650
252 SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT...	8,245	8,245	---
253 SOF OPERATIONAL ENHANCEMENTS.....	79,455	64,455	-15,000
254 WARRIOR SYSTEMS.....	45,935	42,935	-3,000
255 SPECIAL PROGRAMS.....	1,978	1,978	---
256 UNMANNED ISR.....	31,766	21,766	-10,000
257 SOF TACTICAL VEHICLES.....	2,578	2,578	---
258 SOF MARITIME SYSTEMS.....	42,315	49,915	+7,600
259 SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES.....	4,661	4,661	---
260 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE.....	12,049	12,049	---
261 SOF TELEPORT PROGRAM.....	642	642	---
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	1,177,882	1,146,832	-31,050
999 CLASSIFIED PROGRAMS.....	3,689,646	3,644,448	-45,198
DARPA UNDISTRIBUTED REDUCTION.....	---	-100,000	-100,000
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, DEF-WIDE.	20,490,902	20,698,353	+207,451

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1	Budget Request	Committee Recommended	Change from Request
HISTORICALLY BLACK COLLEGES & UNIVERSITIES			
6 (HBCU)	25,865	35,865	10,000
Program increase		10,000	
24 COMBATING TERRORISM TECHNOLOGY SUPPORT	76,230	126,730	50,500
Program increase - Israeli tunneling		47,500	
Program increase		3,000	
COUNTERPROLIFERATION INITIATIVES -			
26 PROLIFERATION PREVENTION & DEFEAT	268,607	278,607	10,000
Program increase - target sensing technologies		10,000	
40 COMMON KILL VEHICLE TECHNOLOGY	252,879	202,964	-49,915
Unjustified growth		-49,915	
41 DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUx)	29,594	15,000	-14,594
Program decrease		-14,594	
42 TECHNOLOGY INNOVATION	59,863	19,863	-40,000
Classified program adjustment		-40,000	
44 RETRACT LARCH	171,120	161,120	-10,000
Program decrease		-10,000	
EMERGING CAPABILITIES TECHNOLOGY			
50 DEVELOPMENT	57,876	54,876	-3,000
Program increase		5,000	
Program decrease - advanced technology laser		-8,000	
53 STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	71,832	61,832	-10,000
Program decrease		-10,000	
61X DEFENSE RAPID INNOVATION FUND	0	250,000	250,000
Program increase		250,000	
BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE			
74 SEGMENT	230,162	210,162	-20,000
THAAD software build 4.0 schedule delays		-15,000	
THAAD software build 5.0 early to need		-5,000	
BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE			
75 SEGMENT	828,097	1,036,097	208,000
Program increase - additional boosters and EKV's		143,000	
Program increase - missile field silo expansion		65,000	
77 BALLISTIC MISSILE DEFENSE SENSORS	247,345	226,345	-21,000
Pacific radar - transfer to line 77A		-21,000	
77A PACIFIC RADAR	0	21,000	21,000
Pacific radar - transfer from line 77		21,000	
78 BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS	449,442	439,442	-10,000
MD24 excess growth		-10,000	

R-1	Budget Request	Committee Recommended	Change from Request
79 SPECIAL PROGRAMS - MDA	320,190	304,677	-15,513
Lack of budget justification		-15,513	
80 AEGIS BMD	852,052	779,327	-72,725
Aegis ballistic missile defense 6.x development excess growth		-31,451	
SM-3 IIA all up rounds		-41,274	
83 BALLISTIC MISSILE DEFENSE C2BMC	430,115	422,615	-7,500
Development and deployment concurrent efforts		-7,500	
87 SEA BASED X-BAND RADAR (SBX)	130,695	150,695	20,000
Program increase		20,000	
88 ISRAELI COOPERATIVE PROGRAMS	105,354	373,800	268,446
Program increase - upper tier		28,139	
Program increase - arrow program		71,459	
Program increase - short range ballistic missile defense		63,848	
Program increase - upper tier flight test		105,000	
97 ADVANCED INNOVATIVE TECHNOLOGIES	1,175,832	1,005,832	-170,000
Program decrease - excess growth		-170,000	
99 RAPID PROTOTYPING PROGRAM	100,000	40,000	-60,000
Program decrease		-60,000	
105 LONG RANGE DISCRIMINATION RADAR	357,659	337,659	-20,000
Excess growth		-20,000	
106 IMPROVED HOMELAND DEFENSE INTERCEPTORS	465,530	435,530	-30,000
Schedule delay		-30,000	
108 AEGIS BMD TEST	134,468	129,468	-5,000
Flight test delays carryover		-5,000	
120 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	406,789	413,789	7,000
Program increase - Filtration systems		2,000	
Program increase - Antiviral prophylaxis studies		5,000	
JOINT TACTICAL INFORMATION DISTRIBUTION			
122 SYSTEM (JTIDS)	15,358	20,358	5,000
Program increase - antenna technology		5,000	
146 CLASSIFIED PROGRAM USD(P)	0	100,000	100,000
Classified adjustment		100,000	
COCOM EXERCISE ENGAGEMENT AND TRAINING			
183 TRANSFORMATION	44,500	37,500	-7,000
Program decrease		-7,000	
209 INFORMATION SYSTEMS SECURITY PROGRAM	227,652	229,652	2,000
Program increase - Sharkseer		2,000	

R-1	Budget Request	Committee Recommended	Change from Request
SPECIAL OPERATIONS AVIATION SYSTEMS			
251 ADVANCED DEVELOPMENT	259,886	247,236	-12,650
Program decrease - aircraft survivability equipment		-8,000	
Program decrease - AC-130 high energy laser		-13,150	
Program decrease - AC/MC-130J RF countermeasures		-5,000	
Program increase - silent knight radar development		7,500	
Program increase - development of two sensors to address degraded visual environment		6,000	
253 SOF OPERATIONAL ENHANCEMENTS	79,455	64,455	-15,000
Program decrease - classified		-15,000	
254 WARRIOR SYSTEMS	45,935	42,935	-3,000
Program decrease - SOF deployable nodes		-3,000	
256 UNMANNED ISR	31,766	21,766	-10,000
Program decrease - special applications for contingencies		-10,000	
258 SOF MARITIME SYSTEMS	42,315	49,915	7,600
Program decrease - shallow water combat submersible		-6,500	
Program increase - dry combat submersible		6,300	
Program increase - signature testing for dry combat submersible		2,400	
Program increase - testing of decompression pump for dry combat submersible		2,900	
Program increase - modeling and analysis for dry combat submersible		2,500	
999 CLASSIFIED PROGRAMS	3,689,646	3,644,448	-45,198
Classified adjustment		-45,198	
DARPA UNDISTRIBUTED REDUCTION	0	-100,000	-100,000
DARPA undistributed reduction		-100,000	

IDENTITY THREAT MANAGEMENT

Terrorist organizations encourage harassment and violence against military personnel and their families. The Committee encourages efforts by the Secretary of Defense and the Service Secretaries to educate and provide security warnings and guidelines to help servicemembers manage their online identities. The Committee also supports efforts to develop and deploy software that could automate and control sensitive online information about servicemembers and their families.

RECLAIMED REFRIGERANTS

Reclaiming refrigerants aids in the prevention of creating new refrigerants and ensures the safe disposal of chemicals. Considering the large number of Department of Defense facilities and the widespread use of refrigerants, the Committee directs the Under Secretary of Defense (Acquisition, Technology, and Logistics) to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act that examines the feasibility of giving preference to the use of reclaimed refrigerants to service existing equipment in Department of Defense facilities.

ADVANCED DEFENSE TECHNOLOGIES CLUSTERS

The Committee recognizes that developing high technology small businesses across the nation provides innovative defense-related technologies for ongoing and future Department of Defense requirements. The Committee encourages the Secretary of Defense to engage with these small businesses and regional advanced defense technologies clusters that advocate for small businesses to support the sustainment and creation of jobs in critical and emerging markets.

ADVANCED MATERIAL SOLUTIONS FOR DEFENSE APPLICATIONS

Advanced materials, composites, and manufacturing process are critical to sustain military readiness and superiority. New materials and improvements to existing materials are important for applications for aircraft, armor, munitions, prosthetics, and batteries. While investments in fundamental and applied materials research and development have led to notable advancements, challenges remain to understand and characterize materials performance and reliability for critical defense applications. Performance and reliability issues are found across the Services that impact current and new systems and the life extension of existing platforms. An assessment is required to determine the current status and necessary steps to address gaps and improve knowledge utilization to enhance defense readiness through collaboration across research and development sectors.

The Committee directs the Secretary of Defense to perform such an assessment with collaboration from academic researchers and the commercial sector and to determine advanced materials solutions for defense applications. The assessment should survey and prioritize future needs with advanced materials for national security applications, assess material sustainment issues across Department of Defense platforms, identify solutions capable of im-

proving military readiness and reducing cost, identify gaps in the knowledge base, and provide recommendations to improve the talent pipeline in the advanced materials field.

The Committee directs the Under Secretary of Defense (Acquisition, Technology, and Logistics) to brief the House and Senate Appropriations Committees on the results of this study not later than April 30, 2018.

CONVENTIONAL PROMPT GLOBAL STRIKE WEAPON SYSTEM

The Committee encourages the Secretary of Defense, in coordination with the Chairman of the Joint Chiefs of Staff, to brief the Committee not later than December 1, 2017 on the plan to reach early operational capability for the conventional prompt global strike weapon system.

OPERATIONAL TEST AND EVALUATION, DEFENSE

Fiscal year 2017 appropriation	\$186,994,000
Fiscal year 2018 budget request	210,900,000
Committee recommendation	210,900,000
Change from budget request	---

The Committee recommends an appropriation of \$210,900,000 for Operational Test and Evaluation, Defense which will provide the following program in fiscal year 2018:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATIONAL TEST AND EVALUATION	83,503	83,503	---
LIVE FIRE TESTING	59,500	59,500	---
OPERATIONAL TEST ACTIVITIES AND ANALYSIS	67,897	67,897	---
TOTAL, OPERATIONAL TEST & EVALUATION, DEFENSE	210,900	210,900	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NATIONAL DEFENSE RESTORATION FUND

The Committee recommends \$1,000,000,000 for the Research, Development, Test and Evaluation, National Defense Restoration Fund, in order to fund such activities necessary to preserve and enhance the technological advantages of the military Services and defense agencies, including emerging requirements deemed by the Secretary of Defense to be in the national security interest of the United States. The Committee directs that the funding be used to meet the requirements necessary to implement the 2018 National Defense Strategy. The Secretary of Defense is directed to submit to the congressional defense committees a proposed allocation plan, including a detailed budget justification for the use of such funds and a description of how such investments are necessary to implement the strategy, not fewer than 30 days prior to making transfers from the fund. Transfers from the fund are subject to prior approval from the congressional defense committees.

TITLE V
REVOLVING AND MANAGEMENT FUNDS
DEFENSE WORKING CAPITAL FUNDS

Fiscal year 2017 appropriation	\$1,511,613,000
Fiscal year 2018 budget request	1,586,596,000
Committee recommendation	1,586,596,000
Change from budget request	— — —

The Committee recommends an appropriation of \$1,586,596,000 for the Defense Working Capital Funds accounts which will provide the following program in fiscal year 2018:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
WORKING CAPITAL FUND, ARMY	83,776	83,776	— — —
WORKING CAPITAL FUND, AIR FORCE	66,462	66,462	— — —
WORKING CAPITAL FUND, DEFENSE-WIDE	47,018	47,018	— — —
DEFENSE WORKING CAPITAL FUND, DECA	1,389,340	1,389,340	— — —
 TOTAL, DEFENSE WORKING CAPITAL FUNDS	 1,586,596	 1,586,596	 — — —

NATIONAL DEFENSE SEALIFT FUND

Fiscal year 2017 appropriation	— — —
Fiscal year 2018 budget request	\$509,327,000
Committee recommendation	— — —
Change from budget request	— 509,327,000

The Committee recommends no funding for the National Defense Sealift Fund.

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
MOBILIZATION PREPAREDNESS	201,450	0	— 201,450
LMSR maintenance—transfer to OM,N		— 135,800	
Mobilization alterations—transfer to OM,N		— 11,197	
T-AH maintenance—transfer to OM,N		— 54,453	
RESEARCH AND DEVELOPMENT	18,622	0	— 18,622
Maritime prepositioning force (future)—transfer to RDTE,N line 132		— 468	
Strategic sealift research and development—transfer to RDTE,N line 47		— 6,425	
Naval operational logistics integration—transfer to RDTE,N line 48		— 11,729	
READY RESERVE FORCE	289,255	0	— 289,255
Ready reserve force—transfer to OM,N		— 289,255	
TOTAL, NATIONAL DEFENSE SEALIFT FUND	509,327	0	— 509,327

TITLE VI
OTHER DEPARTMENT OF DEFENSE PROGRAMS
DEFENSE HEALTH PROGRAM

Fiscal year 2017 appropriation	\$33,781,270,000
Fiscal year 2018 budget request	33,664,466,000
Committee recommendation	33,931,566,000
Change from budget request	+267,100,000

The Committee recommends an appropriation of \$33,931,566,000 for the Defense Health Program which will provide the following program in fiscal year 2018:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
DEFENSE HEALTH PROGRAM			
10 OPERATION AND MAINTENANCE			
IN-HOUSE CARE.....	9,457,768	9,417,768	-40,000
20 PRIVATE SECTOR CARE.....	15,317,732	15,017,732	-300,000
30 CONSOLIDATED HEALTH SUPPORT.....	2,193,045	2,173,045	-20,000
40 INFORMATION MANAGEMENT.....	1,803,733	1,803,733	---
50 MANAGEMENT ACTIVITIES.....	330,752	330,752	---
60 EDUCATION AND TRAINING.....	737,730	737,730	---
70 BASE OPERATIONS/COMMUNICATIONS.....	2,255,163	2,255,163	---
SUBTOTAL, OPERATION AND MAINTENANCE.....	32,095,923	31,735,923	-360,000
PROCUREMENT			
150 INITIAL OUTFITTING.....	26,978	26,978	---
160 REPLACEMENT AND MODERNIZATION.....	360,831	360,831	---
180 JOINT OPERATIONAL MEDICINE INFORMATION SYSTEM.....	8,326	8,326	---
200 DOD HEALTH MANAGEMENT SYSTEM MODERNIZATION.....	499,193	499,193	---
SUBTOTAL, PROCUREMENT.....	895,328	895,328	---
RESEARCH DEVELOPMENT TEST AND EVALUATION			
80 RESEARCH.....	9,796	9,796	---
90 EXPLORATORY DEVELOPMENT.....	64,881	64,881	---
100 ADVANCED DEVELOPMENT.....	246,268	246,268	---
110 DEMONSTRATION/VALIDATION.....	99,039	99,039	---
120 ENGINEERING DEVELOPMENT.....	170,602	170,602	---
130 MANAGEMENT AND SUPPORT.....	69,191	69,191	---
140 CAPABILITIES ENHANCEMENT.....	13,438	13,438	---
150 UNDISTRIBUTED MEDICAL RESEARCH.....	---	627,100	+627,100
SUBTOTAL, RESEARCH DEVELOPMENT TEST AND EVALUATION..	673,215	1,300,315	+627,100
TOTAL, DEFENSE HEALTH PROGRAM.....	33,664,466	33,931,566	+267,100
=====	=====	=====	=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
IN-HOUSE CARE	9,457,768	9,417,768	-40,000
Other costs excess growth		-34,000	
Pharmaceuticals excess growth		-5,000	
Travel excess growth		-1,000	
PRIVATE SECTOR CARE	15,317,732	15,017,732	-300,000
Historical underexecution		-300,000	
CONSOLIDATED HEALTH SUPPORT	2,193,045	2,173,045	-20,000
Therapeutic service dog training program		5,000	
Historical underexecution		-25,000	
INFORMATION MANAGEMENT	1,803,733	1,803,733	
MANAGEMENT ACTIVITIES	330,752	330,752	
EDUCATION AND TRAINING	737,730	737,730	
BASE OPERATIONS AND COMMUNICATIONS	2,255,163	2,255,163	
TOTAL, OPERATION AND MAINTENANCE	32,095,923	31,735,923	-360,000
TOTAL, PROCUREMENT	895,328	895,328	
RESEARCH AND DEVELOPMENT			
Peer-reviewed alcohol and substance abuse disorders research		4,000	
Peer-reviewed ALS research		7,500	
Peer-reviewed alzheimer research		15,000	
Peer-reviewed autism research		7,500	
Peer-reviewed bone marrow failure disease research		3,000	
Peer-reviewed breast cancer research		120,000	
Peer-reviewed cancer research		30,000	
Peer-reviewed Duchenne muscular dystrophy research		3,200	
Peer-reviewed gulf war illness research		20,000	
Peer-reviewed hearing restoration research		10,000	
Peer-reviewed kidney cancer research		10,000	
Peer-reviewed lung cancer research		12,000	
Peer-reviewed lupus research		5,000	
Peer-reviewed multiple sclerosis research		6,000	
Peer-reviewed orthopedic research		30,000	
Peer-reviewed ovarian cancer research		20,000	
Peer-reviewed prostate cancer research		90,000	
Peer-reviewed spinal cord research		30,000	
Peer-reviewed reconstructive transplant research		12,000	
Peer-reviewed tickborne disease research		5,000	
Peer-reviewed traumatic brain injury and psychological health research		125,000	
Peer-reviewed tuberous sclerosis complex research		6,000	

	Budget Request	Committee Recommended	Change from Request
Peer-reviewed vision research		15,000	
Global HIV/AIDS prevention		8,000	
HIV/AIDS program increase		12,900	
Joint warfighter medical research		10,000	
Trauma clinical research program		10,000	
TOTAL, RESEARCH AND DEVELOPMENT	673,215	1,300,315	627,100

REPROGRAMMING GUIDANCE FOR THE DEFENSE HEALTH PROGRAM

The Committee includes a provision which caps the funds available for Private Sector Care under the TRICARE program subject to prior approval reprogramming procedures. The provision and accompanying report language should not be interpreted as limiting the amount of funds that may be transferred to the In-House Care budget sub-activity from other budget sub-activities within the Defense Health Program. In addition, funding for the In-House Care budget sub-activity continues to be designated as a congressional special interest item. Any transfer of funds from the In-House Care budget sub-activity into the Private Sector Care budget sub-activity or any other budget sub-activity requires the Secretary of Defense to follow prior approval reprogramming procedures for operation and maintenance funds.

The Committee directs the Secretary of Defense to provide written notification to the congressional defense committees of cumulative transfers in excess of \$10,000,000 out of the Private Sector Care budget sub-activity not later than fifteen days after such a transfer. Furthermore, the Committee directs the Secretary of Defense to provide a report to the congressional defense committees not later than 30 days after the enactment of this Act that delineates transfers of funds in fiscal year 2017, and the dates any transfers occurred, from the Private Sector Care budget sub-activity to any other budget sub-activity.

The Committee further directs the Assistant Secretary of Defense (Health Affairs) to provide quarterly reports to the congressional defense committees on budget execution data for all of the Defense Health Program budget activities and to adequately reflect changes to the budget activities requested by the Services in future budget submissions.

CARRYOVER

For fiscal year 2018, the Committee recommends one percent carryover authority for the operation and maintenance account of the Defense Health Program. The Committee directs the Assistant Secretary of Defense (Health Affairs) to submit a detailed spending plan for any fiscal year 2017 designated carryover funds to the congressional defense committees not less than 30 days prior to executing the carryover funds.

PEER-REVIEWED CANCER RESEARCH PROGRAMS

The Committee recommends \$120,000,000 for the peer-reviewed breast cancer research program, \$90,000,000 for the peer-reviewed prostate cancer research program, \$20,000,000 for the peer-reviewed ovarian cancer research program, \$10,000,000 for the peer-reviewed kidney cancer research program, \$12,000,000 for the peer-reviewed lung cancer research program, and \$30,000,000 for the peer-reviewed cancer research program that would research cancers not addressed in the aforementioned programs currently executed by the Department of Defense.

The funds provided in the peer-reviewed cancer research program are directed to be used to conduct research in the following areas: bladder cancer, brain cancer, colorectal cancer, listeria-based

regimens for cancer, liver cancer, lymphoma, melanoma and other skin cancers, mesothelioma, pancreatic cancer, stomach cancer, and cancer in children, adolescents, and young adults.

The funds provided under the peer-reviewed cancer research program shall be used only for the purposes listed above. The Committee directs the Assistant Secretary of Defense (Health Affairs) to provide a report not later than 180 days after the enactment of this Act to the congressional defense committees on the status of the peer-reviewed cancer research program. For each research area, the report should include the funding amount awarded, the progress of the research, and the relevance of the research to servicemembers and their families.

The Committee commends the Department of Defense for ensuring that projects funded through the various peer-reviewed cancer research programs maintain a focus on issues of significance to military populations and the warfighter. This includes promoting collaborative research proposals between Department of Defense researchers and non-military research institutions. These collaborations leverage the knowledge, infrastructure, and access to clinical populations that the partners bring to the research effort. Additionally, promoting these collaborations provides a valuable recruitment and retention incentive for military medical and research personnel. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to continue to emphasize the importance of these collaborations between military and non-military researchers throughout the peer review process.

METASTATIC CANCER RESEARCH

The Committee continues to support the establishment of a task force to research metastasized cancer with a focus on clinical and translational research aimed at extending the lives of advanced state and recurrent patients. The Committee directs the Assistant Secretary of Defense (Health Affairs) to submit an updated report to the congressional defense committees not later than 60 days after the enactment of this Act on the status of the establishment of a task force under the Congressionally Directed Medical Research Program to focus on research for metastatic cancer of all types.

ELECTRONIC HEALTH RECORDS

The Committee recognizes the recent efforts to improve the Department's electronic health records, and supports the announcement by the Administration on a new effort for a joint Department of Defense and Department of Veterans Affairs health record system. The Committee reiterates that the two systems must be completely and meaningfully interoperable and encourages the Under Secretary of Defense (Acquisition, Technology, and Logistics) to focus on the overall goal of seamless compatibility between the two Departments' electronic health record systems. Furthermore, the Committee directs the Director of the Interagency Program Office (IPO) to continue to provide quarterly reports on the progress of interoperability between the two Departments to the House and Senate Defense Appropriations Subcommittees and the House and Senate Military Construction, Veterans Affairs, and Related Agen-

cies Appropriations Subcommittees. Additionally, the Program Executive Officer (PEO) for Defense Healthcare Management Systems (DHMS), in conjunction with the Director of the IPO, is directed to provide quarterly reports to the congressional defense committees on the cost and schedule of the program, to include milestones, knowledge points, and acquisition timelines, as well as quarterly obligation reports. The Committee directs the PEO DHMS to continue briefing the House and Senate Defense Appropriations Subcommittees on a quarterly basis, coinciding with the report submission.

THE CANCER CENTER AT WALTER REED NATIONAL MILITARY MEDICAL CENTER

The Committee recognizes that close cooperation between The John P. Murtha Cancer Center at Walter Reed National Military Medical Center and the Assistant Secretary of Defense (Health Affairs) has enabled the formation of a partnership between the Murtha Cancer Center and the Oncology Research Information Exchange Network (ORIEN). The Murtha Cancer Center is the only center of excellence for cancer care in the military health system. This partnership allows the Murtha Cancer Center to collaborate in cancer research with several academic cancer centers that all use a single protocol for long-term health surveillance of cancer patients to correlate patterns in cancer incidence, treatment response, and survivorship with genetic information, demographic data, and other factors. The Murtha Cancer Center has begun ORIEN enrollment with patients at the Walter Reed National Military Medical Center and is preparing to facilitate enrollment at military treatment facilities throughout the United States. The Committee commends the Assistant Secretary of Defense (Health Affairs) for assisting the Murtha Cancer Center in entering this partnership and encourages increased support to allow for continued expansion of this effort to deliver enhanced cancer treatment for all servicemembers and their families.

EMERGING INFECTIOUS DISEASES

The Committee understands that the impact of infectious diseases on servicemembers can be significant, including lost service time, reduction in operational readiness, and an increased logistical burden to provide replacement troops. Disease surveillance, rapid detection, and outbreak response are essential to providing an early warning of emerging risks. The critical role the Department of Defense played in the swift response to viral outbreaks of Ebola and Zika demonstrates the value of continued investment in military infectious disease research capabilities. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to pursue partnerships with colleges and universities that have strong research programs in emerging infectious diseases and to support research efforts that incorporate genomic technologies, bioinformatics, and computational biology.

COMBAT OCULAR TRAUMA

The Committee is concerned by incidents of combat ocular trauma, which is an injury to the eye or neuro-ophthalmological pathways. These injuries often result in severe vision loss and visual dysfunction. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to evaluate the effectiveness and safety of treatments such as transcorneal electrical stimulation to improve visual function after ocular trauma.

EXPANDED CANINE THERAPY RESEARCH

The Committee is aware that canine therapy for treatment of post-traumatic stress disorder (PTSD) and traumatic brain injury (TBI) symptoms is a promising alternative to pharmaceutical treatment. While still experimental, canine therapy has shown effectiveness in treating PTSD and other psychological disorders, from hospitalized psychiatric patients to children with developmental disorders, patients with substance abuse problems, and victims of trauma. Servicemembers who participate in canine programs for PTSD and TBI show more positive social interactions, a decrease in suicidal thoughts, and an increased sense of safety, independence, motivation, and self-efficacy. The Committee notes that canine therapy is a promising area for further research as a complementary or alternative treatment for the signature wounds sustained in ongoing conflicts. Therefore, the Committee continues to encourage the Service Surgeons General to initiate or expand research into canine therapy to validate its therapeutic effectiveness in the treatment of PTSD and TBI.

OPIOID ABUSE IN THE MILITARY

The Committee continues to be concerned by the high rate of opioid abuse among servicemembers. Despite low levels of illicit drug use, abuse of prescription drugs by servicemembers is higher than in the general population. The Committee understands that servicemembers face unique wartime stresses—multiple deployments and combat exposure can lead to conditions such as post-traumatic stress disorder, which can further exacerbate the need for pain medications.

The Committee notes the strong commitment of the Department of Defense and the Department of Veterans Affairs to research improved pain management protocols, including the formation of a Pain Management Task Force. A National Advisory Council on Complementary and Integrative Health working group recommended that the Department of Defense and the Department of Veterans Affairs undertake one or more large-scale studies to answer important policy and patient care questions about the use of integrative approaches in pain management. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to examine the feasibility of completing the large-scale studies. Additionally, the Centers for Disease Control recently published guidelines for prescribing opioids for chronic pain. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to ensure its prescribers are familiar with the guidelines and to

prioritize abuse-deterrent formulations of prescription opioids through TRICARE formularies.

CHRONIC KIDNEY DISEASE

The Committee is concerned by the prevalence of chronic kidney disease amongst veterans. Chronic kidney disease may be caused by a decrease in water retention that may occur during sustained training and may lead to increased morbidity and mortality rates. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to collaborate with research institutions currently investigating the correlation between chronic dehydration and chronic kidney disease.

MENTAL HEALTH PROVIDERS

The Committee supports the Department's continuing efforts to ensure that servicemembers have access to high quality mental health services and providers. In order to ensure that the Department continues to have full access to qualified clinical psychologists, the Committee encourages the Assistant Secretary of Defense (Health Affairs) to review its regulations regarding employment of clinical psychologists who graduate from schools accredited by the Psychologist Clinical Science Accreditation System.

MILITARY MEDICAL PROFESSIONALS AND THE DEPARTMENT OF VETERANS AFFAIRS

The Committee remains concerned about the transition of separating servicemembers into civilian life, the difficulties they may face in securing employment, and the shortage of staff at the Veterans Health Administration. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to work jointly with the Department of Veterans Affairs to establish a program to encourage Department of Defense medical professionals to seek employment with the Veterans Health Administration when the individual has been discharged or released from service or is contemplating separating from service.

ADVANCED ORTHOPEDIC SURGICAL SURGERY

The Committee understands that servicemembers often must undergo orthopedic procedures and that musculoskeletal injuries account for a significant number of medical separations or retirements from military service. Delivery of direct training based on best practices related to orthopedic procedures for injuries to the knee, shoulder, and other extremities has become an increasingly important readiness issue. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to ensure that military orthopedic health professionals are provided with opportunities for advanced surgical training in arthroscopic techniques and to explore partnerships with medical professional societies that maintain best practices related to arthroscopic surgery and techniques.

IMPACT OF GUT MICROBIOME ON CHRONIC CONDITIONS

The Committee is concerned by the escalating cost of managing chronic diseases such as hypertension, diabetes, and kidney disease

in active and retired military personnel and recognizes that research of gut microbiome may positively impact these conditions in the future. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to perform research aimed at better understanding the role of the gut microbiome in chronic disease with an aim of developing drug and nutritional regimens to enhance the well-being of active and retired military servicemembers.

NON-OPIATE PAIN MANAGEMENT

The Committee is concerned by the escalating cost of opioid-based pain medication and the increase in the number of opiate prescriptions over the last several years. The Committee believes that alternative forms of pain management have promise and may be able to reduce the Department's financial obligation to treat pain while reducing rates of addiction for servicemembers and their families. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to expand the Department's research, in partnership with leading pain management healthcare systems, into activities designed to reduce pain among children and adult populations without the use of addictive pain medication.

TRAUMATIC BRAIN INJURY AND POST-TRAUMATIC STRESS DISORDER PILOT PROGRAM

The National Defense Authorization Act for Fiscal Year 2014 authorized a pilot program on investigational treatment of members of the armed forces for traumatic brain injury and post-traumatic stress disorder. The program allows military patients to receive care from private physicians who provide innovative treatment options not necessarily available within military medical facilities. The Committee directs the Assistant Secretary of Defense (Health Affairs) to provide a report to the congressional defense committees not later than 60 days after the enactment of this Act on the status of the pilot program and a detailed accounting of the funding obligated to date.

MILD TRAUMATIC BRAIN INJURY

When mild traumatic brain injury is not identified and treated appropriately, vestibular impairments can persist, which may lead to long-term morbidity in military personnel and veterans. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to collaborate with research institutions currently investigating mild traumatic brain injury-related vestibular impairments.

MEDICAL INSTRUMENT INSPECTION

Transmission of infectious agents to patients via reusable medical instruments is an unnecessary hazard. The Committee believes that there is a need to ensure that the working channels of reusable medical and surgical instruments are free from infectious agents. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to develop a plan to evaluate visual inspection and documentation systems to detect pathogens and to ensure

the safety of the working channels of reusable medical and surgical instruments used in military treatment facilities.

MESSANGER RNA

The Committee is encouraged by the potential of messenger RNA (mRNA) to combat and prevent a multitude of diseases and injuries. Recent advances in the development of clinical-grade mRNA have created a new therapeutic platform that may facilitate breakthroughs in cellular therapies, enhance the reach of regenerative medicine, generate better vaccines against infectious diseases and cancer, and restore, repair, and regenerate cells and tissue. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to investigate mRNA therapeutics that will benefit servicemembers and to partner with institutions that have relevant expertise in the innovation and clinical development of clinical-grade mRNA therapeutics.

POST-TRAUMATIC STRESS DISORDERS DIAGNOSES

The Committee is concerned by the burden of proof required of servicemembers who have post-traumatic stress disorder (PTSD) but have not been formally diagnosed. Without a proper diagnosis, servicemembers can be discharged with an inappropriate designation. The Committee commends the work of the Government Accountability Office (GAO) which noted the inconsistencies between military Service policies and Department of Defense policies to address the impact of PTSD on separations for misconduct. The Committee directs the Secretary of Defense to brief the congressional defense committees not later than 90 days after the enactment of this Act on the status of efforts to better diagnose and address PTSD cases prior to discharge and the timeline for implementation of the GAO recommendations.

PEER-REVIEWED LUPUS RESEARCH

Lupus affects more than 1,500,000 people in the United States and disproportionately affects women, minorities, and individuals between the ages of 14 and 45. Given the increasing number of women in the military Services, the fact that nearly half of all women servicemembers are African American, and the age range of servicemembers, the Committee is concerned about the potential impact of lupus on the military. The Committee recommendation includes \$5,000,000 for peer-reviewed lupus research and the Committee encourages the Assistant Secretary of Defense (Health Affairs) to continue to support lupus research.

TECHNOLOGY SOLUTIONS FOR PSYCHOLOGICAL HEALTH

The Committee is encouraged by the Department's investment in technology that allows servicemembers access to behavioral health services, including videoconferencing platforms that can be delivered in both garrison and deployed locations. However, it is imperative that all servicemembers are aware of the resources available to them and how to readily gain access to assistance when needed. The Committee directs the Assistant Secretary of Defense (Health Affairs) to provide a report to the congressional defense committees

not later than 90 days after the enactment of this Act that details a strategy for delivering tele-behavioral health services to servicemembers.

MINORITY SERVING INSTITUTIONS

The Committee encourages the Assistant Secretary of Defense (Health Affairs) to work collaboratively in the health research field with Hispanic Serving Institutions, Historically Black Colleges and Universities, and other Minority Serving Institutions. The Committee directs the Assistant Secretary of Defense (Health Affairs) to brief the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act on the Department's efforts to collaborate with these institutions in the health research field.

MILITARY HEALTHCARE NAVIGATOR

The Committee supports the continued efforts in the Department of Defense to improve the healthcare experience for beneficiaries while lowering the total cost of healthcare. Healthcare navigator systems utilized in the private sector have demonstrated an ability to lower healthcare costs by helping families optimize their employer-sponsored benefits. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to continue exploring ways to utilize healthcare navigators through the military health system in order to provide enhanced clinical outcomes, improved beneficiary experience, and reduced utilization in order to lower healthcare costs.

HIGHLY INFECTIOUS DISEASE TREATMENT AND TRANSPORT

The Committee encourages the Assistant Secretary of Defense (Health Affairs) to establish protocols and agreements to provide training, transport, and treatment for servicemembers exposed to, or infected with, a highly infectious disease. The Committee encourages the Air Force Surgeon General, in coordination with the Commander of the Air Mobility Command, to establish agreements with biocontainment units that have extensive experience in the treatment and transport of highly infectious patients.

CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

Fiscal year 2017 appropriation	\$523,726,000
Fiscal year 2018 budget request	961,732,000
Committee recommendation	961,732,000
Change from budget request	---

The Committee recommends an appropriation of \$961,732,000 for Chemical Agents and Munitions Destruction, Defense which will provide the following program in fiscal year 2018:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE	104,237	104,237	--
PROCUREMENT	18,081	18,081	--
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	839,414	839,414	--
TOTAL, CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE	961,732	961,732	--

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

Fiscal year 2017 appropriation	\$998,800,000
Fiscal year 2018 budget request	790,814,000
Committee recommendation	854,814,000
Change from budget request	+64,000,000

The Committee recommends an appropriation of \$854,814,000 for Drug Interdiction and Counter-Drug Activities, Defense which will provide the following program in fiscal year 2018:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
COUNTER NARCOTICS SUPPORT	557,648	532,648	-25,000
Transfer to National Guard counter-drug program		-25,000	
DRUG DEMAND REDUCTION PROGRAM	116,813	120,813	4,000
Program increase—young Marines drug demand reduction		4,000	
NATIONAL GUARD COUNTER DRUG PROGRAM	116,353	201,353	85,000
Transfer from counter-narcotics support		25,000	
Program increase		60,000	
TOTAL, DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES, DEFENSE	790,814	854,814	64,000

JOINT IMPROVISED-THREAT DEFEAT FUND

Fiscal year 2017 appropriation	--
Fiscal year 2018 budget request	\$14,442,000
Committee recommendation	--
Change from budget request	-14,442,000

The Committee recommends no funding for the Joint Improvised-Threat Defeat Fund.

JOINT URGENT OPERATIONAL NEEDS FUND

Fiscal year 2017 appropriation	--
Fiscal year 2018 budget request	\$99,795,000
Committee recommendation	--
Change from budget request	-99,795,000

The Committee recommends no funding for the Joint Urgent Operational Needs Fund.

OFFICE OF THE INSPECTOR GENERAL

Fiscal year 2017 appropriation	\$312,035,000
Fiscal year 2018 budget request	336,887,000
Committee recommendation	336,887,000
Change from budget request	— — —

The Committee recommends an appropriation of \$336,887,000 for the Office of the Inspector General which will provide the following program in fiscal year 2018:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE	334,087	334,087	— — —
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	2,800	2,800	— — —
TOTAL, OFFICE OF THE INSPECTOR GENERAL	336,887	336,887	— — —

TITLE VII
RELATED AGENCIES

NATIONAL AND MILITARY INTELLIGENCE PROGRAMS

The National Intelligence Program and the Military Intelligence Program budgets funded in the Department of Defense Appropriations Act consist primarily of resources for the Director of National Intelligence including the Intelligence Community Management staff, the Central Intelligence Agency (CIA), the Defense Intelligence Agency, the National Reconnaissance Office, the National Security Agency, the National Geospatial-Intelligence Agency, the intelligence services of the Departments of the Army, Navy, Air Force, and the CIA Retirement and Disability fund.

CLASSIFIED ANNEX

The Committee's budget review of classified programs is published in a separate, detailed, and comprehensive classified annex. The Intelligence Community, Department of Defense, and other organizations are expected to fully comply with the recommendations and directions in the classified annex accompanying the Department of Defense Appropriations Act, 2018.

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND
DISABILITY SYSTEM FUND

Fiscal year 2017 appropriation	\$514,000,000
Fiscal year 2018 budget request	514,000,000
Committee recommendation	514,000,000
Change from budget request	— — —

This appropriation provides payments of benefits to qualified beneficiaries in accordance with the Central Intelligence Agency Retirement Act of 1964 for Certain Employees (P.L. 88-643), as amended by Public Law 94-522. This statute authorized the establishment of the CIA Retirement and Disability System for certain employees and authorized the establishment and maintenance of a fund from which benefits would be paid to those beneficiaries.

The Committee recommends an appropriation of \$514,000,000 for the Central Intelligence Agency Retirement and Disability System Fund. This is a mandatory account.

INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT

Fiscal year 2017 appropriation	\$515,596,000
Fiscal year 2018 budget request	532,000,000
Committee recommendation	522,100,000
Change from budget request	— 9,900,000

The Committee recommends an appropriation of \$522,100,000 for the Intelligence Community Management Account.

WILDLIFE TRAFFICKING

The Committee is concerned that wildlife poaching and trafficking, particularly of African elephant ivory, may be used as a source of funding by terrorist organizations, extremist militias, and transnational organized crime syndicates in Central and Eastern Africa. The Committee encourages the Director of National Intelligence and the Secretary of Defense to work with American and international law enforcement and partner countries to share information and analysis on transnational criminal organizations, terrorist entities, corrupt officials, and others that facilitate illegal wildlife trafficking. The Committee also directs the Director of National Intelligence, in coordination with the Secretary of Defense, to provide a report to the congressional defense and intelligence committees not later than 120 days after the enactment of this Act that describes the planned activities to support the National Strategy for Wildlife Trafficking Implementation Plan.

TITLE VIII

GENERAL PROVISIONS

The accompanying bill includes 123 general provisions. A description of each provision follows.

Section 8001 provides that no funds made available in this Act may be used for publicity or propaganda purposes not authorized by Congress.

Section 8002 provides for conditions and limitations on the payment of compensation to, or employment of, foreign nationals.

Section 8003 provides that no funds made available in this Act may be obligated beyond the end of the fiscal year unless expressly provided for a greater period of availability elsewhere in the Act.

Section 8004 limits the obligation of certain funds provided in this Act during the last two months of the fiscal year.

Section 8005 provides for the general transfer authority of funds to other military functions.

Section 8006 provides that the tables titled "Explanation of Project Level Adjustments" in the Committee report and classified annex shall be carried out in the manner provided by the tables to the same extent as if the tables were included in the text of this Act.

Section 8007 has been amended and provides for the establishment of a baseline for application of reprogramming and transfer authorities for the current fiscal year.

Section 8008 provides for limitations on the use of transfer authority of working capital fund cash balances.

Section 8009 provides that none of the funds appropriated in this Act may be used to initiate a special access program without prior notification to the congressional defense committees.

Section 8010 has been amended and provides limitations and conditions on the use of funds made available in this Act to initiate multiyear procurement contracts.

Section 8011 provides for the use and obligation of funds for humanitarian and civic assistance costs.

Section 8012 provides that civilian personnel of the Department of Defense may not be managed on the basis of end strength or be subject to end strength limitations.

Section 8013 prohibits funding from being used to influence congressional action on any matters pending before the Congress.

Section 8014 prohibits compensation from being paid to any member of the Army who is participating as a full-time student and who receives benefits from the Education Benefits Fund when time spent as a full-time student is counted toward that member's service commitment.

Section 8015 provides for the transfer of funds appropriated in title III of this Act for the Department of Defense Pilot Mentor-Protégé Program.

Section 8016 provides for the Department of Defense to purchase anchor and mooring chains manufactured only in the United States.

Section 8017 prohibits funds made available to the Department of Defense from being used to demilitarize or dispose of certain surplus firearms and small arms ammunition or ammunition components.

Section 8018 provides a limitation on funds being used for the relocation of any Department of Defense entity into or within the National Capital Region.

Section 8019 has been amended and provides for incentive payments authorized by section 504 of the Indian Financing Act of 1974 (25 U.S.C. 1544).

Section 8020 provides that no funding for the Defense Media Activity may be used for national or international political or psychological activities.

Section 8021 provides for the obligation of funds for purposes specified in section 2350j(c) of title 10, United States Code, in anticipation of receipt of contributions from the Government of Kuwait.

Section 8022 has been amended and provides funding for the Civil Air Patrol Corporation.

Section 8023 has been amended and prohibits funding from being used to establish new Department of Defense Federally Funded Research and Development Centers (FFRDC), with certain limitations and reduces funding provided for FFRDCs.

Section 8024 provides for the Department of Defense to procure carbon, alloy, or armor steel plate melted and rolled only in the United States and Canada.

Section 8025 defines the congressional defense committees as being the Armed Services Committees of the House and Senate and the Subcommittees on Defense of the Committees on Appropriations of the House and Senate.

Section 8026 provides for competitions between private firms and Department of Defense depot maintenance activities.

Section 8027 provides for the revocation of blanket waivers of the Buy American Act.

Section 8028 provides for the availability of funds contained in the Department of Defense Overseas Military Facility Investment Recovery Account.

Section 8029 provides for the conveyance, without consideration, of relocatable housing units that are excess to the needs of the Air Force.

Section 8030 provides authority to use operation and maintenance appropriations to purchase items having an investment item unit cost of not more than \$250,000.

Section 8031 prohibits the use of funds to disestablish, close, downgrade from host to extension center, or place on probation a Senior Reserve Officers' Training Corps.

Section 8032 prohibits the sale of tobacco products in military resale outlets below the most competitive price in the local community.

Section 8033 prohibits the use of Working Capital Funds to purchase specified investment items.

Section 8034 has been amended and provides that none of the funds appropriated for the Central Intelligence Agency shall remain available for obligation beyond the current fiscal year except for funds appropriated for the Reserve for Contingencies, the Working Capital Fund, or other programs as specified.

Section 8035 provides that funds available for the Defense Intelligence Agency may be used for the design, development, and deployment of General Defense Intelligence Program intelligence communications and intelligence information systems.

Section 8036 provides for the availability of funds for the mitigation of environmental impacts on Indian lands resulting from Department of Defense activities.

Section 8037 requires the Department of Defense to comply with the Buy American Act, chapter 83 of title 41, United States Code.

Section 8038 places certain limitations on the use of funds made available in this Act to establish field operating agencies.

Section 8039 places restrictions on converting to contractor performance an activity or function of the Department of Defense unless it meets certain guidelines provided.

Section 8040 has been amended and provides for the rescission of \$891,381,000 from the following programs:

2016 Appropriations:

Aircraft Procurement, Navy:	
P-8A Poseidon	\$234,000,000
F-35 STOVL series	40,000,000
Aircraft Procurement, Air Force:	
C-130J	30,000,000
C-130H modifications	42,700,000
F-16 modifications link 16 crypto	3,200,000
F-35 modifications	6,800,000

2017 Appropriations:

Missile Procurement, Army:	
Indirect fire protection capability	19,319,000
Procurement of Weapons and Tracked Combat Vehicles, Army:	
Integrated air burst weapon system family	9,764,000
Other Procurement, Army:	
Tactical bridging	10,000,000
Aircraft Procurement, Navy:	
F/A-18 modifications	105,600,000
Weapons Procurement, Navy:	
Tomahawk	32,200,000
Joint air ground missile	21,922,000
Shipbuilding and Conversion, Navy:	
Carrier replacement program	45,116,000
Aircraft Procurement, Air Force:	
UH-1N replacement	18,337,000
KC-135 block 40/45 install	5,600,000
War consumables—MALD J	16,000,000
Other production charges—ATP	13,659,000
F-16 PPS	3,250,000
F-16 modifications link 16 crypto	6,447,000
Missile Procurement, Air Force:	
MMIII modifications ICU II	31,639,000
Space Procurement, Air Force:	
Evolved Expendable Launch Vehicle	15,000,000

Other Procurement, Air Force:	
MEECN—GASNT increment 1	100,000,000
Classified adjustment	5,000,000
Research, Development, Test and Evaluation, Navy:	
Global combat support systems	9,128,000
Navy energy	25,000,000
Research, Development, Test and Evaluation, Air Force:	
Ground attack weapon fuze	700,000
Space fence	34,000,000
Classified adjustment	7,000,000

Section 8041 prohibits funds made available in this Act from being used to reduce authorized positions for military technicians (dual status) of the Army National Guard, Air National Guard, Army Reserve, and Air Force Reserve unless such reductions are a direct result of a reduction in military force structure.

Section 8042 prohibits funding from being obligated or expended for assistance to the Democratic People's Republic of Korea unless specifically appropriated for that purpose.

Section 8043 provides for reimbursement to the National Guard and Reserve when members of the National Guard and Reserve provide intelligence or counterintelligence support to the Combatant Commands, Defense Agencies, and Joint Intelligence Activities.

Section 8044 prohibits the transfer of Department of Defense and Central Intelligence Agencies drug interdiction and counter-drug activity funds to other agencies except as specifically provided in an appropriations law.

Section 8045 prohibits funding from being used for the procurement of ball and roller bearings other than those produced by a domestic source and of domestic origin.

Section 8046 provides that competitively procured launch services must open for award to all certified providers of Evolved Expendable Launch Vehicle-class systems.

Section 8047 provides funding for Red Cross and United Service Organization grants.

Section 8048 prohibits funding from being used to purchase supercomputers which are not manufactured in the United States.

Section 8049 provides funds for the Small Business Innovation Research program and the Small Business Technology Transfer program.

Section 8050 prohibits funding from being used for contractor bonuses being paid due to business restructuring.

Section 8051 provides for prior congressional notification of article or service transfers to international peacekeeping organizations.

Section 8052 provides for the Department of Defense to dispose of negative unliquidated or unexpended balances for expired or closed accounts.

Section 8053 provides conditions for the use of equipment of the National Guard Distance Learning Project on a space-available, reimbursable basis.

Section 8054 prohibits the use of funds to modify command and control relationships to give Fleet Forces Command operational and administrative control of United States Navy forces assigned to the Pacific fleet.

Section 8055 provides funding for Sexual Assault Prevention and Response Programs.

Section 8056 provides for the limitation on the use of funds appropriated in title IV to procure end-items for delivery to military forces for operational training, operational use or inventory requirements.

Section 8057 provides for a waiver of “Buy America” provisions for certain cooperative programs.

Section 8058 prohibits funding in this Act from being used for repairs or maintenance to military family housing units.

Section 8059 provides obligation authority for new starts for advanced concept technology demonstration projects only after notification to the congressional defense committees.

Section 8060 provides that the Secretary of Defense shall provide a classified quarterly report on certain matters as directed in the classified annex accompanying this Act.

Section 8061 provides for the use of National Guard personnel to support ground-based elements of the National Ballistic Missile Defense System.

Section 8062 prohibits the use of funds made available in this Act to transfer to any nongovernmental entity ammunition held by the Department of Defense that has a center-fire cartridge and is designated as “armor piercing” except for demilitarization purposes.

Section 8063 provides for a waiver by the Chief of the National Guard Bureau or his designee for all or part of consideration in cases of personal property leases of less than one year.

Section 8064 has been amended and provides for the transfer of funds made available in this Act under Operation and Maintenance, Army to other activities of the Federal Government for classified purposes.

Section 8065 prohibits funding to separate, or to consolidate from within, the National Intelligence Program budget from the Department of Defense budget.

Section 8066 provides grant authority for the construction and furnishing of additional Fisher Houses to meet the needs of military family members when confronted with the illness or hospitalization of an eligible military beneficiary.

Section 8067 has been amended and provides funding and transfer authority for the Israeli Cooperative Programs.

Section 8068 has been amended and provides for the funding of prior year shipbuilding cost increases.

Section 8069 has been amended and provides that funds made available in this Act for intelligence activities are deemed to be specifically authorized by Congress for purposes of section 504 of the National Security Act of 1947 until the enactment of the Intelligence Authorization Act for the current fiscal year.

Section 8070 prohibits funding from being used to initiate a new start program without prior written notification.

Section 8071 has been amended and provides that the budget of the President for the subsequent fiscal year shall include separate budget justification documents for costs of the United States Armed Forces’ participation in contingency operations.

Section 8072 prohibits funding from being used for the research, development, test, evaluation, procurement, or deployment of nuclear armed interceptors of a missile defense system.

Section 8073 has been amended and reduces appropriations to reflect savings due to favorable exchange rates.

Section 8074 prohibits funding from being used to reduce or disestablish the operation of the 53rd Weather Reconnaissance Squadron of the Air Force Reserve.

Section 8075 prohibits funding from being used for the integration of foreign intelligence information unless the information has been lawfully collected and processed during conduct of authorized foreign intelligence activities.

Section 8076 prohibits funding from being used to transfer program authority relating to current tactical unmanned aerial vehicles from the Army and requires the Army to retain responsibility for and operational control of the MQ-1C Unmanned Aerial Vehicle.

Section 8077 has been amended and limits the availability of funding provided for the Office of the Director of National Intelligence beyond the current fiscal year, except for funds appropriated for research and technology, which shall remain available for the current and the following fiscal years.

Section 8078 provides for the adjustment of obligations within the Shipbuilding and Conversion, Navy appropriation.

Section 8079 has been amended and provides for the establishment of a baseline for application of reprogramming and transfer authorities for the Office of the Director of National Intelligence for the current fiscal year.

Section 8080 prohibits the use of funds to modify Army Contracting Command—New Jersey without prior congressional notification.

Section 8081 has been amended and provides for the rescission of the Defense Acquisition Workforce Development Fund.

Section 8082 has been amended and prohibits funding from being used to violate the Child Soldiers Prevention Act of 2008.

Section 8083 provides for limitations on funding provided for the National Intelligence Program to be available for obligation or expenditure through a reprogramming or transfer of funds in accordance with section 102A(d) of the National Security Act of 1947 (50 U.S.C. 403–1(d)).

Section 8084 directs the Director of National Intelligence to submit a future-years intelligence program reflecting estimated expenditures and proposed appropriations.

Section 8085 defines the congressional intelligence committees as being the Permanent Select Committee on Intelligence of the House, the Select Committee on Intelligence of the Senate, and the Subcommittees on Defense of the Committees on Appropriations of the House and Senate.

Section 8086 provides the authority to transfer funding from operation and maintenance accounts for the Army, Navy, and Air Force to the central fund for Fisher Houses and Suites.

Section 8087 has been amended and provides that funds appropriated in this Act may be available for the purpose of making remittances and transfers to the Defense Acquisition Workforce Development Fund.

Section 8088 provides that any agency receiving funds made available in this Act shall post on a public website any report required to be submitted by Congress with certain exceptions.

Section 8089 prohibits the use of funds for federal contracts in excess of \$1,000,000 unless the contractor agrees not to require, as a condition of employment, that employees or independent contractors agree to resolve through arbitration any claim or tort related to, or arising out of, sexual assault or harassment, including assault and battery, intentional infliction of emotional distress, false imprisonment, or negligent hiring, supervision, or retention, and to certify that each covered subcontractor agrees to do the same.

Section 8090 has been amended and provides funds for transfer to the Joint Department of Defense—Department of Veterans Affairs Medical Facility Demonstration Fund.

Section 8091 prohibits the use of funds providing certain missile defense information to certain entities.

Section 8092 provides for the purchase of heavy and light armed vehicles for the physical security of personnel or for force protection purposes up to a limit of \$450,000 per vehicle.

Section 8093 provides the Director of National Intelligence with general transfer authority with certain limitations.

Section 8094 prohibits funding to transfer or release any individual detained at Guantanamo Bay, Cuba into the United States, its territories, or possessions. This language is identical to language enacted in Public Law 112–74.

Section 8095 prohibits funding to modify any United States facility (other than the facility at Guantanamo Bay, Cuba) to house any individual detained at Guantanamo Bay, Cuba. This language is identical to language enacted in Public Law 112–74.

Section 8096 prohibits funding to transfer any individual detained at Guantanamo Bay, Cuba to a country of origin or other foreign country or entity unless the Secretary of Defense makes certain certifications. This language is similar to language enacted in Public Law 112–239.

Section 8097 prohibits funding from being used to violate the War Powers Resolution Act.

Section 8098 prohibits funds from being used to enter into a contract, memorandum of understanding, or cooperative agreement with, make a grant to, or provide a loan or loan guarantee to Rosoboronexport, except under certain conditions.

Section 8099 prohibits the use of funds for the purchase or manufacture of a United States flag unless such flags are treated as covered items under section 2533a(b) of title 10, United States Code.

Section 8100 provides that funds may be used to provide ex gratia payments to local military commanders for damage, personal injury, or death that is incident to combat operations in a foreign country.

Section 8101 prohibits the use of funds to reduce or prepare to reduce the number of deployed and non-deployed strategic delivery vehicles and launchers.

Section 8102 directs the Secretary of Defense to post grant awards on a public website in a searchable format.

Section 8103 prohibits the use of funds for flight demonstration teams outside of the United States.

Section 8104 prohibits the use of funds by the National Security Agency targeting United States persons under authorities granted in the Foreign Intelligence Surveillance Act.

Section 8105 prohibits the use of funds to implement the Arms Trade Treaty until ratified by the Senate.

Section 8106 has been amended and prohibits the transfer of administrative or budgetary resources to the jurisdiction of another Federal agency not financed by this Act without the express authorization of Congress.

Section 8107 prohibits the use of funds to provide counterterrorism support to foreign partners unless the congressional defense committees are notified accordingly.

Section 8108 prohibits the use of funds to contravene the War Powers Resolution with respect to Iraq.

Section 8109 has been amended and prohibits the use of funds to award a new T-AO Fleet Oiler or Towing, Salvage, and Rescue Ship program contract for the acquisition of certain components unless those components are manufactured in the United States.

Section 8110 has been amended and reduces Working Capital Funds to reflect excess cash balances.

Section 8111 has been amended and reduces the total amount appropriated to reflect lower than anticipated fuel prices.

Section 8112 prohibits the use of funds for gaming or entertainment that involves nude entertainers.

Section 8113 prohibits the use of funds for Base Realignment and Closure.

Section 8114 has been amended and provides transfer authority to the Ready Reserve Force, Maritime Administration for the National Defense Reserve Fleet.

Section 8115 has been amended and places restrictions on the obligation of funds for the Joint Surveillance Target Attack Radar System recapitalization program.

Section 8116 prohibits the use of funds to close facilities at Naval Station Guantanamo Bay.

Section 8117 provides for the use of funds to research and respond to the Zika virus.

Section 8118 prohibits the use of funding for information technology systems that do not have sufficient pornographic content filters.

Section 8119 places certain limitations on the transfer of funds for Global Engagement Center activities.

Section 8120 places limitations on the use of funds for the Defense Acquisition Workforce Development Fund.

Section 8121 is new and provides funds for the military personnel accounts for purposes of a military pay raise.

Section 8122 is new and makes funds available through the Office of Economic Adjustment for transfer to the Secretary of Education, to make grants to construct, renovate, repair, or expand elementary and secondary public schools on military installations.

Section 8123 is new and limits the availability of funds to carry out changes to the Joint Travel Regulations of the Department of Defense.

Section 8124 is new and changes certain time limitations on embryo cryopreservation and storage.

TITLE IX
OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON
TERRORISM

COMMITTEE RECOMMENDATION

In title IX, the Committee recommends total new appropriations of \$73,934,000,000. A detailed review of the Committee recommendation for programs funded in this title is provided in the following pages.

REPORTING REQUIREMENTS

The Committee recommendation includes a number of reporting requirements related to contingency operations and building capacity efforts. The Committee directs the Secretary of Defense to continue to report incremental costs for all named operations in the Central Command area of responsibility on a quarterly basis and to submit, also on a quarterly basis, commitment, obligation, and expenditure data for the Afghanistan Security Forces Fund, the Counter-Islamic State of Iraq and the Levant Train and Equip Fund, and for all security cooperation programs funded under the Defense Security Cooperation Agency in the Operation and Maintenance, Defense-Wide account.

INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE FUND

The Committee recommendation includes \$500,000,000 to continue support for the Intelligence, Surveillance and Reconnaissance (ISR) Fund, the same as the fiscal year 2017 enacted level. The Committee has repeatedly heard from combatant commanders of their need for greater capacity and capability in ISR, and commends the Secretary of Defense and the Service leaders for aggressively working to address this need. The Committee remains concerned about the capability of current bandwidth capacity to meet the rapidly growing demand for increased communications and ISR information. The Committee encourages the Secretary of Defense and the Service Secretaries to identify opportunities for demand reduction, spectral efficiency, and new technological investments to ensure that warfighters have the timely and accurate information they rely upon.

MILITARY PERSONNEL

The Committee recommends an additional appropriation of \$5,276,276,000 for Military Personnel. The Committee recommendation for each military personnel account is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
MILITARY PERSONNEL, ARMY			
BA-1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY	462,564	462,564	0
RETIRED PAY ACCRUAL	104,534	104,534	0
BASIC ALLOWANCE FOR HOUSING	167,686	167,686	0
BASIC ALLOWANCE FOR SUBSISTENCE	18,508	18,508	0
INCENTIVE PAYS	3,191	3,191	0
SPECIAL PAYS	14,977	14,977	0
ALLOWANCES	13,208	13,208	0
SEPARATION PAY	7,090	7,090	0
SOCIAL SECURITY TAX	35,386	35,386	0
TOTAL, BA-1	827,144	827,144	0
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY	764,819	764,819	0
RETIRED PAY ACCRUAL	172,849	172,849	0
BASIC ALLOWANCE FOR HOUSING	346,571	346,571	0
INCENTIVE PAYS	2,784	2,784	0
SPECIAL PAYS	41,316	41,316	0
ALLOWANCES	39,915	39,915	0
SEPARATION PAY	15,317	15,317	0
SOCIAL SECURITY TAX	58,509	58,509	0
TOTAL, BA-2	1,442,080	1,442,080	0
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE	86,977	86,977	0
SUBSISTENCE-IN-KIND	199,283	199,283	0
TOTAL, BA-4	286,260	286,260	0
BA-5: PERMANENT CHANGE OF STATION TRAVEL			
OPERATIONAL TRAVEL	22,158	22,158	0
ROTATIONAL TRAVEL	5,741	5,741	0
TOTAL, BA-5	27,899	27,899	0
BA-6: OTHER MILITARY PERSONNEL COSTS			
INTEREST ON UNIFORMED SERVICES SAVINGS	2,997	2,997	0
DEATH GRATUITIES	600	600	0
UNEMPLOYMENT BENEFITS	39,253	39,253	0
SGLI EXTRA HAZARD PAYMENTS	9,084	9,084	0
TOTAL, BA-6	51,934	51,934	0
TOTAL, MILITARY PERSONNEL, ARMY	2,635,317	2,635,317	0
MILITARY PERSONNEL, NAVY			
BA-1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY	74,171	74,171	0
RETIRED PAY ACCRUAL	16,763	16,763	0
BASIC ALLOWANCE FOR HOUSING	25,185	25,185	0
BASIC ALLOWANCE FOR SUBSISTENCE	2,616	2,616	0
INCENTIVE PAYS	631	631	0
SPECIAL PAYS	3,168	3,168	0
ALLOWANCES	7,597	7,597	0
SOCIAL SECURITY TAX	5,674	5,674	0
TOTAL, BA-1	135,805	135,805	0

M-1	Budget Request	Committee Recommended	Change from Request
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY	86,671	86,671	0
RETIRED PAY ACCRUAL	19,588	19,588	0
BASIC ALLOWANCE FOR HOUSING	46,974	46,974	0
SPECIAL PAYS	6,542	6,542	0
ALLOWANCES	17,995	17,995	0
SOCIAL SECURITY TAX	6,630	6,630	0
TOTAL, BA-2	184,400	184,400	0
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE	10,359	10,359	0
SUBSISTENCE-IN-KIND	29,101	29,101	0
TOTAL, BA-4	39,460	39,460	0
BA-5: PERMANENT CHANGE OF STATION TRAVEL			
ACCESSION TRAVEL	3,806	3,806	0
OPERATIONAL TRAVEL	1,264	1,264	0
ROTATIONAL TRAVEL	600	600	0
SEPARATION TRAVEL	2,152	2,152	0
TOTAL, BA-5	7,822	7,822	0
BA-6: OTHER MILITARY PERSONNEL COSTS			
DEATH GRATUITIES	300	300	0
UNEMPLOYMENT BENEFITS	5,978	5,978	0
RESERVE INCOME REPLACEMENT PROGRAM	9	9	0
SGLI EXTRA HAZARD PAYMENTS	4,083	4,083	0
TOTAL, BA-6	10,370	10,370	0
TOTAL, MILITARY PERSONNEL, NAVY	377,857	377,857	0
MILITARY PERSONNEL, MARINE CORPS			
BA-1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY	19,766	19,766	0
RETIRED PAY ACCRUAL	4,479	4,479	0
BASIC ALLOWANCE FOR HOUSING	6,679	6,679	0
BASIC ALLOWANCE FOR SUBSISTENCE	634	634	0
SPECIAL PAYS (AND INCENTIVE PAYS)	2,620	2,620	0
ALLOWANCES	890	890	0
SOCIAL SECURITY TAX	1,512	1,512	0
TOTAL, BA-1	36,580	36,580	0
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY	24,617	24,617	0
RETIRED PAY ACCRUAL	5,551	5,551	0
BASIC ALLOWANCE FOR HOUSING	15,229	15,229	0
INCENTIVE PAYS	23	23	0
SPECIAL PAYS	8,021	8,021	0
ALLOWANCES	6,875	6,875	0
SOCIAL SECURITY TAX	1,883	1,883	0
TOTAL, BA-2	62,199	62,199	0
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE	2,842	2,842	0
TOTAL, BA-4	2,842	2,842	0

M-1	Budget Request	Committee Recommended	Change from Request
BA-6: OTHER MILITARY PERSONNEL COSTS			
INTEREST ON UNIFORMED SERVICES SAVINGS	302	302	0
SGLI EXTRA HAZARD PAYMENTS	1,877	1,877	0
TOTAL, BA-6	2,179	2,179	0
TOTAL, MILITARY PERSONNEL, MARINE CORPS	103,800	103,800	0
MILITARY PERSONNEL, AIR FORCE			
BA-1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY	122,568	122,568	0
RETIRED PAY ACCRUAL	27,700	27,700	0
BASIC ALLOWANCE FOR HOUSING	38,118	38,118	0
BASIC ALLOWANCE FOR SUBSISTENCE	4,276	4,276	0
SPECIAL PAYS	6,045	6,045	0
ALLOWANCES	6,531	6,531	0
SOCIAL SECURITY TAX	9,376	9,376	0
TOTAL, BA-1	214,614	214,614	0
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY	279,399	279,399	0
RETIRED PAY ACCRUAL	63,144	63,144	0
BASIC ALLOWANCE FOR HOUSING	118,426	118,426	0
SPECIAL PAYS	23,152	23,152	0
ALLOWANCES	23,088	23,088	0
SOCIAL SECURITY TAX	21,374	21,374	0
TOTAL, BA-2	528,583	528,583	0
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE	30,311	30,311	0
SUBSISTENCE-IN-KIND	116,347	116,347	0
TOTAL, BA-4	146,658	146,658	0
BA-6: OTHER MILITARY PERSONNEL COSTS			
DEATH GRATUITIES	1,000	1,000	0
UNEMPLOYMENT BENEFITS	15,568	15,568	0
SGLI EXTRA HAZARD PAYMENTS	6,356	6,356	0
TOTAL, BA-6	22,924	22,924	0
TOTAL, MILITARY PERSONNEL, AIR FORCE	912,779	912,779	0
RESERVE PERSONNEL, ARMY			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	24,942	24,942	0
TOTAL, BA-1	24,942	24,942	0
TOTAL, RESERVE PERSONNEL, ARMY	24,942	24,942	0

M-1	Budget Request	Committee Recommended	Change from Request
RESERVE PERSONNEL, NAVY			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	8,835	8,835	0
ADMINISTRATION AND SUPPORT	256	256	0
TOTAL, BA-1	9,091	9,091	0
TOTAL, RESERVE PERSONNEL, NAVY	9,091	9,091	0
RESERVE PERSONNEL, MARINE CORPS			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	2,285	2,285	0
ADMINISTRATION AND SUPPORT	43	43	0
TOTAL, BA-1	2,328	2,328	0
TOTAL, RESERVE PERSONNEL, MARINE CORPS	2,328	2,328	0
RESERVE PERSONNEL, AIR FORCE			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	20,569	20,569	0
TOTAL, BA-1	20,569	20,569	0
TOTAL, RESERVE PERSONNEL, AIR FORCE	20,569	20,569	0
NATIONAL GUARD PERSONNEL, ARMY			
BA-1: UNIT AND INDIVIDUAL TRAINING			
PAY GROUP A TRAINING (15 DAYS and DRILLS 24/48)	39,327	39,327	0
SCHOOL TRAINING	2,881	2,881	0
SPECIAL TRAINING	132,994	132,994	0
ADMINISTRATION AND SUPPORT	9,387	9,387	0
TOTAL, BA-1	184,589	184,589	0
TOTAL, NATIONAL GUARD PERSONNEL, ARMY	184,589	184,589	0
NATIONAL GUARD PERSONNEL, AIR FORCE			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	5,004	5,004	0
TOTAL, BA-1	5,004	5,004	0
TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE	5,004	5,004	0
TOTAL, MILITARY PERSONNEL	4,276,276	4,276,276	0

MILITARY PERSONNEL, NATIONAL DEFENSE RESTORATION FUND

In addition to the amounts provided in the preceding table, the Committee recommends \$1,000,000,000 for the Military Personnel, National Defense Restoration Fund, for expenses associated with increased end strength, shortfalls in military personnel requirements, and emerging requirements deemed by the Secretary of Defense to be in the national security interest of the United States. The Committee directs that the funding be used to meet the requirements necessary to implement the 2018 National Defense Strategy. The Secretary of Defense is directed to submit to the congressional defense committees a proposed allocation plan, including a detailed budget justification for the use of such funds and a description of how such investments are necessary to implement the strategy, not fewer than 30 days prior to making transfers from the fund. Transfers from the fund are subject to prior approval from the congressional defense committees.

OPERATION AND MAINTENANCE

The Committee recommends an additional appropriation of \$49,269,149,000 for Operation and Maintenance. The Committee recommendation for each operation and maintenance account is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE, ARMY			
111 MANEUVER UNITS	828,225	828,225	0
113 ECHELONS ABOVE BRIGADE	25,474	25,474	0
114 THEATER LEVEL ASSETS	1,778,644	1,778,644	0
115 LAND FORCES OPERATIONS SUPPORT	260,575	260,575	0
116 AVIATION ASSETS	284,422	284,422	0
121 FORCE READINESS OPERATIONS SUPPORT	2,784,525	2,784,525	0
122 LAND FORCES SYSTEMS READINESS	502,330	502,330	0
123 LAND FORCES DEPOT MAINTENANCE	104,149	104,149	0
131 BASE OPERATIONS SUPPORT	80,249	80,249	0
132 FACILITIES, SUSTAINMENT, RESTORATION AND MODERNIZATION	32,000	32,000	0
135 ADDITIONAL ACTIVITIES	6,151,378	6,151,378	0
136 COMMANDERS' EMERGENCY RESPONSE PROGRAM	5,000	5,000	0
137 RESET	864,926	864,926	0
141 U.S. AFRICA COMMAND	186,567	186,567	0
142 U.S. EUROPEAN COMMAND	44,250	44,250	0
212 ARMY PREPOSITIONED STOCKS	56,500	56,500	0
421 SERVICEWIDE TRANSPORTATION	755,029	755,029	0
422 CENTRAL SUPPLY ACTIVITIES	16,567	16,567	0
423 LOGISTIC SUPPORT ACTIVITIES	6,000	6,000	0
424 AMMUNITION MANAGEMENT	5,207	5,207	0
434 OTHER PERSONNEL SUPPORT	107,091	107,091	0
437 REAL ESTATE MANAGEMENT	165,280	165,280	0
999 CLASSIFIED PROGRAMS	1,082,015	1,082,015	0
TOTAL, OPERATION AND MAINTENANCE, ARMY	16,126,403	16,126,403	0

O-1	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE, NAVY			
1A1A MISSION AND OTHER FLIGHT OPERATIONS	412,710	412,710	0
1A3A AVIATION TECHNICAL DATA & ENGINEERING	1,750	1,750	0
1A4A AIR OPERATIONS AND SAFETY SUPPORT	2,989	2,989	0
1A4N AIR SYSTEMS SUPPORT	144,030	144,030	0
1A5A AIRCRAFT DEPOT MAINTENANCE	211,196	211,196	0
1A6A AIRCRAFT DEPOT OPERATIONS SUPPORT	1,921	1,921	0
1A9A AVIATION LOGISTICS	102,834	102,834	0
1B1B MISSION AND OTHER SHIP OPERATIONS	855,453	855,453	0
1B2B SHIP OPERATIONS SUPPORT & TRAINING	19,627	19,627	0
1B4B SHIP DEPOT MAINTENANCE	2,483,179	2,483,179	0
1C1C COMBAT COMMUNICATIONS	58,886	58,886	0
1C3C SPACE SYSTEMS AND SURVEILLANCE	4,400	4,400	0
1C4C WARFARE TACTICS	21,550	21,550	0
1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	21,104	21,104	0
1C6C COMBAT SUPPORT FORCES	605,936	605,936	0
1C7C EQUIPMENT MAINTENANCE	11,433	11,433	0
1D4D WEAPONS MAINTENANCE	325,011	325,011	0
1D7D OTHER WEAPONS SYSTEMS SUPPORT	9,598	9,598	0
BSM1 FACILITIES SUSTAINMENT, RESTORATION AND	31,898	31,898	0
BSS1 BASE OPERATING SUPPORT	228,246	228,246	0
2B1G AIRCRAFT ACTIVATIONS / INACTIVATIONS	1,869	1,869	0
2C1H EXPEDITIONARY HEALTH SERVICE SYSTEM	11,905	11,905	0
2C3H COAST GUARD SUPPORT	161,885	161,885	0
3B1K SPECIALIZED SKILL TRAINING	43,369	43,369	0
4A1M ADMINISTRATION	3,217	3,217	0
4A4M MILITARY MANPOWER AND PERSONNEL	7,356	7,356	0
4B1N SERVICEWIDE TRANSPORTATION	67,938	67,938	0

O-1	Budget Request	Committee Recommended	Change from Request
4B3N ACQUISITION AND PROGRAM MANAGEMENT	9,446	9,446	0
999 CLASSIFIED PROGRAMS	14,279	14,279	0
TOTAL, OPERATION AND MAINTENANCE, NAVY	5,875,015	5,875,015	0
OPERATION AND MAINTENANCE, MARINE CORPS			
1A1A OPERATIONAL FORCES	710,790	710,790	0
1A2A FIELD LOGISTICS	242,150	242,150	0
1A3A DEPOT MAINTENANCE	52,000	52,000	0
BSS1 BASE OPERATING SUPPORT	17,529	17,529	0
3B4D TRAINING SUPPORT	29,421	29,421	0
4A3G SERVICEWIDE TRANSPORTATION	61,600	61,600	0
999 OTHER PROGRAMS	3,150	3,150	0
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS	1,116,640	1,116,640	0
OPERATION AND MAINTENANCE, AIR FORCE			
011A PRIMARY COMBAT FORCES	248,235	248,235	0
011C COMBAT ENHANCEMENT FORCES	1,394,962	1,394,962	0
011D AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	5,450	5,450	0
011M DEPOT MAINTENANCE	699,860	699,860	0
011R FACILITIES SUSTAINMENT, RESTORATION &	113,131	113,131	0
011W CONTRACTOR LOGISTICS SUPPORT AND SYSTEM	2,039,551	2,039,551	0
011Y FLYING HOUR PROGRAM	2,059,363	2,059,363	0
011Z BASE SUPPORT	1,088,946	1,088,946	0
012A GLOBAL C3I AND EARLY WARNING	15,274	15,274	0
012C OTHER COMBAT OPS SPT PROGRAMS	198,090	198,090	0
012F TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES	58,098	58,098	0
013A LAUNCH FACILITIES	385	385	0
013C SPACE CONTROL SYSTEMS	22,020	22,020	0
015C MISSION OPERATIONS - USNORTHCOM	381	381	0
015D MISSION OPERATIONS - USSTRATCOM	698	698	0
015E MISSION OPERATIONS - USCYBERCOM	35,239	35,239	0

O-1	Budget Request	Committee Recommended	Change from Request
015F MISSION OPERATIONS - USCENTCOM	159,250	159,250	0
015G MISSION OPERATIONS - USSOCOM	19,000	19,000	0
021A AIRLIFT OPERATIONS	1,430,316	1,430,316	0
021D MOBILIZATION PREPAREDNESS	213,827	213,827	0
031A OFFICER ACQUISITION	300	300	0
031B RECRUIT TRAINING	298	298	0
031D RESERVE OFFICER TRAINING CORPS	90	90	0
032A SPECIALIZED SKILL TRAINING	25,675	25,675	0
032B FLIGHT TRAINING	879	879	0
032C PROFESSIONAL DEVELOPMENT EDUCATION	1,114	1,114	0
032D TRAINING SUPPORT	1,426	1,426	0
041A LOGISTICS OPERATIONS	151,847	151,847	0
041B TECHNICAL SUPPORT ACTIVITIES	8,744	8,744	0
042A ADMINISTRATION	6,583	6,583	0
042B SERVICEWIDE COMMUNICATIONS	129,508	129,508	0
042G OTHER SERVICEWIDE ACTIVITIES	84,110	84,110	0
043A SECURITY PROGRAMS	53,255	53,255	0
044A INTERNATIONAL SUPPORT	120	120	0
TOTAL, OPERATION AND MAINTENANCE, AIR FORCE	10,266,025	10,266,025	0
OPERATION AND MAINTENANCE, DEFENSE-WIDE			
1PL1 JOINT CHIEFS OF STAFF	4,841	4,841	0
1PL2 SPECIAL OPERATIONS COMMAND	3,305,234	2,987,355	-317,879
Combat development activities - classified adjustment		-15,000	
Combat development activities - reduction for one-time increase		-57,000	
Flight operations - reduction for contract services		-23,579	
Flight operations - reduction for contractor logistics services		-12,300	
Flight operations - reduction for one-time increase		-19,200	
Intelligence - historical underexecution		-160,000	
Maintenance - reduction for one-time increase		-30,800	
4GT6 DEFENSE CONTRACT AUDIT AGENCY	9,853	9,853	0
4GT9 DEFENSE INFORMATION SYSTEMS AGENCY	64,137	64,137	0
4GTA DEFENSE LEGAL SERVICES	115,000	115,000	0

O-1	Budget Request	Committee Recommended	Change from Request
ES18 DEFENSE MEDIA ACTIVITY	13,255	13,255	0
4GTJ DEPARTMENT OF DEFENSE EDUCATION AGENCY	31,000	31,000	0
4GT0 DEFENSE CONTRACT MANAGEMENT AGENCY	21,317	21,317	0
4GTD DEFENSE SECURITY COOPERATION AGENCY	2,312,000	1,862,000	-450,000
Program reduction - Lift and Sustain		-100,000	
Transfer to Section 9014		-150,000	
Program reduction - Building Partnership Capacity		-100,000	
Program reduction - Coalition Support Funds		-100,000	
4GTN OFFICE OF THE SECRETARY OF DEFENSE	34,715	34,715	0
4GTQ WASHINGTON HEADQUARTERS SERVICE	3,179	3,179	0
9999 OTHER PROGRAMS	1,797,549	1,797,549	0
TOTAL, OPERATION AND MAINTENANCE, DEFENSE- WIDE	7,712,080	6,944,201	-767,879
OPERATION AND MAINTENANCE, ARMY RESERVE			
113 ECHELONS ABOVE BRIGADE	4,179	4,179	0
115 LAND FORCES OPERATIONS SUPPORT	2,132	2,132	0
121 FORCES READINESS OPERATIONS SUPPORT	779	779	0
131 BASE OPERATIONS SUPPORT	17,609	17,609	0
TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE	24,699	24,699	0
OPERATION AND MAINTENANCE, NAVY RESERVE			
1A5A AIRCRAFT DEPOT MAINTENANCE	14,964	14,964	0
1C6C COMBAT SUPPORT FORCES	9,016	9,016	0
TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE	23,980	23,980	0
OPERATION AND MAINTENANCE, MARINE CORPS RESERVE			
1A1A OPERATING FORCES	2,548	2,548	0
BSS1 BASE OPERATING SUPPORT	819	819	0
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS RESERVE	3,367	3,367	0

O-1	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE, AIR FORCE RESERVE			
011M DEPOT MAINTENANCE	52,323	52,323	0
011Z BASE OPERATING SUPPORT	6,200	6,200	0
TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE	58,523	58,523	0
OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD			
111 MANEUVER UNITS	41,731	41,731	0
112 MODULAR SUPPORT BRIGADES	762	762	0
113 ECHELONS ABOVE BRIGADE	11,855	11,855	0
114 THEATER LEVEL ASSETS	204	204	0
116 AVIATION ASSETS	27,583	27,583	0
121 FORCE READINESS OPERATIONS SUPPORT	5,792	5,792	0
131 BASE OPERATIONS SUPPORT	18,507	18,507	0
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS	937	937	0
432 SERVICEWIDE COMMUNICATIONS	740	740	0
TOTAL, OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD	108,111	108,111	0
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD			
011G MISSION SUPPORT OPERATIONS	3,468	3,468	0
011Z BASE SUPPORT	11,932	11,932	0
TOTAL, OPERATION AND MAINTENANCE, AIR NATIONAL GUARD	15,400	15,400	0
AFGHANISTAN SECURITY FORCES FUND			
Defense Forces	3,771,758	3,771,758	0
Sustainment	2,660,855	2,660,855	0
Infrastructure	21,000	21,000	0
Equipment and Transportation	684,786	684,786	0
Training and Operations	405,117	405,117	0
Interior Forces	1,165,757	1,165,757	0
Sustainment	955,574	955,574	0
Infrastructure	39,595	39,595	0
Equipment and Transportation	75,976	75,976	0
Training and Operations	94,612	94,612	0
TOTAL, AFGHANISTAN SECURITY FORCES FUND	4,937,515	4,937,515	0

O-1	Budget Request	Committee Recommended	Change from Request
COUNTER-ISIL TRAIN AND EQUIP FUND			
COUNTER-ISIL TRAIN AND EQUIP FUND	1,769,000	1,769,000	0
TOTAL, COUNTER-ISIL TRAIN AND EQUIP FUND	1,769,000	1,769,000	0

COUNTERTERRORISM EFFORTS TO BUILD PARTNERSHIP CAPACITY IN
THE UNITED STATES SOUTHERN COMMAND AREA OF RESPONSIBILITY

The Committee recognizes that the United States Southern Command historically has been engaged in successful counter-drug partnership programs while its counterterrorism building partnership capacity efforts have been limited by a lack of funding and authorities. The Committee notes that Department of Defense officials agree that it is time to expand counterterrorism efforts to build the capacity of nations within the United States Southern Command area of responsibility. These efforts would focus on tactical level training, sensitive site exploitation, biometric assessment, basic mission planning, close quarters battle, and urban movement. Once tactical units of partner nations show an acceptable level of proficiency in these tasks, training focus would shift to more advanced tactical tasks and higher level mission planning efforts including operations and intelligence fusion. To master these tasks, partner nations will likely require equipment, limited small scale construction, and extensive training.

The Committee encourages the Secretary of Defense to expand its counterterrorism efforts to the nations within the United States Southern Command area of responsibility. Building partnership capacity within each partner nation will allow effective host government management of their own counterterrorism strategy.

UNITED STATES SUPPORT TO AFGHAN NATIONAL DEFENSE FORCES AND
IRAQI SECURITY FORCES

The Committee is aware that United States support to Afghan National Defense and Security Forces (ANDSF) in the area of service support activities is often conducted by United States-based contractors. Conditions for United States forces in Afghanistan are set by the Bilateral Security Agreement—a complex and lengthy document negotiated by the Secretary of State and the Islamic Republic of Afghanistan.

According to the agreement, Afghan taxes and other fees are not imposed on the entry or exit of goods specifically for the use of United States forces. However, the agreement fails to mention the taxation of United States-based defense contractors in support of the ANDSF. The result of this omission is that United States-based contractors that conduct a supporting role in Afghanistan are not subject to the taxation exemption for the entry and exit of goods necessary to support their missions. This increases the costs of services performed by such contractors.

Additionally, the United States is party to a Status of Forces Agreement and a Strategic Framework Agreement with the Republic of Iraq. Similar taxation implications affecting United States-based contractors are void in these agreements.

The Committee encourages the Secretary of Defense, in coordination with the Secretary of State, to address the taxation of United States-based defense contractors in support of the ANDSF and Iraqi Security Forces when negotiating future agreements.

OPERATION AND MAINTENANCE, NATIONAL DEFENSE RESTORATION
FUND

In addition to the amounts provided in the preceding table, the Committee recommends an additional \$2,000,000,000 for the Operation and Maintenance, National Defense Restoration Fund, in order to improve the warfighting readiness of the military Services and defense agencies and meet overseas contingency requirements. The Committee directs that the funding be used to meet the requirements necessary to implement the 2018 National Defense Strategy. The Secretary of Defense is directed to submit to the congressional defense committees a proposed allocation plan, including a detailed budget justification for the use of such funds and a description of how such investments are necessary to implement the strategy, not fewer than 30 days prior to making transfers from the fund. Transfers from the fund are subject to prior approval from the congressional defense committees.

AFGHANISTAN SECURITY FORCES FUND

The Committee recommends an additional appropriation of \$4,937,515,000 for the Afghanistan Security Forces Fund.

VETTING OF FOREIGN SECURITY FORCES

The Committee is aware of a concern regarding allegations of sexual abuse of children committed by members of the Afghan security forces.

The Committee has been made aware of concerns the Department of Defense only began vetting foreign security forces in 2014 and has lagged in its progress because there is not a permanent position within the Department to oversee human rights vetting with regard to the Afghanistan security forces. The Committee directs the Secretary of Defense to establish a permanent position to oversee human rights vetting with regard to the Afghanistan security forces.

COUNTER-ISLAMIC STATE OF IRAQ AND THE LEVANT TRAIN AND EQUIP
FUND

The Committee recommends an additional appropriation of \$1,769,000,000 for the Counter-Islamic State of Iraq and the Levant Train and Equip Fund.

PROCUREMENT

The Committee recommends an additional appropriation of \$16,462,540,000 for Procurement. The Committee recommendation for each procurement account is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
AIRCRAFT PROCUREMENT, ARMY			
4 MQ-1 UAV	87,300	87,300	0
6 AH-64 APACHE BLOCK IIIA REMAN	39,040	39,040	0
15 MQ-1 PAYLOAD	41,400	41,400	0
18 MULTI SENSOR ABN RECON	33,475	33,475	0
23 EMARSS SEMA MODS	36,000	36,000	0
27 COMMS, NAV SURVEILLANCE	4,289	4,289	0
33 CMWS	139,742	139,742	0
34 COMMON INFRARED COUNTERMEASURES	43,440	43,440	0
TOTAL, AIRCRAFT PROCUREMENT, ARMY	424,686	424,686	0
MISSILE PROCUREMENT, ARMY			
5 HELLFIRE	278,073	278,073	0
8 JAVELIN	8,112	8,112	0
9 TOW 2	3,907	3,907	0
11 GUIDED MLRS ROCKET	191,522	191,522	0
13 HIMARS	41,000	41,000	0
14 LMAMS Insufficient budget justification	8,669	6,969 -1,700	-1,700
18 STINGER MODS	28,000	28,000	0
TOTAL, MISSILE PROCUREMENT, ARMY	559,283	557,583	-1,700
PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY			
1 BRADLEY PROGRAM	200,000	200,000	0
2 ARMORED MULTI PURPOSE VEHICLE (AMPV)	253,903	253,903	0
6 BRADLEY PROGRAM MOD	30,000	30,000	0
8 PALADIN INTEGRATED MANAGEMENT (PIM)	125,736	125,736	0
14 M1 ABRAMS TANK MOD	138,700	138,700	0
15 ABRAMS UPGRADE PROGRAM	442,800	442,800	0
TOTAL, PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY	1,191,139	1,191,139	0

P-1	Budget Request	Committee Recommended	Change from Request
PROCUREMENT OF AMMUNITION, ARMY			
3 CTG, HANDGUN, ALL TYPES	5	5	0
4 CTG, .50 CAL, ALL TYPES	121	121	0
5 CTG, 20MM, ALL TYPES	1,605	1,605	0
7 CTG, 30MM, ALL TYPES	35,000	35,000	0
15 PROJ 15MM EXTENDED RANGE M982	23,234	23,234	0
16 ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALI	20,023	20,023	0
17 MINES AND CLEARING CHARGES, ALL TYPES	11,615	11,615	0
19 SHOULDER LAUNCHED MUNITIONS, ALL TYPES	25,000	25,000	0
20 ROCKET, HYDRA 70, ALL TYPES	75,820	75,820	0
24 SIGNALS, ALL TYPES	1,013	1,013	0
TOTAL, PROCUREMENT OF AMMUNITION, ARMY	193,436	193,436	0
OTHER PROCUREMENT, ARMY			
10 FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	25,874	25,874	0
12 HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV	38,628	38,628	0
14 MODIFICATION OF IN SVC EQUIP	64,647	64,647	0
15 MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODE	17,508	17,508	0
20 SIGNAL MODERNIZATION PROGRAM	4,900	4,900	0
41 TRACTOR RIDE	1,000	1,000	0
62 INSTALLATION INFO INFRASTRUCTURE MOD	2,500	2,500	0
68 DCGS-A	39,515	39,515	0
70 TROJAN	21,310	21,310	0
71 MOD OF IN-SVC EQUIP (INTEL SPT)	2,300	2,300	0
72 CI HUMINT AUTO REPORTING AND COLL (CHARCS)	14,460	14,460	0
75 BIOMETRIC TACTICAL COLLECTION DEVICES	5,180	5,180	0
FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIES	16,935	16,935	0
COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	18,874	18,874	0
84 NIGHT VISION DEVICES	377	377	0

P-1	Budget Request	Committee Recommended	Change from Request
85 SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	60	60	0
87 INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	57,500	57,500	0
93 MOD OF IN-SVC EQUIP (LLDR)	3,974	3,974	0
95 MORTAR FIRE CONTROL SYSTEM	2,947	2,947	0
98 AIR & MISSILE DEFENSE PLANNING & CONTROL	9,100	9,100	0
119 BASE DEFENSE SYSTEM	3,726	3,726	0
136 HEATERS AND ECU'S	270	270	0
142 FIELD FEEDING EQUIPMENT	145	145	0
CARGO AERIAL DELIVERY & PERSONNEL			
143 PARACHUTE SYSTEM	1,980	1,980	0
148 COMBAT SUPPORT MEDICAL	25,690	25,690	0
149 MOBILE MAINTENANCE EQUIPMENT SYSTEMS	1,124	1,124	0
153 HYDRAULIC EXCAVATOR	3,850	3,850	0
157 HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	1,932	1,932	0
164 GENERATORS AND ASSOCIATED EQUIPMENT	569	569	0
168 TRAINING DEVICES, NONSYSTEM	2,700	2,700	0
173 INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	7,500	7,500	0
176 RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	8,500	8,500	0
TOTAL, OTHER PROCUREMENT, ARMY	405,575	405,575	0
AIRCRAFT PROCUREMENT, NAVY			
27 STUASLO UAV	3,900	3,900	0
34 H-53 SERIES	950	950	0
35 SH-60 SERIES	15,382	15,382	0
37 EP-3 SERIES	7,220	7,220	0
47 SPECIAL PROJECT AIRCRAFT	19,855	19,855	0
51 COMMON ECM EQUIPMENT	75,530	75,530	0
62 QRC	15,150	15,150	0
64 SPARES AND REPAIR PARTS	18,850	18,850	0
66 AIRCRAFT INDUSTRIAL FACILITIES	463	463	0
TOTAL, AIRCRAFT PROCUREMENT, NAVY	157,300	157,300	0

P-1		Budget Request	Committee Recommended	Change from Request
WEAPONS PROCUREMENT, NAVY				
3	TOMAHAWK	100,086	81,630	-18,456
	Unit cost growth		-18,456	
7	STANDARD MISSILE	35,208	32,285	-2,923
	Unit cost growth		-2,923	
11	HELLFIRE	8,771	8,771	0
12	LASER MAVERICK	5,040	5,040	0
17	ESSM	1,768	1,768	0
35	SMALL ARMS AND WEAPONS	1,500	1,500	0
TOTAL, WEAPONS PROCUREMENT, NAVY		152,373	130,994	-21,379
PROCUREMENT OF AMMO, NAVY & MARINE CORPS				
1	GENERAL PURPOSE BOMBS	74,021	74,021	0
2	JDAM	106,941	106,941	0
3	AIRBORNE ROCKETS, ALL TYPES	1,184	1,184	0
7	AIR EXPENDABLE COUNTERMEASURES	15,700	15,700	0
8	JATOS	540	540	0
12	OTHER SHIP GUN AMMUNITION	13,789	12,045	-1,744
	JAVELIN unit cost growth		-1,744	
13	SMALL ARMS & LANDING PARTY AMMO	1,963	1,963	0
14	PYROTECHNIC AND DEMOLITION	765	765	0
16	AMMUNITION LESS THAN \$5 MILLION	866	866	0
20	MORTARS	1,290	1,290	0
23	DIRECT SUPPORT MUNITIONS	1,355	1,355	0
24	INFANTRY WEAPONS AMMUNITION	1,854	1,854	0
33	ARTILLERY MUNITIONS	5,319	5,319	0
TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS		225,587	223,843	-1,744
OTHER PROCUREMENT, NAVY				
25	UNDERWATER EOD PROGRAMS	12,348	12,348	0
32	STANDARD BOATS	18,000	18,000	0
46	SSN ACOUSTIC EQUIPMENT	43,500	43,500	0

P-1	Budget Request	Committee Recommended	Change from Request
78 NAVAL MISSION PLANNING SYSTEMS	2,550	2,550	0
80 TACTICAL/MOBILE C4I SYSTEMS	7,900	7,900	0
81 DCGS-N	6,392	6,392	0
101 CRYPTOLOGIC COMMUNICATIONS EQUIPMENT	2,280	2,280	0
119 AVIATION SUPPORT EQUIPMENT	29,245	29,245	0
121 SHIP MISSILE SUPPORT EQUIPMENT	2,436	2,436	0
126 EXPLOSIVE ORDNANCE DISPOSAL EQUIPMENT Joint CREW unit cost growth	31,970	19,895 -12,075	-12,075
132 GENERAL PURPOSE TRUCKS	496	496	0
134 FIRE FIGHTING EQUIPMENT	2,304	2,304	0
135 TACTICAL VEHICLES	2,336	2,336	0
141 SUPPLY EQUIPMENT	164	164	0
143 FIRST DESTINATION TRANSPORTATION	420	420	0
147 COMMAND SUPPORT EQUIPMENT	21,650	21,650	0
152 OPERATING FORCES SUPPORT EQUIPMENT	15,800	15,800	0
154 ENVIRONMENTAL SUPPORT EQUIPMENT	1,000	1,000	0
155 PHYSICAL SECURITY EQUIPMENT	15,890	15,890	0
161 SPARES AND REPAIR PARTS	1,178	1,178	0
999 CLASSIFIED PROGRAMS	2,200	2,200	0
TOTAL, OTHER PROCUREMENT, NAVY	220,059	207,984	-12,075
PROCUREMENT, MARINE CORPS			
6 HIGH MOBILITY ARTILLERY ROCKET SYSTEM Unit cost growth	5,360	5,124 -236	-236
11 JAVELIN Unit cost growth	2,833	2,529 -304	-304
12 FOLLOW ON TO SMAW Unjustified request	49	0 -49	-49
13 ANTI-ARMOR WEAPONS SYSTEM HEAVY (AAWS-H) Unit cost growth	5,024	4,460 -564	-564
17 REPAIR AND TEST EQUIPMENT	8,241	8,241	0
19 MODIFICATION KITS	750	750	0
20 ITEMS UNDER \$5 MILLION (COMM AND ELEC)	200	200	0

P-1	Budget Request	Committee Recommended	Change from Request
24 RQ-21 UAS	8,400	8,400	0
26 FIRE SUPPORT SYSTEM Unjustified request	50	0 -50	-50
27 INTELLIGENCE SUPPORT EQUIPMENT	3,000	3,000	0
37 COMMAND POST SYSTEMS	5,777	5,777	0
38 RADIO SYSTEMS	4,590	4,590	0
53 EOD SYSTEMS	21,000	21,000	0
TOTAL, PROCUREMENT, MARINE CORPS	65,274	64,071	-1,203
AIRCRAFT PROCUREMENT, AIR FORCE			
17 MQ-9 Transfer 12 aircraft to title III	271,080	72,968 -198,112	-198,112
33 C-17 RTIC procurement funding ahead of need	26,850	0 -26,850	-26,850
48 C-130J MODS	8,400	8,400	0
51 COMPASS CALL MODS	56,720	56,720	0
56 E-8	3,000	3,000	0
62 HC/MC-130 MODS PLS delayed contract award	153,080	148,100 -4,980	-4,980
63 OTHER AIRCRAFT	10,381	10,381	0
65 MQ-9 MODS	56,400	56,400	0
67 INITIAL SPARES/REPAIR PARTS	129,450	129,450	0
68 AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT	25,417	25,417	0
TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE	740,778	510,836	-229,942
MISSILE PROCUREMENT, AIR FORCE			
6 HELLFIRE	294,480	294,480	0
7 SMALL DIAMETER BOMB Price adjustment	90,920	77,220 -13,700	-13,700
11 AGM-65D MAVERICK	10,000	10,000	0
TOTAL, MISSILE PROCUREMENT, AIR FORCE	395,400	381,700	-13,700
SPACE PROCUREMENT, AIR FORCE			
10 MILSATCOM	2,256	2,256	0
TOTAL, SPACE PROCUREMENT, AIR FORCE	2,256	2,256	0

P-1		Budget Request	Committee Recommended	Change from Request
PROCUREMENT OF AMMUNITION, AIR FORCE				
1	ROCKETS	49,050	49,050	0
2	CARTRIDGES	11,384	11,384	0
6	JOINT DIRECT ATTACK MUNITION	390,577	390,577	0
15	FLARES	3,498	3,498	0
16	FUZES	47,000	47,000	0
TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE		501,509	501,509	0
OTHER PROCUREMENT, AIR FORCE				
1	PASSENGER CARRYING VEHICLES	3,855	3,855	0
4	CARGO AND UTILITY VEHICLES	1,882	1,882	0
5	SECURITY AND TACTICAL VEHICLES	1,100	1,100	0
6	SPECIAL PURPOSE VEHICLES	32,479	32,479	0
7	FIRE FIGHTING/CRASH RESCUE VEHICLES	22,583	22,583	0
8	MATERIALS HANDLING VEHICLES	5,353	5,353	0
9	RUNWAY SNOW REMOVAL & CLEANING EQUIP	11,315	11,315	0
10	BASE MAINTENANCE SUPPORT VEHICLES	40,451	40,451	0
13	INTERNATIONAL INTEL TECH & ARCHITECTURES	8,873	8,873	0
15	INTELLIGENCE COMM EQUIPMENT	2,000	2,000	0
16	AIR TRAFFIC CONTROL & LANDING SYSTEMS	56,500	56,500	0
19	THEATER AIR CONTROL SYSTEM IMPROVEMENTS	4,970	4,970	0
29	AIR FORCE PHYSICAL SECURITY SYSTEM	3,000	3,000	0
48	BASE COMM INFRASTRUCTURE	55,000	55,000	0
51	ITEMS LESS THAN \$5 MILLION	8,469	8,469	0
53	BASE PROCURED EQUIPMENT	7,500	7,500	0
54	ENGINEERING AND EOD EQUIPMENT	80,427	80,427	0
56	ITEMS LESS THAN \$5 MILLION	110,405	110,405	0
58	DARP RC-135	700	700	0
59	DCGS-AF	9,200	9,200	0

P-1	Budget Request	Committee Recommended	Change from Request
999 CLASSIFIED PROGRAMS	3,542,825	3,532,825	-10,000
Classified adjustment		-10,000	
TOTAL, OTHER PROCUREMENT, AIR FORCE	4,008,887	3,998,887	-10,000
PROCUREMENT, DEFENSE-WIDE			
8 TELEPORT PROGRAM	1,979	1,979	0
18 DEFENSE INFORMATION SYSTEMS NETWORK	12,000	12,000	0
999 CLASSIFIED PROGRAMS	43,653	43,653	0
46 MANNED ISR	15,900	15,900	0
47 MC-12	20,000	20,000	0
50 UNMANNED ISR	38,933	38,933	0
51 NON-STANDARD AVIATION	9,600	9,600	0
52 U-28	8,100	22,930	14,830
Program increase - combat loss replacement		14,830	
53 MH-47 CHINOOK	10,270	10,270	0
57 MQ-9 UAV	19,780	19,780	0
61 C-130 MODS	3,750	3,750	0
63 ORDNANCE ITEMS <\$5M	62,643	62,643	0
64 INTELLIGENCE SYSTEMS	12,000	12,000	0
69 TACTICAL VEHICLES	38,527	38,527	0
70 WARRIOR SYSTEMS <\$5M	20,215	12,715	-7,500
Program decrease - SOF deployable nodes		-7,500	
73 OPERATIONAL ENHANCEMENTS INTELLIGENCE	7,134	7,134	0
75 OPERATIONAL ENHANCEMENTS	193,542	178,927	-14,615
Program decrease - classified		-14,615	
TOTAL, PROCUREMENT, DEFENSE-WIDE	518,026	510,741	-7,285
NATIONAL GUARD & RESERVE EQUIPMENT			
RESERVE EQUIPMENT			
ARMY RESERVE	0	130,000	130,000
MISCELLANEOUS EQUIPMENT		130,000	
NAVY RESERVE	0	50,000	50,000
MISCELLANEOUS EQUIPMENT		50,000	
MARINE CORPS RESERVE	0	10,000	10,000
MISCELLANEOUS EQUIPMENT		10,000	

P-1	Budget Request	Committee Recommended	Change from Request
AIR FORCE RESERVE MISCELLANEOUS EQUIPMENT	0	150,000 150,000	150,000
TOTAL, RESERVE EQUIPMENT	0	340,000	340,000
NATIONAL GUARD EQUIPMENT			
ARMY NATIONAL GUARD MISCELLANEOUS EQUIPMENT	0	330,000 330,000	330,000
AIR NATIONAL GUARD MISCELLANEOUS EQUIPMENT	0	330,000 330,000	330,000
TOTAL, NATIONAL GUARD EQUIPMENT	0	660,000	660,000
TOTAL, NATIONAL GUARD & RESERVE EQUIPMENT	0	1,000,000	1,000,000
TOTAL PROCUREMENT	9,761,568	10,462,540	700,972

NATIONAL GUARD AND RESERVE EQUIPMENT

The Committee recommends \$1,000,000,000 for National Guard and Reserve Equipment. Of that amount, \$330,000,000 is for the Army National Guard; \$330,000,000 is for the Air National Guard; \$130,000,000 is for the Army Reserve; \$50,000,000 is for the Navy Reserve; \$10,000,000 is for the Marine Corps Reserve; and \$150,000,000 is for the Air Force Reserve to meet urgent equipment needs that may arise in the coming fiscal year.

This funding will allow the National Guard and reserve components to procure high priority equipment that may be used by these units for both their combat missions and their missions in support of state governors. The funding within this account is not to be used to procure equipment that has been designated as high density critical equipment, major weapon systems, aircraft, and other equipment central to a unit's ability to perform its doctrinal mission. The funding within this account is not to be used to procure equipment that should be purchased by the senior Service, to expand or accelerate current Service procurement plans, to purchase expendable items, or to purchase facilities or equipment for any requirement that can be satisfied elsewhere.

The Committee directs the Secretary of Defense to ensure that the National Guard and Reserve Equipment account shall be executed by the Chiefs of the National Guard and reserve components with priority consideration given to the following items: acoustic hailing devices, active electronically scanned array radars, advanced targeting pods, crashworthy ballistically tolerant auxiliary fuel systems, electromagnetic in-flight propeller balance systems, joint threat emitters, large aircraft infrared countermeasures, modular and self-contained ranges, satellite broadband for aircraft, training systems/simulators, unmanned systems for rapid emergency search and rescue support, unstabilized gunnery crew and small arms trainers, and wireless mobile mesh self-healing network systems.

PROCUREMENT, NATIONAL DEFENSE RESTORATION FUND

In addition to the amounts provided in the preceding table, the Committee recommends an additional \$6,000,000,000 for the Procurement, National Defense Restoration Fund, in order to replace and modernize the equipment of the military Services and Defense agencies. The Committee directs that the funding be used to meet the requirements necessary to implement the 2018 National Defense Strategy. The Secretary of Defense is directed to submit to the congressional defense committees a proposed allocation plan, including a detailed budget justification for the use of such funds and a description of how such investments are necessary to implement the strategy, not fewer than 30 days prior to making transfers from the fund. Transfers from the fund are subject to prior approval from the congressional defense committees.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The Committee recommends an additional appropriation of \$1,614,837,000 for Research, Development, Test and Evaluation.

The Committee recommendation for each research, development, test and evaluation account is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1	Budget Request	Committee Recommended	Change from Request
RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY			
55 AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	15,000	15,000	0
60 SOLDIER SUPPORT AND SURVIVABILITY	3,000	3,000	0
122 TRACTOR TIRE	5,000	5,000	0
125 COMMON INFRARED COUNTERMEASURES	21,540	21,540	0
133 AIRCRAFT SURVIVABILITY DEVELOPMENT	30,100	30,100	0
147 TROJAN - RH12	1,200	1,200	0
203 MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT	15,000	15,000	0
222 TACTICAL UAV	7,492	7,492	0
223 AIRBORNE RECONNAISSANCE SYSTEMS	15,000	15,000	0
228 BIOMETRICS ENABLED INTELLIGENCE	6,036	6,036	0
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY	119,368	119,368	0
RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY			
41 RETRACT LARCH Insufficient budget justification	22,000	16,500 -5,500	-5,500
81 TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM)	5,710	5,710	0
207 INTEGRATED SURVEILLANCE SYSTEM	11,600	11,600	0
211 CRYPTOLOGIC DIRECT SUPPORT	1,200	1,200	0
999 CLASSIFIED PROGRAMS	89,855	89,855	0
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY	130,365	124,865	-5,500
RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE			
29 SPACE CONTROL TECHNOLOGY	7,800	7,800	0
53 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	5,400	5,400	0
196 ISR INNOVATIONS Insufficient budget justification	5,750	0 -5,750	-5,750
214 AF OFFENSIVE CYBER OPERATIONS	4,000	4,000	0

R-1	Budget Request	Committee Recommended	Change from Request
999 CLASSIFIED PROGRAMS	112,408	127,308	14,900
Classified adjustment		14,900	
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE	135,358	144,508	9,150
RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE WIDE			
24 COMBATING TERRORISM TECHNOLOGY SUPPORT	25,000	25,000	0
253 OPERATIONAL ENHANCEMENTS	1,920	1,920	0
256 UNMANNED ISR	3,000	3,000	0
999 CLASSIFIED PROGRAMS	196,176	196,176	0
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE WIDE	226,096	226,096	0
TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION	611,187	614,837	3,650

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NATIONAL
DEFENSE RESTORATION FUND

In addition to the amounts provided in the preceding table, the Committee recommends \$1,000,000,000 for the Research, Development, Test and Evaluation, National Defense Restoration Fund, in order to fund such activities necessary to preserve and enhance the technological advantages of the military Services and Defense agencies, including emerging requirements deemed by the Secretary of Defense to be in the national security interest of the United States. The Committee directs that the funding be used to meet the requirements necessary to implement the 2018 National Defense Strategy. The Secretary of Defense is directed to submit to the congressional defense committees a proposed allocation plan, including a detailed budget justification for the use of such funds and a description of how such investments are necessary to implement the strategy, not fewer than 30 days prior to making transfers from the fund. Transfers from the fund are subject to prior approval from the congressional defense committees.

REVOLVING AND MANAGEMENT FUNDS

DEFENSE WORKING CAPITAL FUNDS

The Committee recommends an additional appropriation of \$148,956,000 for the Defense Working Capital Funds accounts. The Committee recommendation is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
WORKING CAPITAL FUND, ARMY	50,111	50,111	---
WORKING CAPITAL FUND, DEFENSE-WIDE	98,845	98,845	---
TOTAL, DEFENSE WORKING CAPITAL FUNDS	148,956	148,956	---

OTHER DEPARTMENT OF DEFENSE PROGRAMS

DEFENSE HEALTH PROGRAM

The Committee recommends an additional appropriation of \$395,805,000 for the Defense Health Program. The Committee recommendation is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
IN-HOUSE CARE	61,857	61,857	---
PRIVATE SECTOR CARE	331,968	331,968	---
CONSOLIDATED HEALTH SUPPORT	1,980	1,980	---
TOTAL, OPERATION AND MAINTENANCE	395,805	395,805	---

DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES, DEFENSE

The Committee recommends an additional appropriation of \$196,300,000 for Drug Interdiction and Counter-Drug Activities, Defense.

JOINT IMPROVISED-THREAT DEFEAT FUND

The Committee recommends an additional appropriation of \$483,058,000 for the Joint Improvised-Threat Defeat Fund. The Committee recommendation is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
RAPID ACQUISITION AND THREAT RESPONSE	483,058	483,058	-- --
TOTAL, JOINT IMPROVISED-THREAT DEFEAT FUND	483,058	483,058	-- --

OFFICE OF THE INSPECTOR GENERAL

The Committee recommends an additional appropriation of \$24,692,000 for the Office of the Inspector General.

GENERAL PROVISIONS

Title IX contains several general provisions, many of which extend or modify war-related authorities included in previous Acts. A brief description of the recommended provisions follows:

Section 9001 has been amended and provides that funds made available in this title are in addition to funds appropriated or otherwise made available for the Department of Defense for the current fiscal year.

Section 9002 provides for general transfer authority within title IX.

Section 9003 provides that supervision and administration costs associated with a construction project funded with appropriations available for operation and maintenance, Afghanistan Infrastructure Fund, or the Afghanistan Security Forces Fund may be obligated at the time a construction contract is awarded.

Section 9004 provides for the procurement of passenger motor vehicles and heavy and light armored vehicles for use by military and civilian employees of the Department of Defense in the United States Central Command area of responsibility.

Section 9005 provides funding for the Commanders' Emergency Response Program with certain limitations.

Section 9006 provides lift and sustainment to coalition forces supporting military and stability operations in Iraq and Afghanistan.

Section 9007 prohibits the establishment of permanent bases in Iraq or Afghanistan or United States control over Iraq oil resources.

Section 9008 prohibits the use of funding in contravention of the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Section 9009 limits the obligation of funding for the Afghanistan Security Forces Fund until certain conditions have been met.

Section 9010 provides for the purchase of items of a particular investment unit cost from funding made available for operation and maintenance.

Section 9011 provides security assistance to the Government of Jordan.

Section 9012 prohibits the use of funds to procure or transfer man-portable air defense systems.

Section 9013 has been amended and provides assistance and sustainment to the military and national security forces of Ukraine.

Section 9014 has been amended and provides replacement funds for items provided to the Government of Ukraine from the inventory of the United States.

Section 9015 has been amended and prohibits the use of funds to procure or transfer man-portable air defense systems to Ukraine.

Section 9016 restricts funds provided under the heading Operation and Maintenance, Defense-Wide for payments under Coalition Support Funds for reimbursement to the Government of Pakistan until certain conditions are met.

Section 9017 provides funds to the Department of Defense to improve intelligence, surveillance, and reconnaissance capabilities.

Section 9018 prohibits the use of funds with respect to Syria in contravention of the War Powers Resolution.

Section 9019 has been amended and provides for the rescission of \$587,613,000 from the following programs:

2017 Appropriations:

Operation and Maintenance, Defense-Wide:	
DSCA coalition support fund	\$350,000,000
Afghanistan Security Forces Fund:	
Afghanistan Security Forces fund	100,000,000
Counter-ISIL Train and Equip Fund:	
Counter-ISIL Train and Equip fund	112,513,000
Other Procurement, Air Force:	
Classified adjustment	25,100,000

Section 9020 is new and requires the President to designate Overseas Contingency Operations/Global War on Terrorism funds.

Section 9021 repeals the Authorization for the Use of Military Force, with certain conditions.

TITLE X

ADDITIONAL GENERAL PROVISIONS

The bill includes a spending reduction account as required by the Rules of the House.

HOUSE OF REPRESENTATIVES REPORTING REQUIREMENTS

The following items are included in accordance with various requirements of the Rules of the House of Representatives:

STATEMENT OF GENERAL PERFORMANCE GOALS AND OBJECTIVES

Pursuant to clause 3(c)(4) of rule XIII of the Rules of the House of Representatives, the following is a statement of general performance goals and objectives for which this measure authorizes funding:

The Committee on Appropriations considers program performance, including a program's success in developing and attaining outcome-related goals and objectives, in developing funding recommendations.

RESCISSIONS

Pursuant to clause 3(f)(2) of rule XIII of the Rules of the House or Representatives, the following table is submitted describing the rescissions recommended in the accompanying bill:

Aircraft Procurement, Navy, 2016/2018	\$274,000,000
Aircraft Procurement, Air Force, 2016/2018	82,700,000
Missile Procurement, Army, 2017/2019	19,319,000
Procurement of Weapons and Tracked Combat Vehicles, Army, 2017/2019	9,764,000
Other Procurement, Army, 2017/2019	10,000,000
Aircraft Procurement, Navy, 2017/2019	105,600,000
Weapons Procurement, Navy, 2017/2019	54,122,000
Shipbuilding and Conversion, Navy, 2017/2021	45,116,000
Aircraft Procurement, Air Force, 2017/2019	63,293,000
Missile Procurement, Air Force, 2017/2019	31,639,000
Space Procurement, Air Force, 2017/2019	15,000,000
Other Procurement, Air Force, 2017/2019	105,000,000
Research, Development, Test and Evaluation, Navy, 2017/2018 ...	34,128,000
Research, Development, Test and Evaluation, Air Force, 2017/ 2018	41,700,000
Department of Defense Acquisition Workforce Development Fund, Defense	10,000,000
Overseas Contingency Operations/Global War on Terrorism:	
Operation and Maintenance, Defense-Wide, 2017/2018	\$350,000,000
Afghanistan Security Forces Fund, 2017/2018	100,000,000
Counter-ISIL Train and Equip Fund, 2017/2018	112,513,000
Other Procurement, Air Force, 2017/2019	25,100,000

TRANSFER OF FUNDS

Pursuant to clause 3(f)(2) of rule XIII of the Rules of the House of Representatives, the following is submitted describing the transfer of funds provided in the accompanying bill.

Language has been included under "Operation and Maintenance, Defense-Wide" which provides for the transfer of funds for certain classified activities.

Language has been included under "Environmental Restoration, Army" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Environmental Restoration, Navy" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Environmental Restoration, Air Force" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Environmental Restoration, Defense-Wide" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Environmental Restoration, Formerly Used Defense Sites" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Operation and Maintenance, National Defense Restoration Fund" which provides for the transfer of funds to operation and maintenance appropriation accounts for the purpose of additional national defense requirements.

Language has been included under "Procurement, National Defense Restoration Fund" which provides for the transfer of funds to procurement appropriation accounts for the purpose of additional national defense requirements.

Language has been included under "Research, Development, Test and Evaluation, Defense-Wide" which provides for the transfer of funds for the Defense Rapid Innovation Program to appropriations for research, development, test and evaluation for specific purposes.

Language has been included under "Research, Development, Test and Evaluation, National Defense Restoration Fund" which provides for the transfer of funds to research, development, test and evaluation appropriation accounts for the purpose of additional national defense requirements.

Language has been included under "Drug Interdiction and Counter-Drug Activities, Defense" which provides for the transfer of funds to appropriations available to the Department of Defense for military personnel of the reserve components; for operation and maintenance; for procurement; and for research, development, test and evaluation for drug interdiction and counter-drug activities of the Department of Defense.

Language has been included under “General Provisions, Sec. 8005” which provides for the transfer of working capital funds to other appropriations accounts of the Department of Defense for military functions.

Language has been included under “General Provisions, Sec. 8008” which provides for the transfer of funds between working capital funds and the “Foreign Currency Fluctuations, Defense” appropriation and the operation and maintenance appropriation accounts.

Language has been included under “General Provisions, Sec. 8015” which provides for the transfer of funds from the Department of Defense Pilot Mentor-Protégé Program to any other appropriation for the purposes of implementing a Mentor-Protégé Program development assistance agreement.

Language has been included under “General Provisions, Sec. 8051” which provides for the transfer of funds from “Operation and Maintenance, Defense-Wide” to appropriations available for the pay of military personnel in connection with support and services of eligible organizations and activities outside the Department of Defense.

Language has been included under “General Provisions, Sec. 8055” which provides for the transfer of funds from the Department of Defense to the Army, Navy, Marine Corps, and Air Force to support high priority Sexual Assault Prevention and Response Program requirements and activities.

Language has been included under “General Provisions, Sec. 8064” which provides for the transfer of funds from “Operation and Maintenance, Army” to other activities of the federal government.

Language has been included under “General Provisions, Sec. 8067” which provides for the transfer of funds from “Procurement, Defense-Wide” and “Research, Development, Test and Evaluation, Defense-Wide” for the Israeli Cooperative Programs.

Language has been included under “General Provisions, Sec. 8068” which provides for the transfer of funds under the heading “Shipbuilding and Conversion, Navy” to fund prior year shipbuilding cost increases.

Language has been included under “General Provisions, Sec. 8086” which provides for the transfer of funds from “Operation and Maintenance, Army”, “Operation and Maintenance, Navy”, and “Operation and Maintenance, Air Force” to the central fund established for Fisher Houses and Suites.

Language has been included under “General Provisions, Sec. 8087” which provides that funds appropriated by this Act may be made available for the purpose of making remittances to the Defense Acquisition Workforce Development Fund.

Language has been included under “General Provisions, Sec. 8090” which provides for the transfer of funds appropriated for operation and maintenance for the Defense Health Program to the Joint Department of Defense—Department of Veterans Affairs Medical Facility Demonstration Fund.

Language has been included under “General Provisions, Sec. 8093” which provides for the transfer of funds for the National Intelligence Program.

Language has been included under “General Provisions, Sec. 8117” which provides for the transfer of funds to support activities related to the Zika virus.

Language has been included under “General Provisions, Sec. 8121” which provides for the transfer of funds for pay for military personnel for purposes of fully funding the authorized military pay raise.

Language has been included under title IX “Military Personnel, National Defense Restoration Fund” which provides for the transfer of funds to military personnel appropriation accounts for the purpose of additional national defense requirements.

Language has been included under title IX “Operation and Maintenance, Navy” for the transfer of funds to the “Coast Guard Operating Expenses” account.

Language has been included under title IX “Operation and Maintenance, National Defense Restoration Fund” which provides for the transfer of funds to operation and maintenance appropriation accounts for the purpose of additional national defense requirements.

Language has been included under title IX “Procurement, National Defense Restoration Fund” which provides for the transfer of funds to procurement appropriation accounts for the purpose of additional national defense requirements.

Language has been included under title IX “Research, Development, Test and Evaluation, National Defense Restoration Fund” which provides for the transfer of funds to research, development, test and evaluation appropriation accounts for the purpose of additional national defense requirements.

Language has been included under title IX “Joint Improvised-Threat Defeat Fund” which provides for the transfer of funds to appropriations available to the Department of Defense for military personnel; for operation and maintenance; for procurement; for research, development, test and evaluation; and for defense working capital funds for purposes related to assisting United States forces in the defeat of improvised explosive devices.

Language has been included under “General Provisions, Sec. 9002” which provides for the authority to transfer funds between the appropriations or funds made available to the Department of Defense in title IX, subject to certain conditions.

Language has been included under “General Provisions, Sec. 9017” which provides for the transfer of funds to the operation and maintenance, military personnel, and procurement accounts, to improve the intelligence, surveillance, and reconnaissance capabilities of the Department of Defense.

EARMARK DISCLOSURE STATEMENT

Neither the bill nor the report contains any congressional earmarks, limited tax benefits, or limited tariff benefits as defined in Clause 9 of Rule XXI.

COMPLIANCE WITH RULE XIII, CL. 3(e)(RAMSEYER RULE)

In Compliance with clause 3(e) of rule XIII of the Rules of the House of Representatives, changes in existing law made by the

bill, as reported, are shown as follows (existing law proposed to be omitted is enclosed in black brackets):

AUTHORIZATION FOR USE OF MILITARY FORCE

Joint Resolution To authorize the use of United States Armed Forces against those responsible for the recent attacks launched against the United States.

【Whereas, on September 11, 2001, acts of treacherous violence were committed against the United States and its citizens; and

【Whereas, such acts render it both necessary and appropriate that the United States exercise its rights to self-defense and to protect United States citizens both at home and abroad; and

【Whereas, in light of the threat to the national security and foreign policy of the United States posed by these grave acts of violence; and

【Whereas, such acts continue to pose an unusual and extraordinary threat to the national security and foreign policy of the United States; and

【Whereas, the President has authority under the Constitution to take action to deter and prevent acts of international terrorism against the United States: Now, therefore, be it

【Resolved by the Senate and House of Representatives of the United States of America in Congress assembled,

【SECTION 1. SHORT TITLE.

【This joint resolution may be cited as the “Authorization for Use of Military Force”.

【SEC. 2. AUTHORIZATION FOR USE OF UNITED STATES ARMED FORCES.

【(a) IN GENERAL.—That the President is authorized to use all necessary and appropriate force against those nations, organizations, or persons he determines planned, authorized, committed, or aided the terrorist attacks that occurred on September 11, 2001, or harbored such organizations or persons, in order to prevent any future acts of international terrorism against the United States by such nations, organizations or persons.

【(b) WAR POWERS RESOLUTION REQUIREMENTS.—

【(1) SPECIFIC STATUTORY AUTHORIZATION.—Consistent with section 8(a)(1) of the War Powers Resolution, the Congress declares that this section is intended to constitute specific statutory authorization within the meaning of section 5(b) of the War Powers Resolution.

【(2) APPLICABILITY OF OTHER REQUIREMENTS.—Nothing in this resolution supercedes any requirement of the War Powers Resolution.】

CHANGES IN THE APPLICATION OF EXISTING LAW

Pursuant to clause 3(f)(1)(A) of rule XIII of the Rules of the House of Representatives, the following statements are submitted describing the effect of provisions in the accompanying bill which directly or indirectly change the application of existing law.

Language is included in various parts of the bill to continue ongoing activities which require annual authorization or additional legislation, which to date has not been enacted.

The bill includes a number of provisions which place limitations on the use of funds in the bill or change existing limitations and which might, under some circumstances, be construed as changing the application of law.

The bill includes a number of provisions which provide for the transfer of funds and which might, under some circumstances, be construed as changing the application of law.

The bill includes a number of provisions, which have been virtually unchanged for many years that are technically considered legislation.

The bill provides that appropriations shall remain available for more than one year for some programs for which the basic authorizing legislation does not presently authorize each extended availability.

In various places in the bill, the Committee has allocated funds within appropriation accounts in order to fund specific programs.

Language is included in various accounts placing a limitation on funds for emergencies and extraordinary expenses.

Language is included in that provides for the National Defense Restoration Fund funding and authority to implement the 2018 National Defense Strategy, subject to certain requirements.

Language is included that provides not more than \$15,000,000 for the Combatant Commander Initiative Fund.

Language is included that provides not less than \$38,458,000 for the Procurement Technical Assistance Cooperative Agreement Program, of which not less than \$3,600,000 shall be available for centers.

Language is included that prohibits the consolidation of certain legislative affairs or liaison offices.

Language is included that makes available \$9,385,000 for certain classified activities, allows such funds to be transferred between certain accounts, and exempts such funds from the investment item unit cost ceiling.

Language is included that makes funds available to provide support to foreign security forces and other groups, and makes a portion of the funds available for two years.

Language is included that limits the use of funds for official representation purposes under the heading "United States Court of Appeals for the Armed Forces".

Language is included that provides for specific construction, acquisition, or conversion of vessels under the heading "Shipbuilding and Conversion, Navy".

Language is included that provides for the incurring of additional obligations for certain activities under the heading "Shipbuilding and Conversion, Navy".

Language is included that prohibits the use of funds provided under the heading "Shipbuilding and Conversion, Navy" for the construction of any naval vessel, or the construction of major components for the construction or conversion of any naval vessel, in foreign facilities or shipyards.

Language is included that allows funds to be available for multiyear procurement of critical components to support the common missile compartment of nuclear-powered vessels.

Language is included under the heading “Research, Development, Test and Evaluation, Navy” that provides funds for certain activities related to the V-22.

Language is included under the heading “Research, Development, Test and Evaluation, Defense-Wide” that provides \$250,000,000 for the Defense Rapid Innovation Program and provides for the transfer of funds subject to certain requirements.

Language is included that specifies the use of certain funds provided under the heading “Defense Health Program”.

Language is included that provides that not less than \$8,000,000 of funds provided under the heading “Defense Health Program” shall be available for WV/AIDS prevention educational activities.

Language is included that provides for the carry-over of no more than one percent of operation and maintenance funds provided under the heading “Defense Health Program”.

Language is included under the heading “Defense Health Program” that provides that not less than \$627,100,000 shall be made available to the U.S. Army Medical Research and Materiel Command to carry out congressionally directed medical research programs.

Language is included that specifies the use of certain funds provided under the heading “Chemical Agents and Munitions Destruction, Defense”.

Language is included that specifies the use of certain funds provided under the heading “Drug-Interdiction and Counter-Drug Activities, Defense”.

Language is included that provides that no funds made available in this Act may be used for publicity or propaganda purposes not authorized by Congress.

Language is included that provides for conditions and limitations on the payment of compensation to, or employment of, foreign nationals.

Language is included that provides that no funds made available in this Act may be obligated beyond the end of the fiscal year unless expressly provided for in this Act.

Language is included that limits the obligation of certain funds during the last two months of the fiscal year to no more than 20 percent with certain exceptions.

Language is included that provides for incorporation of project level adjustments specified in tables included in this report.

Language is included that provides for the establishment of a baseline for application of reprogramming and transfer authorities for fiscal year 2017 and prohibits reprogramming and transfers, with certain exceptions, until after submission of a report.

Language is included that provides for limitations on the use and transfer of working capital fund cash balances.

Language is included that prohibits the use of funds appropriated by this Act to initiate a special access program without prior notification to the congressional defense committees.

Language is included that provides limitations and conditions on the use of funds provided in this Act to initiate multi-year contracts.

Language is included that provides for the use and obligation of funds for humanitarian and civic assistance costs under chapter 20 of title 10, United States Code.

Language is included that provides that civilian personnel of the Department of Defense may not be managed on the basis of end strength or be subject to end strength limitations, sets forth certain requirements related to end strength for the budget submission, and requires that Department of Army Science and Technology Re-invention Laboratories be managed based on the available budget.

Language is included that prohibits funds made available in this Act from being used to influence congressional action on matters pending before the Congress.

Language is included that prohibits the use of funds to pay compensation to any member of the Army participating as a full-time student and receiving benefits from the Education Benefits Fund when time spent as a full-time student is counted toward that member's service commitment, with certain exceptions.

Language is included that provides for the transfer of funds appropriated in title III of this Act for the Department of Defense Pilot Mentor-Protégé Program.

Language is included that provides for the Department of Defense to purchase anchor and mooring chains manufactured only in the United States.

Language is included that prohibits the use of funds made available to the Department of Defense to demilitarize or destroy surplus firearms or small arms ammunition except under certain circumstances.

Language is included that provides a limitation on the use of funds for the relocation of any Department of Defense entity into or within the National Capital Region.

Language is included that provides for incentive payments authorized by section 504 of the Indian Financing Act of 1974 (25 U.S.C. 1544).

Language is included that provides that no funds made available by this Act for the Defense Media Activity may be used for national or international political or psychological activities.

Language is included that provides for the obligation of funds for purposes specified in section 2350j(c) of title 10, United States Code.

Language is included that provides funding for the Civil Air Patrol Corporation.

Language is included that prohibits the use of funds appropriated in this Act to establish a new federally funded research and development center (FFRDC), pay compensation to certain individuals associated with an FFRDC, construct certain new buildings not located on military installations, or increase the number of staff years for defense FFRDCs beyond a specified amount.

Language is included that provides for the Department of Defense to procure carbon, alloy, or armor steel plate melted and rolled only in the United States or Canada.

Language is included that defines congressional defense committees for the purposes of this Act.

Language is included that provides for competitions between private firms and Department of Defense Depot Maintenance Activities for modification, depot maintenance, and repair of aircraft, vehicles, and vessels, as well as the production of components and other Defense-related articles.

Language is included that provides for revocation of blanket waivers of the Buy America Act upon a finding that a country has violated a reciprocal trade agreement by discriminating against products produced in the United States that are covered by the agreement.

Language is included that provides for the availability of funds for the Department of Defense Overseas Military Facility Investment Recovery Account established by section 2921(c)(1) of the 1991 National Defense Authorization Act.

Language is included that provides for the conveyance, without consideration, of excess relocatable housing units located at Grand Forks, Malmstrom, Mountain Home, Ellsworth, and Minot Air Force Bases to Indian tribes.

Language is included that provides for the availability of operation and maintenance appropriations to purchase items having an investment item unit cost of not more than \$250,000.

Language is included that prohibits funds from being used to disestablish, close, downgrade, or place on probation a Senior Reserve Officers' Training Corps program.

Language is included that provides for the issuance of regulations placing certain limitations on the sale of tobacco products in military resale outlets.

Language is included that limits the purchase of specified investment items with Working Capital Funds.

Language is included that provides that none of the funds appropriated for the Central Intelligence Agency shall remain available for obligation beyond the current fiscal year except for funds appropriated for the Reserve for Contingencies, the Central Services Working Capital Fund, or other certain programs authorized under section 503 of the National Security Act of 1947.

Language is included that provides that funds made available for the Defense Intelligence Agency may be used for intelligence communications and intelligence information systems for the Services, the Unified and Specified Commands, and the component commands.

Language is included that provides that not less than \$12,000,000 appropriated under the heading "Operation and Maintenance, Defense-Wide" shall be for mitigation of environmental impacts on Indian lands resulting from Department of Defense activities.

Language is included that provides for the Department of Defense to comply with the Buy American Act (chapter 83 of title 41, United States Code).

Language is included that limits the use of funds made available in this Act to establish or support field operating agencies.

Language is included that limits the use of funds appropriated by this Act for the conversion of an activity or function of the Department of Defense to contractor performance.

Language is included in title VIII and title IX that provides for the rescission of previously appropriated funds.

Language is included that prohibits the use of funds made available in this Act from being used to reduce authorized positions for military technicians (dual status) of the Army National Guard, Air National Guard, Army Reserve, and Air Force Reserve unless such reductions are a direct result of a reduction in military force structure.

Language is included that prohibits the use of funds made available in this Act for assistance to the Democratic People's Republic of Korea unless specifically appropriated for that purpose.

Language is included that provides for the use of operation and maintenance funds appropriated in this Act for reimbursement to the National Guard and reserve when members of the National Guard and reserve provide intelligence or counterintelligence support to the Combatant Commands, Defense Agencies, and Joint Intelligence Activities.

Language is included that provides that funds made available to the Department of Defense and Central Intelligence Agency for drug interdiction and counter-drug activities may not be transferred to other agencies except as specifically provided in an appropriations law.

Language is included that prohibits the use of funds appropriated by this Act for the procurement of ball and roller bearings other than those produced by a domestic source and of domestic origin.

Language is included that places conditions on the use of funds made available by this Act for Evolved Expendable Launch Vehicle service competitive procurements.

Language is included to provide funding to make grants to specified entities upon determination by the Secretary of Defense that such grants serve the national interest.

Language is included that provides for the Department of Defense to purchase supercomputers manufactured only in the United States with an exception for certain circumstances.

Language is included to allow for Small Business Innovation Research program and Small Business Technology Transfer program set-asides.

Language is included that prohibits the use of funds made available in this Act to pay contractor bonuses arising from a business restructuring.

Language is included that provides for the transfer of funds to be used in support of personnel supporting approved organizations and activities outside the Department of Defense.

Language is included that provides for the Department of Defense to dispose of negative unliquidated or unexpended balances for expired or closed accounts.

Language is included that provides conditions for the use of equipment of the National Guard Distance Learning Project on a space-available, reimbursable basis.

Language is included that prohibits the use of funds to modify command and control relationships affecting Navy forces assigned to the Pacific Fleet unless certain notifications are provided.

Language is included that provides for the use of funds made available under the heading “Operation and Maintenance, Defense-Wide” for high priority Sexual Assault Prevention and Response program requirements, including the transfer of funds.

Language is included that provides a limitation on the use of funds appropriated in title IV to procure end-items for delivery to military forces for operational training, operational use, or inventory requirements.

Language is included that provides for a waiver by the Secretary of Defense of “Buy America” provisions for certain cooperative programs.

Language is included that prohibits the use of funds made available in this Act for repairs or maintenance to military family housing units, for which funds are provided in other appropriations acts.

Language is included that provides that funds for new starts for advanced concept technology demonstration projects may be obligated or expended only after notification to the congressional defense committees.

Language is included that provides that the Secretary of Defense shall continue to provide a classified quarterly report on certain matters as directed in the classified annex accompanying this Act.

Language is included that provides for the use of National Guard personnel to support ground-based elements of the National Ballistic Missile Defense System.

Language is included that prohibits the use of funds provided in this Act to transfer to any nongovernmental entity ammunition held by the Department of Defense that has a center—fire cartridge and is designated as “armor piercing” except for demilitarization purposes.

Language is included that provides for a waiver by the Chief of the National Guard Bureau or his designee for all or part of consideration in cases of personal property leases of one year or less to certain organizations specified by section 508(d) of title 32, United States Code.

Language is included that provides for the transfer of funds made available in this Act under the heading “Operation and Maintenance, Army” to other activities of the Federal Government for certain purposes.

Language is included that prohibits the modification of the appropriations account structure or presentation of the budget request for the National Intelligence Program, or modification of the process by which National Intelligence Program appropriations are apportioned, allotted, obligated, and disbursed.

Language is included that provides grant authority for the construction and furnishing of additional Fisher Houses to meet the needs of military family members when confronted with the illness or hospitalization of an eligible military beneficiary.

Language is included that provides funding and transfer authority for the Israeli Cooperative missile defense programs.

Language is included that provides for the availability and transfer of funds to properly complete prior year shipbuilding programs.

Language is included that provides that funds made available by this Act are deemed to be specifically authorized by Congress for purposes of section 504 of the National Security Act of 1947 until enactment of the Intelligence Authorization Act.

Language is included that prohibits the use of funds provided in this Act to initiate a new start program without prior written notification.

Language is included that provides that the budget of the President for fiscal year 2019 shall include separate budget justification documents for costs of the United States Armed Forces' participation in contingency operations that contain certain budget exhibits as defined in the Department of Defense Financial Management Regulation.

Language is included that prohibits the use of funds made available in this Act for the research, development, test, evaluation, procurement, or deployment of nuclear armed interceptors of a missile defense system.

Language is included that reduces the total amount of funding in this Act to reflect savings due to favorable foreign exchange rates.

Language is included that prohibits the use of funds made available in this Act to reduce or disestablish the operation of the 53rd Weather Reconnaissance Squadron of the Air Force Reserve.

Language is included that prohibits the use of funds made available in this Act for the integration of foreign intelligence information unless the information has been lawfully collected and processed during conduct of authorized foreign intelligence activities.

Language is included that prohibits the transfer of program authorities related to tactical unmanned aerial vehicles from the Army.

Language is included that limits the obligation authority of funds provided for the Office of the Director of National Intelligence to the current fiscal year except for research and technology which shall remain available for the current and the following fiscal years.

Language is included that provides for the adjustment of obligations within the "Shipbuilding and Conversion, Navy" appropriation.

Language is included that prohibits the reprogramming or transfer of funds provided in this Act for the National Intelligence Program until the Director of National Intelligence submits a baseline for application of reprogramming and transfer authorities.

Language is included that prohibits the use of funds made available by this Act to eliminate, restructure, realign, or reduce certain Army Contracting Command sites without prior notification to the congressional defense committees.

Language is included that provides for the rescission of certain excess cash balances.

Language is included that prohibits the use of funds made available by this Act for excess defense articles, assistance, or peacekeeping operations for countries designated to be in violation of the standards of the Child Soldiers Prevention Act of 2008.

Language is included that sets forth reprogramming and transfer procedures for the National Intelligence Program.

Language is included that provides that the Director of National Intelligence shall submit budget exhibits identifying the future-years intelligence program.

Language is included that defines the congressional intelligence committees for the purposes of this Act.

Language is included that provides that funds from certain operation and maintenance accounts may be transferred to a central fund established for Fisher Houses and Suites pursuant to section 2493(d) of title 10, United States Code.

Language is included that provides that funds appropriated by this Act may be used for making remittances and transfers to the Defense Acquisition Workforce Development Fund.

Language is included that provides that agencies post congressionally directed reports on a public website.

Language is included that provides limitations on the award of contracts to contractors that require mandatory arbitration for certain claims as a condition of employment or a contractual relationship. The Secretary of Defense is authorized to waive the applicability of these limitations for national security interests.

Language is included that provides for the availability and transfer of funds for the Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund.

Language is included that prohibits the use of funds in contravention of section 130h of title 10, United States Code.

Language is included that provides for the purchase of heavy and light armored vehicles for physical security or force protection purposes.

Language is included that provides transfer authority for the Director of National Intelligence for the National Intelligence Program subject to certain limitations.

Language is included that prohibits funds to transfer or release certain individuals detained at Guantanamo Bay, Cuba into the United States, its territories, or possessions.

Language is included that prohibits the use of funds to construct, acquire, or modify any facility in the United States, its territories, or possessions to house individuals detained at Guantanamo Bay, Cuba.

Language is included that prohibits the use of funds to transfer any individual detained at Guantanamo Bay, Cuba to the custody or control of the individual's country of origin, any other foreign country, or any other foreign entity except in accordance with sections 1034 of the National Defense Authorization Act for Fiscal Year 2016 and 1034 of the National Defense Authorization Act for Fiscal Year 2017.

Language is included that prohibits the use of funds in contravention of the War Powers Resolution (50 U.S.C. 1541).

Language is included that prohibits the Department of Defense from entering into certain agreements with Rosoboronexport with certain waiver authorities.

Language is included that prohibits the use of funds for the purchase or manufacture of a United States flag unless such flag is

treated as a covered item. under section 2533a(b) of title 10, United States Code.

Language is included that provides for the availability of funds for ex gratia payments in certain circumstances subject to certain conditions.

Language is included that prohibits the use of funds to reduce or prepare to reduce the number of deployed and non-deployed strategic delivery vehicles and launchers below certain authorized levels.

Language is included that requires grant awards to be posted on a public website in a searchable format.

Language is included that prohibits the use of funds for the performance of a flight demonstration team at a location outside the United States if a performance at a location within the United States was canceled during the current fiscal year due to insufficient funding.

Language is included that prohibits the use of funds by the National Security Agency for certain activities.

Language is included that prohibits the use of funds to implement the Arms Trade Treaty until the Senate approves a resolution of ratification.

Language is included that prohibits the use of funds made available in this or any other Act to pay the salary of any officer or employee who approves or implements the transfer of certain administrative responsibilities or budgetary resources unless expressly provided for in Defense Appropriations Acts.

Language is included that requires certain notification on the use of funds for activities authorized under section 1208 of the National Defense Authorization Act for Fiscal Year 2005, with a waiver for exigent circumstances.

Language is included that prohibits the use of funds with respect to Iraq in contravention of the War Powers Resolution (50 U.S.C. 1541).

Language is included that prohibits the use of funds to award a new contract for the T-AO Fleet Oiler or the Towing, Salvage, and Rescue Ships programs except under certain circumstances.

Language is included that reduces the amount of funds appropriated in title II of this Act due to excess cash balances in the Department of Defense Working Capital Funds.

Language is included that reduces the amount of funds appropriated in title II of this Act due to lower than anticipated fuel costs.

Language is included that prohibits the use of funds made available by this Act to pay Government Travel Charge Card expenses for gaming or certain entertainment activities.

Language is included that prohibits the use of funds may available by this Act to propose, plan for, or execute a new base realignment and closure round.

Language is included that makes available funds provided under the heading "Operation and Maintenance, Navy" for purposes related to the National Defense Reserve Fleet.

Language is included that provides for a limitation on the use of funds made available by this Act for the Joint Surveillance Target Attack Radar System recapitalization program.

Language is included that prohibits the use of funds made available in this to carry out the closure or realignment of United States Naval Station, Guantanamo Bay, Cuba.

Language is included providing for the availability and transfer of additional readiness funds made available to the Services in title II of this Act for activities related to the Zika virus.

Language is included that prohibits funding for computer networks that do not block pornography, subject to certain law enforcement and national defense exceptions.

Language is included that prohibits the transfer of Department of Defense funds for certain purposes except in accordance with reprogramming and transfer procedures.

Language is included that prohibits the use of Defense Acquisition Workforce Developments funds for certain purposes.

Language is included that provides additional funds for military personnel accounts and provides transfer authority to such accounts.

Language is included that provides additional funds for purposes of repairing schools on military installations subject to certain requirements.

Language is included that prohibits the use of funds to implement changes to certain Department of Defense regulations.

Language is included under the heading “Afghanistan Security Forces Fund” that provides for the use of funds for certain purposes and the management of contributions and returned items.

Language is included under the heading “Counter-ISIL Train and Equip Fund” that provides for the use of funds for certain purposes, compliance with vetting standards, management of contributions, and the submission of certain reports.

Language is included under the heading “National Guard and Reserve Equipment Account” providing for the procurement of certain items and the submission of modernization priority assessments.

Language is included under the heading “Joint Improvised-Threat Defeat Fund” that makes funds available for certain purposes notwithstanding any other provision of law and provides for transfers to other accounts.

Language is included that provides that funds made available in title IX are in addition to amounts appropriated or otherwise made available for the Department of Defense for the current fiscal year.

Language is included that provides for supervision and administration costs for construction projects associated with overseas contingency operations.

Language is included that provides for the availability of funds to purchase passenger, heavy, and light armored vehicles notwithstanding price or other limitations on the purchase of passenger carrying vehicles for use in the U.S. Central Command area of responsibility.

Language is included that provides funds and authority for the Commanders’ Emergency Response Program and establishes certain reporting requirements.

Language is included that authorizes the use of funds to provide certain assistance to coalition forces supporting military and stability operations in Afghanistan and to counter the Islamic State

of Iraq and the Levant, and establishes certain reporting requirements.

Language is included that prohibits the use of funds to establish permanent bases in Iraq or Afghanistan.

Language is included that prohibits the use of funds in contravention of certain laws or regulations promulgated to implement the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Language is included that places limitations on the use of Afghanistan Security Forces Funds and requires certain certifications.

Language is included that provides for the availability of funds appropriated in title IX of this Act for the purchase of items having an investment unit cost of up to \$500,000, subject to certain conditions.

Language is included that provides for up to \$500,000,000 of funds appropriated by this Act under the heading "Operation and Maintenance, Defense-Wide" to be used for assistance to the Government of Jordan for certain purposes.

Language is included prohibiting the use of funds made available by this Act under the heading "Counter-Islamic State of Iraq and the Levant Train and Equip Fund" to procure or transfer man-portable air defense systems.

Language is included that provides for \$150,000,000 for assistance to the military and national security forces of Ukraine for certain purposes and under certain conditions.

Language is included providing for the availability of funds appropriated in title IX for replacement of items provided to the Government of Ukraine from the inventory of the United States to the extent provided for in this Act.

Language is included prohibiting the use of funds made available by this Act for assistance to Ukraine to procure or transfer man-portable air defense systems.

Language is included that places limitations on the use of Coalition Support Funds under the heading "Operation and Maintenance, Defense-Wide" in title IX for the Government of Pakistan.

Language is included that provides for additional funds and transfer authority to improve the intelligence, surveillance, and reconnaissance capabilities of the Department of Defense, subject to a reporting requirement.

Language is included that prohibits the use of funds with respect to Syria in contravention of the War Powers Resolution (50 U.S.C. 1541).

Language is included that rescinds certain funds made available in prior years in title IX.

Language is included that provides that amounts designed in this Act as Overseas Contingency Operations/Global War on Terrorism shall be available only if the President subsequently so designates all such amounts and transmits such designations to the Congress.

Language is included that sets the amount by which subcommittee allocation exceeds the amount of proposed new budget authority at \$0.

Language is included that changes certain time limitations on embryo cryopreservation and storage.

Language is included that repeals the Authorization for the Use of Military Force, with certain conditions.

APPROPRIATIONS NOT AUTHORIZED BY LAW

Pursuant to clause 3(f)(1) to rule XIII of the Rules of the House of Representatives, the following table lists the appropriations in the accompanying bill which are not authorized by law:

[In thousands of dollars]

Agency/Program	Last year of authorization	Authorization Level	Appropriations		2018	2018
			in last year of authorization	Appropriations in this bill 2018	compared to 2016	compared to 2017
DEPARTMENT OF DEFENSE						
Military Personnel, Army	2017	(1)	40,042,962	41,427,054	381,492	1,384,092
Military Personnel, Navy	2017	(1)	27,889,405	28,707,918	872,735	818,513
Military Personnel, Marine Corps	2017	(1)	12,735,182	13,165,714	306,562	430,532
Military Personnel, Air Force	2017	(1)	27,958,795	28,738,320	1,059,254	779,525
Reserve Personnel, Army	2017	(1)	4,524,863	4,721,128	257,964	196,265
Reserve Personnel, Navy	2017	(1)	1,921,045	1,987,662	120,771	66,617
Reserve Personnel, Marine Corps	2017	(1)	744,795	762,793	60,312	17,998
Reserve Personnel, Air Force	2017	(1)	1,725,526	1,808,434	125,492	82,908
National Guard Personnel, Army	2017	(1)	7,899,423	8,252,426	360,099	353,003
National Guard Personnel, Air Force	2017	(1)	3,283,982	3,406,137	204,247	122,155
Operation and Maintenance, Army	2017	33,832,274	32,738,173	38,483,846	6,084,406	5,745,673
Operation and Maintenance, Navy	2017	39,991,281	38,552,017	45,980,133	6,379,961	7,428,116
Operation and Maintenance, Marine Corps	2017	6,139,608	5,676,152	6,885,884	1,167,810	1,209,732
Operation and Maintenance, Air Force	2017	37,337,656	36,247,724	38,592,745	2,865,288	2,345,021
Operation and Maintenance, Defense-Wide	2017	32,686,679	32,373,949	33,771,769	1,666,729	1,397,820
Operation and Maintenance, Army Reserve	2017	2,733,831	2,743,688	2,870,163	223,252	126,475
Operation and Maintenance, Navy Reserve	2017	908,456	929,656	1,038,507	40,026	108,661
Operation and Maintenance, Marine Corps Reserve	2017	270,533	271,133	282,337	7,811	11,204
Operation and Maintenance, Air Force Reserve	2017	3,010,929	3,069,229	3,233,745	252,977	164,516
Operation and Maintenance, Army National Guard	2017	6,853,005	6,861,478	7,275,820	690,337	414,342
Operation and Maintenance, Air National Guard	2017	6,634,178	6,615,095	6,735,930	-84,639	120,835
United States Court of Appeals for the Armed Forces	2017	14,194	14,194	14,538	460	344
Environmental Restoration, Army	2017	170,167	170,167	215,809	-19,020	45,642
Environmental Restoration, Navy	2017	281,762	289,262	298,915	-11,065	-347
Environmental Restoration, Air Force	2017	371,521	371,521	388,749	-59,382	-62,772
Environmental Restoration, Defense-Wide	2017	9,009	9,009	9,002	770	-7
Environmental Restoration, Formerly Used Defense Sites	2017	197,084	222,084	233,673	2,456	11,589
Overseas Humanitarian, Disaster, and Civic Aid	2017	105,125	123,125	107,900	4,834	-15,225
Cooperative Threat Reduction Account	2017	325,604	325,604	324,600	-33,896	-1,004
Aircraft Procurement, Army	2017	3,614,787	4,587,598	4,456,533	-1,409,834	-131,065
Missile Procurement, Army	2017	1,510,129	1,533,804	2,581,600	980,843	1,047,796
Procurement of Weapons and Tracked Combat Vehicles, Army	2017	2,351,077	2,229,455	3,556,175	1,604,829	1,326,720
Procurement of Ammunition, Army	2017	1,514,803	1,483,568	1,811,808	566,382	328,242
Other Procurement, Army	2017	5,835,664	6,147,328	6,356,044	637,233	208,716
Aircraft Procurement, Navy	2017	13,951,776	16,135,335	17,908,270	387,061	1,772,935
Weapons Procurement, Navy	2017	3,187,490	3,265,285	3,387,826	338,284	122,541
Procurement of Ammunition, Navy and Marine Corps	2017	657,268	633,678	735,651	83,731	101,973
Shipbuilding and Conversion, Navy	2017	18,880,570	21,156,886	21,503,726	2,799,187	346,840
Other Procurement, Navy	2017	6,258,930	6,308,919	7,852,952	1,368,695	1,544,033
Procurement, Marine Corps	2017	1,358,444	1,307,456	1,818,846	632,034	511,390
Aircraft Procurement, Air Force	2017	13,835,617	14,253,623	16,553,196	796,343	2,299,573
Missile Procurement, Air Force	2017	2,415,869	2,348,121	2,203,101	-709,030	-145,020
Space Procurement, Air Force	2017	2,825,843	2,733,243	3,210,355	398,196	477,112
Procurement of Ammunition, Air Force	2017	1,671,719	1,589,219	1,316,977	-428,016	-272,242
Other Procurement, Air Force	2017	17,422,756	17,768,224	19,318,814	1,006,932	1,550,590
Procurement, Defense-Wide	2017	4,879,918	4,881,022	5,239,239	-6,194	358,217
Research, Development, Test and Evaluation, Army	2017	7,528,690	8,332,965	9,674,222	2,108,895	1,341,257
Research, Development, Test and Evaluation, Navy	2017	17,078,663	17,214,530	17,965,210	-152,467	750,680
Research, Development, Test and Evaluation, Air Force	2017	28,057,601	27,788,548	33,874,980	6,657,832	6,086,432
Research, Development, Test and Evaluation, Defense-Wide	2017	18,266,676	18,778,550	20,698,353	2,002,398	1,919,803
Operational Test and Evaluation, Defense	2017	178,994	186,994	210,900	22,342	23,906
Defense Working Capital Funds	2017	1,371,613	1,561,613	1,586,596	-152,172	24,983
National Defense Sealift Fund	2017	0	0	0	-474,164	0
Defense Health Program	2017	33,093,916	33,781,270	33,931,566	1,602,076	150,296
Chemical Agents and Munitions Destruction, Defense	2017	551,023	523,726	961,732	261,911	438,006
Drug Interdiction and Counter-Drug Activities, Defense	2017	719,800	998,800	854,814	-195,784	-143,986
Joint Improvised Explosive Device Defeat Fund	2017	394,800	339,472	0	-349,464	-339,472
Office of the Inspector General	2017	322,035	312,035	336,887	24,328	24,852
Central Intelligence Agency Retirement and Disability System Fund	2017	N/A	514,000	514,000	0	0
Intelligence Community Management Account	2017	N/A	515,596	522,100	16,894	6,504
Title IX - Overseas Deployments and Other Activities	2017	58,343,873	61,822,000	73,934,000	15,296,000	12,112,000
National Guard and Reserve Equipment	2017	250,000	750,000	1,000,000	0	250,000

1/ The FY 2017 National Defense Authorization Act authorizes \$134,569,472,000 for military personnel.
Note: The bill includes several transfers of funds which may or may not be specifically authorized in law.

COMPARISON WITH THE BUDGET RESOLUTION

Clause 3(c)(2) of rule XIII of the Rules of the House of Representatives requires an explanation of compliance with section 308(a)(1)(A) of the Congressional Budget and Impoundment Control Act of 1974 (Public Law 93–344), as amended, which requires that the report accompanying a bill providing new budget authority contain a statement detailing how that authority compares with the reports submitted under section 302 of the Act for the most recently agreed to concurrent resolution on the budget for the fiscal year from the Committee’s section 302(a) allocation. This information follows:

[In millions of dollars]

	302(b) Allocation		This Bill	
	Budget Authority	Outlays	Budget Authority	Outlays
Discretionary:				
General Purpose	584,181	553,845	584,181	¹ 553,845
Global War on Terrorism ²	73,934	38,704	73,934	38,704
Mandatory	514	514	514	514

¹ Includes outlays from prior-year budget authority.² Overseas Contingency Operations/Global War on Terrorism.

FIVE-YEAR OUTLAY PROJECTIONS

In compliance with section 308(a)(1)(B) of the Congressional Budget and Impoundment Control Act of 1974 (Public Law 93–344), as amended, the following table contains five-year projections associated with the budget authority provided in the accompanying bill.

[In millions of dollars]

	Non-GWOT	GWOT
2018	¹ 343,102	¹ 38,704
2019	134,613	19,080
2020	52,075	8,550
2021	26,016	3,840
2022 and future years	19,549	2,636

¹ Excludes outlays from prior-year budget authority. Note: GWOT is Overseas Contingency Operations/Global War on Terrorism.

FINANCIAL ASSISTANCE TO STATE AND LOCAL GOVERNMENTS

In accordance with section 308(a)(1)(C) of the Congressional Budget and Impoundment Act of 1974 (Public Law 93–344), as amended, no new budget or outlays are provided by the accompanying bill for financial assistance to State and local governments.

PROGRAM DUPLICATION

No provision of this bill establishes or reauthorizes a program of the Federal Government known to be duplicative of another Federal program, a program that was included in any report from the Government Accountability Office to Congress pursuant to section 21 of Public Law 111–139, or a program related to a program identified in the most recent Catalog of Federal Domestic Assistance.

DIRECTED RULE MAKING

This bill does not contain any provision that specifically directs the promulgation or completion of a rule.

FULL COMMITTEE VOTES

Pursuant to the provisions of clause 3(b) of rule XIII of the House of Representatives, the results of each roll call vote on an amendment or on the motion to report, together with the names of those voting for and those voting against, are printed below:

ROLL CALL NO. 1

Date: June 29, 2017

Measure: Defense Appropriations Bill, FY 2018

Motion by: Mrs. Lowey

Description of Motion: To amend the Congressional Budget Act of 1974 regarding 302(b) allocations.

Results: Defeated 22 yeas to 30 nays.

Members Voting Yea

Mr. Aguilar
Mr. Bishop
Mr. Cartwright
Ms. Clark
Mr. Cuellar
Ms. DeLauro
Ms. Kaptur
Mr. Kilmer
Ms. Lee
Mrs. Lowey
Ms. McCollum
Ms. Meng
Ms. Pingree
Mr. Pocan
Mr. Price
Mr. Quigley
Ms. Roybal-Allard
Mr. Ruppersberger
Mr. Ryan
Mr. Serrano
Mr. Visclosky
Ms. Wasserman Schultz

Members Voting Nay

Mr. Aderholt
Mr. Amodei
Mr. Calvert
Mr. Carter
Mr. Cole
Mr. Culberson
Mr. Dent
Mr. Diaz-Balart
Mr. Fleischmann
Mr. Fortenberry
Mr. Frelinghuysen
Ms. Granger
Mr. Graves
Dr. Harris
Ms. Herrera Beutler
Mr. Jenkins
Mr. Joyce
Mr. Moolenaar
Mr. Newhouse
Mr. Palazzo
Mrs. Roby
Mr. Rogers
Mr. Rooney
Mr. Simpson
Mr. Stewart
Mr. Taylor
Mr. Valadao
Mr. Womack
Mr. Yoder
Mr. Young

COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

TITLE I					
MILITARY PERSONNEL					
Military Personnel, Army.....	40,042,962	41,533,674	41,427,054	+1,384,092	-106,620
Military Personnel, Navy.....	27,889,405	28,917,918	28,707,918	+818,513	-210,000
Military Personnel, Marine Corps.....	12,735,182	13,278,714	13,165,714	+430,532	-113,000
Military Personnel, Air Force.....	27,958,795	28,962,740	28,738,320	+779,525	-224,420
Reserve Personnel, Army.....	4,524,863	4,804,628	4,721,128	+196,265	-83,500
Reserve Personnel, Navy.....	1,921,045	2,000,362	1,987,662	+66,617	-12,700
Reserve Personnel, Marine Corps.....	744,795	766,703	762,793	+17,998	-3,910
Reserve Personnel, Air Force.....	1,725,526	1,824,334	1,808,434	+82,908	-15,900
National Guard Personnel, Army.....	7,899,423	8,379,376	8,252,426	+353,003	-126,950
National Guard Personnel, Air Force.....	3,283,982	3,413,187	3,406,137	+122,155	-7,050

Total, Title I, Military Personnel:.....	128,725,978	133,881,636	132,977,586	+4,251,608	-904,050
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COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

TITLE II					
OPERATION AND MAINTENANCE					
Operation and Maintenance, Army.....	32,738,173	38,945,417	38,483,846	+5,745,673	-461,571
Operation and Maintenance, Navy.....	38,552,017	45,439,407	45,980,133	+7,428,116	+540,726
Operation and Maintenance, Marine Corps.....	5,676,152	6,933,408	6,885,884	+1,209,732	-47,524
Operation and Maintenance, Air Force.....	36,247,724	39,429,232	38,592,745	+2,345,021	-836,487
Operation and Maintenance, Defense-Wide	32,373,949	34,585,817	33,771,769	+1,397,820	-814,048
Operation and Maintenance, Army Reserve.....	2,743,688	2,906,842	2,870,163	+126,475	-36,679
Operation and Maintenance, Navy Reserve.....	929,656	1,084,007	1,038,507	+108,851	-45,500
Operation and Maintenance, Marine Corps Reserve.....	271,133	278,837	282,337	+11,204	+3,500
Operation and Maintenance, Air Force Reserve.....	3,069,229	3,267,507	3,233,745	+164,516	-33,762
Operation and Maintenance, Army National Guard.....	6,861,478	7,307,170	7,275,820	+414,342	-31,350
Operation and Maintenance, Air National Guard.....	6,615,095	6,939,968	6,735,930	+120,835	-204,038
United States Court of Appeals for the Armed Forces.....	14,194	14,538	14,538	+344	---
Environmental Restoration, Army.....	170,167	215,809	215,809	+45,642	---
Environmental Restoration, Navy.....	289,262	281,415	288,915	-347	+7,500
Environmental Restoration, Air Force.....	371,521	293,749	308,749	-62,772	+15,000
Environmental Restoration, Defense-Wide.....	9,009	9,002	9,002	-7	---
Environmental Restoration, Formerly Used Defense Sites..	222,084	208,673	233,673	+11,589	+25,000
Overseas Humanitarian, Disaster, and Civic Aid.....	123,125	104,900	107,900	-15,225	+3,000

COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request
Cooperative Threat Reduction Account.....	325,604	324,600	324,600	-1,004	---
Operation and Maintenance, National Defense Restoration Fund.....	---	---	5,000,000	+5,000,000	+5,000,000
Total, Title II, Operation and maintenance.....	167,603,260	188,570,298	191,654,065	+24,050,805	+3,083,767
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TITLE III

PROCUREMENT

Aircraft Procurement, Army.....	4,587,598	4,149,894	4,456,533	-131,065	+306,639
Missile Procurement, Army.....	1,533,804	2,519,054	2,581,600	+1,047,796	+62,546
Procurement of Weapons and Tracked Combat Vehicles, Army.....	2,229,455	2,423,608	3,556,175	+1,326,720	+1,132,567
Procurement of Ammunition, Army.....	1,483,566	1,879,283	1,811,808	+328,242	-67,475
Other Procurement, Army.....	6,147,328	6,469,331	6,356,044	+208,716	-113,287
Aircraft Procurement, Navy.....	16,135,335	15,056,235	17,908,270	+1,772,935	+2,852,035
Weapons Procurement, Navy.....	3,265,285	3,420,107	3,387,826	+122,541	-32,281
Procurement of Ammunition, Navy and Marine Corps.....	633,678	792,345	735,651	+101,973	-56,694
Shipbuilding and Conversion, Navy.....	21,156,886	19,903,682	21,503,726	+346,840	+1,600,044
Other Procurement, Navy.....	6,308,919	8,277,789	7,852,952	+1,544,033	-424,837
Procurement, Marine Corps.....	1,307,456	2,064,825	1,818,846	+511,390	-245,979
Aircraft Procurement, Air Force.....	14,253,623	15,430,849	16,553,196	+2,299,573	+1,122,347
Missile Procurement, Air Force.....	2,348,121	2,296,182	2,203,101	-145,020	-93,081

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COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request
Space Procurement, Air Force.....	2,733,243	3,370,775	3,210,355	+477,112	-160,420
Procurement of Ammunition, Air Force.....	1,589,219	1,376,602	1,316,977	-272,242	-59,625
Other Procurement, Air Force.....	17,768,224	19,603,497	19,318,814	+1,550,590	-284,683
Procurement, Defense-Wide	4,881,022	4,835,418	5,239,239	+358,217	+403,821
Defense Production Act Purchases	64,065	37,401	67,401	+3,336	+30,000
Procurement, National Defense Restoration Fund.....	---	---	12,622,931	+12,622,931	+12,622,931
Total, Title III, Procurement.....	108,426,827	113,906,877	132,501,445	+24,074,618	+18,594,568
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TITLE IV					
RESEARCH, DEVELOPMENT, TEST AND EVALUATION					
Research, Development, Test and Evaluation, Army.....	8,332,965	9,425,440	9,674,222	+1,341,257	+248,782
Research, Development, Test and Evaluation, Navy.....	17,214,530	17,675,035	17,196,521	-18,009	-478,514
Research, Development, Test and Evaluation, Air Force...	27,788,548	34,914,359	33,874,980	+6,086,432	-1,039,379
Research, Development, Test and Evaluation, Defense-Wide	18,778,550	20,490,902	20,698,353	+1,919,803	+207,451
Operational Test and Evaluation, Defense.....	186,994	210,900	210,900	+23,906	---
Research, Development, Test and Evaluation, National Defense Restoration Fund.....	---	---	1,000,000	+1,000,000	+1,000,000
Total, Title IV, Research, Development, Test and Evaluation.....	72,301,587	82,716,636	82,654,976	+10,353,389	-61,660
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COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

TITLE V					
REVOLVING AND MANAGEMENT FUNDS					
Defense Working Capital Funds.....	1,511,613	1,586,596	1,586,596	+74,983	---
National Defense Sealift Fund.....	---	509,327	---	---	-509,327

Total, Title V, Revolving and Management Funds....	1,511,613	2,095,923	1,586,596	+74,983	-509,327
=====					
TITLE VI					
OTHER DEPARTMENT OF DEFENSE PROGRAMS					
Defense Health Program					
Operation and maintenance.....	31,277,002	32,095,923	31,735,923	+458,921	-360,000
Procurement.....	402,161	895,328	895,328	+493,167	---
Research, development, test and evaluation.....	2,102,107	673,215	1,300,315	-801,792	+627,100

Total, Defense Health Program 1/	33,781,270	33,664,466	33,931,566	+150,296	+267,100

COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request
Chemical Agents and Munitions Destruction, Defense:					
Operation and maintenance.....	119,985	104,237	104,237	-15,748	---
Procurement.....	15,132	18,081	18,081	+2,949	---
Research, development, test and evaluation.....	388,609	839,414	839,414	+450,805	---
Total, Chemical Agents 2/.....	523,726	961,732	961,732	+438,006	---
Drug Interdiction and Counter-Drug Activities, Defense1/	998,800	790,814	854,814	-143,986	+64,000
Joint Improvised-Threat Defeat Fund.....	---	14,442	---	---	-14,442
Joint Urgent Operational Needs Fund.....	---	99,795	---	---	-99,795
Office of the Inspector General 1/.....	312,035	336,887	336,887	+24,852	---
Total, Title VI, Other Department of Defense Programs.....	35,615,831	35,868,136	36,084,999	+469,168	+216,863
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TITLE VII					
RELATED AGENCIES					
Central Intelligence Agency Retirement and Disability System Fund.....	514,000	514,000	514,000	---	---
Intelligence Community Management Account (ICMA).....	515,596	532,000	522,100	+6,504	-9,900
Total, Title VII, Related agencies.....	1,029,596	1,046,000	1,036,100	+6,504	-9,900
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COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

TITLE VIII					
GENERAL PROVISIONS					
Additional transfer authority (Sec.8005).....	(4,500,000)	(5,000,000)	(4,500,000)	---	(-500,000)
FFRDC (Sec.8023).....	-60,000	---	-210,000	-150,000	-210,000
Rescissions (Sec.8040).....	-2,002,622	---	-891,381	+1,111,241	-891,381
National grants (Sec.8047).....	44,000	---	44,000	---	+44,000
Shipbuilding and conversion, Navy Judgment Fund.....	---	5,000	---	---	-5,000
O&M, Defense-wide transfer authority (Sec.8051).....	(30,000)	(30,000)	(30,000)	---	---
John C. Stennis Center for Public Service Development					
Trust Fund (O&M, Navy transfer authority).....	(1,000)	---	---	(-1,000)	---
Fisher House Foundation (Sec.8066).....	5,000	---	5,000	---	+5,000
Revised economic assumptions (Sec.8073).....	-157,000	---	-289,000	-132,000	-289,000
Defense acquisition workforce development excess cash					
balances (rescission) (Sec.8081).....	-531,000	---	-10,000	+521,000	-10,000
Fisher House O&M Army Navy Air Force transfer authority					
(Sec.8086).....	(11,000)	(11,000)	(11,000)	---	---
Defense Health O&M transfer authority (Sec.8090).....	(122,375)	(115,519)	(115,519)	(-6,856)	---

COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request
Working Capital Fund, Army excess cash balances (Sec.8110).....	-336,000	---	-75,000	+261,000	-75,000
Revised fuel costs (Sec.8111).....	-1,155,000	---	-1,007,267	+147,733	-1,007,267
Ship Modernization, Operation, and Sustainment Fund (rescission)	-1,391,070	---	---	+1,391,070	---
Operation and Maintenance, Defense-Wide (Department of the Interior Compact Review Agreement)	---	123,900	---	---	-123,900
Military pay raise (Sec.8121).....	---	---	206,400	+206,400	+206,400
Public Schools on Military Installations (Sec.8122).....	---	---	235,000	+235,000	+235,000
Total, Title VIII, General Provisions.....	-5,583,692	128,900	-1,992,248	+3,591,444	-2,121,148
	=====	=====	=====	=====	=====

COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

TITLE IX					
OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON TERRORISM (GWOT)					
Military Personnel					
Military Personnel, Army (GWOT).....	1,948,648	2,635,317	2,635,317	+686,669	---
Military Personnel, Navy (GWOT).....	327,427	377,857	377,857	+50,430	---
Military Personnel, Marine Corps (GWOT).....	179,733	103,800	103,800	-75,933	---
Military Personnel, Air Force (GWOT).....	705,706	912,779	912,779	+207,073	---
Reserve Personnel, Army (GWOT).....	42,506	24,942	24,942	-17,564	---
Reserve Personnel, Navy (GWOT).....	11,929	9,091	9,091	-2,838	---
Reserve Personnel, Marine Corps (GWOT).....	3,764	2,328	2,328	-1,436	---
Reserve Personnel, Air Force (GWOT).....	20,535	20,569	20,569	+34	---
National Guard Personnel, Army (GWOT).....	196,472	184,589	184,589	-11,883	---
National Guard Personnel, Air Force (GWOT).....	5,288	5,004	5,004	-284	---
Military Personnel, National Defense Restoration Fund (GWOT).....	---	---	1,000,000	+1,000,000	+1,000,000
Total, Military Personnel (OCO/GWOT).....	3,442,008	4,276,276	5,276,276	+1,834,268	+1,000,000
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COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request
<hr/>					
Operation and Maintenance					
Operation & Maintenance, Army (GWOT).....	15,693,068	16,126,403	16,126,403	+433,335	---
Operation & Maintenance, Navy (GWOT).....	7,887,349	5,875,015	5,875,015	-2,012,334	---
(Coast Guard) (by transfer) (GWOT).....	---	(161,885)	(161,885)	(+161,885)	---
Operation & Maintenance, Marine Corps (GWOT).....	1,607,259	1,116,640	1,116,640	-490,619	---
Operation & Maintenance, Air Force (GWOT).....	10,556,598	10,266,295	10,266,295	-290,303	---
Operation & Maintenance, Defense-Wide (GWOT).....	6,476,649	7,712,080	6,944,201	+467,552	-767,879
(Coalition support funds) (GWOT).....	(920,000)	---	---	(-920,000)	---
Operation & Maintenance, Army Reserve (GWOT).....	38,679	24,699	24,699	-13,980	---
Operation & Maintenance, Navy Reserve (GWOT).....	26,265	23,980	23,980	-2,285	---
Operation & Maintenance, Marine Corps Reserve (GWOT).....	3,304	3,367	3,367	+63	---
Operation & Maintenance, Air Force Reserve (GWOT).....	57,586	58,523	58,523	+937	---
Operation & Maintenance, Army National Guard (GWOT).....	127,035	108,111	108,111	-18,924	---
Operation & Maintenance, Air National Guard (GWOT).....	20,000	15,400	15,400	-4,600	---
Operation & Maintenance, National Defense Restoration Fund (GWOT).....	---	---	2,000,000	+2,000,000	+2,000,000
Subtotal, Operation and Maintenance.....	42,493,792	41,330,513	42,562,634	+68,842	+1,232,121
Afghanistan Security Forces Fund (GWOT).....	4,262,715	4,937,515	4,937,515	+674,800	---
Counter-ISIL Train and Equip Fund (GWOT).....	980,000	1,769,000	1,769,000	+789,000	---
Total, Operation and Maintenance (OCO/GWOT).....	47,736,507	48,037,028	49,269,149	+1,532,642	+1,232,121
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COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request
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Procurement					
Aircraft Procurement, Army (GWOT).....	313,171	424,686	424,686	+111,515	---
Missile Procurement, Army (GWOT).....	405,317	559,283	557,583	+152,266	-1,700
Procurement of Weapons and Tracked Combat Vehicles, Army (GWOT)	395,944	1,191,139	1,191,139	+795,195	---
Procurement of Ammunition, Army (GWOT).....	290,670	193,436	193,436	-97,234	---
Other Procurement, Army (GWOT).....	1,343,010	405,575	405,575	-937,435	---
Aircraft Procurement, Navy (GWOT).....	367,930	157,300	157,300	-210,630	---
Weapons Procurement, Navy (GWOT).....	8,600	152,373	130,994	+122,394	-21,379
Procurement of Ammunition, Navy and Marine Corps (GWOT)...	65,380	225,587	223,843	+158,463	-1,744
Other Procurement, Navy (GWOT).....	99,786	220,059	207,984	+108,198	-12,075
Procurement, Marine Corps (GWOT).....	118,939	65,274	64,071	-54,868	-1,203
Aircraft Procurement, Air Force (GWOT).....	927,249	740,778	510,836	-416,413	-229,942
Missile Procurement, Air Force (GWOT).....	235,095	395,400	381,700	+146,605	-13,700
Space Procurement, Air Force (GWOT).....	---	2,256	2,256	+2,256	---
Procurement of Ammunition, Air Force (GWOT).....	273,345	501,509	501,509	+228,164	---
Other Procurement, Air Force (GWOT).....	3,529,456	4,008,887	3,998,887	+469,431	-10,000
Procurement, Defense-Wide (GWOT).....	244,184	518,026	510,741	+266,557	-7,285
National Guard and Reserve Equipment (GWOT)	750,000	---	1,000,000	+250,000	+1,000,000
Procurement, National Defense Restoration Fund (GWOT)...	---	---	6,000,000	+6,000,000	+6,000,000
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Total, Procurement (OCO/GWOT).....	9,368,076	9,761,568	16,462,540	+7,094,464	+6,700,972
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COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

Research, Development, Test and Evaluation					
Research, Development, Test & Evaluation, Army (GWOT)...	100,522	119,368	119,368	+18,846	---
Research, Development, Test & Evaluation, Navy (GWOT)...	78,323	130,365	124,865	+46,542	-5,500
Research, Development, Test & Evaluation, Air Force (GWOT).....	67,905	135,358	144,508	+76,603	+9,150
Research, Development, Test and Evaluation, Defense-Wide (GWOT).....	159,919	226,096	226,096	+66,177	---
Research, Development, Test and Evaluation, National Defense Restoration Fund (GWOT).....	---	---	1,000,000	+1,000,000	+1,000,000

Total, Research, Development, Test and Evaluation (OCO/GWOT).....	406,669	611,187	1,614,837	+1,208,168	+1,003,650
=====					
Revolving and Management Funds					
Defense Working Capital Funds (GWOT).....	140,633	148,956	148,956	+8,323	---

COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

Other Department of Defense Programs					
Defense Health Program:					
Operation & Maintenance (GWOT).....	331,764	395,805	395,805	+64,041	---
Drug Interdiction and Counter-Drug Activities, Defense (GWOT).....	215,333	196,300	196,300	-19,033	---
Joint Improvised-Threat Defeat Fund (GWOT).....	339,472	483,058	483,058	+143,586	---
Office of the Inspector General (GWOT).....	22,062	24,692	24,692	+2,630	---

Total, Other Department of Defense Programs (OCO/GWOT).....	908,631	1,099,855	1,099,855	+191,224	---
=====					
TITLE IX General Provisions					
Additional transfer authority (GWOT) (Sec.9002).....	(2,500,000)	(4,500,000)	(2,500,000)	---	(-2,000,000)
Ukraine Security Assistance Initiative (GWOT) (Sec.9013).....	150,000	---	150,000	---	+150,000
Intelligence, Surveillance, and Reconnaissance (GWOT) (Sec.9017).....	500,000	---	500,000	---	+500,000
Rescissions (GWOT) (Sec.9019).....	-819,000	---	-587,613	+231,387	-587,613
Coalition support funds (rescission) (GWOT)	-11,524	---	---	+11,524	---

Total, General Provisions.....	-180,524	---	62,387	+242,911	+62,387
=====					
Grand Total, Title IX (OCO/GWOT).....	61,822,000	63,934,870	73,934,000	+12,112,000	+9,999,130
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COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

TITLE X					
ADDITIONAL APPROPRIATIONS (OCO/GWOT)					
Military Personnel					
Military Personnel, Air Force (GWOT).....	131,375	---	---	-131,375	---
Operation and Maintenance					
Operation & Maintenance, Army (GWOT).....	986,754	---	---	-986,754	---
Operation & Maintenance, Navy (GWOT).....	1,772,631	---	---	-1,772,631	---
Operation & Maintenance, Marine Corps (GWOT).....	255,250	---	---	-255,250	---
Operation & Maintenance, Air Force (GWOT).....	1,566,272	---	---	-1,566,272	---
Operation & Maintenance, Defense-Wide (GWOT).....	650,951	---	---	-650,951	---
Operation & Maintenance, Navy Reserve (GWOT).....	3,208	---	---	-3,208	---
Operation & Maintenance, Air Force Reserve (GWOT).....	115,099	---	---	-115,099	---
Operation & Maintenance, Army National Guard (GWOT).....	87,868	---	---	-87,868	---
Operation & Maintenance, Air National Guard (GWOT).....	23,000	---	---	-23,000	---
Counter-ISIL Train and Equip Fund (GWOT).....	626,400	---	---	-626,400	---
Counter-ISIL Overseas Contingency Operations Transfer Fund.....	1,610,000	---	---	-1,610,000	---

Total, Operation and Maintenance OCO/GWOT Requirements.....	7,697,433	---	---	-7,697,433	---

COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request
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Procurement					
Aircraft Procurement, Army (GWOT).....	316,784	---	---	-316,784	---
Missile Procurement, Army (GWOT).....	579,754	---	---	-579,754	---
Procurement of Weapons and Tracked Combat Vehicles, Army (GWOT).....	61,218	---	---	-61,218	---
Procurement of Ammunition, Army (GWOT).....	447,685	---	---	-447,685	---
Other Procurement, Army (GWOT).....	412,109	---	---	-412,109	---
Aircraft Procurement, Navy (GWOT).....	314,257	---	---	-314,257	---
Weapons Procurement, Navy (GWOT).....	129,000	---	---	-129,000	---
Procurement of Ammunition, Navy and Marine Corps (GWOT).....	103,100	---	---	-103,100	---
Other Procurement, Navy (GWOT).....	151,297	---	---	-151,297	---
Procurement, Marine Corps (GWOT).....	212,280	---	---	-212,280	---
Aircraft Procurement, Air Force (GWOT).....	856,820	---	---	-856,820	---
Space Procurement, Air Force (GWOT).....	19,900	---	---	-19,900	---
Procurement of Ammunition, Air Force (GWOT).....	70,000	---	---	-70,000	---
Other Procurement, Air Force (GWOT).....	1,335,381	---	---	-1,335,381	---
Procurement, Defense-Wide (GWOT).....	510,635	---	---	-510,635	---
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Total, Procurement OCO/GWOT Requirements.....	5,520,220	---	---	-5,520,220	---

370

COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request
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Research, Development, Test and Evaluation					
Research, Development, Test & Evaluation, Army (GWOT)...	163,134	---	---	-163,134	---
Research, Development, Test & Evaluation, Navy (GWOT)...	248,214	---	---	-248,214	---
Research, Development, Test & Evaluation, Air Force (GWOT).....	297,300	---	---	-297,300	---
Research, Development, Test and Evaluation, Defense-Wide (GWOT).....	279,185	---	---	-279,185	---
Operational Test and Evaluation, Defense (GWOT)	2,725	---	---	-2,725	---
Total, RDTE OCO/GWOT Requirements.....	990,558	---	---	-990,558	---
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Revolving and Management Funds					
Defense Working Capital Funds (GWOT)	285,681	---	---	-285,681	---

COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

Other Department of Defense Programs					
Chemical Agents and Munitions Destruction, Defense Research, Development, Test, and Evaluation					
OCO/GWOT Requirements (GWOT)	127,000	---	---	-127,000	---
TITLE X General Provisions					
Additional transfer authority (GWOT) (Sec.10002).....	(250,000)	---	---	(-250,000)	---
Total, Title X (OCO/GWOT).....	14,752,267	---	---	-14,752,267	---
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COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

OTHER APPROPRIATIONS					
SECURITY ASSISTANCE APPROPRIATIONS ACT, 2017					
Military Personnel (OCO/GWOT).....	265,118	---	---	-265,118	---
Operation and Maintenance (OCO/GWOT).....	4,615,935	---	---	-4,615,935	---
Procurement (OCO/GWOT)).....	724,447	---	---	-724,447	---
Research, Development, Test, and Evaluation (OCO/GWOT).....	81,700	---	---	-81,700	---
Other Department of Defense Programs (OCO/GWOT).....	87,800	---	---	-87,800	---
Total, FY 2017 Security Assistance (PL 114-254) ..	5,775,000	---	---	-5,775,000	---
Total, Other Appropriations.....	5,775,000	---	---	-5,775,000	---
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COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request
Grand Total, Bill	591,980,267	622,149,276	650,437,519	+58,457,252	+28,288,243
Appropriations.....	(513,555,692)	(558,214,406)	(577,404,900)	(+63,849,208)	(+19,190,494)
Emergency appropriations.....	---	---	---	---	---
Global War on Terrorism (GWOT).....	(83,179,791)	(63,934,870)	(74,521,613)	(-8,658,178)	(+10,586,743)
Rescissions.....	(-3,924,692)	---	(-901,381)	(+3,023,311)	(-901,381)
Rescissions (GWOT).....	(-830,524)	---	(-587,613)	(+242,911)	(-587,613)
(Transfer Authority).....	4,664,375	5,156,519	4,656,519	-7,856	-500,000
(Transfer Authority) (GWOT).....	2,750,000	4,500,000	2,500,000	-250,000	-2,000,000

COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

CONGRESSIONAL BUDGET RECAP					
Scorekeeping adjustments:					
Lease of defense real property (permanent).....	37,000	38,000	38,000	+1,000	---
Disposal of defense real property (permanent).....	8,000	8,000	8,000	---	---
DHP, O&M to DOD-VA Joint Incentive Fund (permanent):					
Defense function.....	-15,000	-15,000	-15,000	---	---
Non-defense function.....	15,000	15,000	15,000	---	---
DHP, O&M to Joint DOD-VA Medical Facility					
Demonstration Fund (Sec.8090):					
Defense function.....	-122,375	-115,519	-115,519	+6,856	---
Non-defense function.....	122,375	115,519	115,519	-6,856	---
O&M, Defense-wide transfer to Department					
of the Interior:					
Defense function.....	---	-123,900	---	---	+123,900
Non-defense function.....	---	123,900	---	---	-123,900
Navy transfer to John C. Stennis Center for Public					
Service Development Trust Fund:					
Defense function.....	-1,000	---	---	+1,000	---
Non-defense function.....	1,000	---	---	-1,000	---
Tricare accrual (permanent, indefinite auth.) 3/....	6,953,000	8,145,000	8,145,000	+1,192,000	---

Total, scorekeeping adjustments.....	6,998,000	8,191,000	8,191,000	+1,193,000	---
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COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2017 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2018
(Amounts in Thousands)

	FY 2017 Enacted	FY 2018 Request	Bill	Bill vs. Enacted	Bill vs. Request

RECAPITULATION					
Title I - Military Personnel.....	128,725,978	133,881,636	132,977,586	+4,251,608	-904,050
Title II - Operation and Maintenance.....	167,603,260	188,570,298	191,654,065	+24,050,805	+3,083,767
Title III - Procurement.....	108,426,827	113,906,877	132,501,445	+24,074,618	+18,594,568
Title IV - Research, Development, Test and Evaluation...	72,301,587	82,716,636	82,654,976	+10,353,389	-61,660
Title V - Revolving and Management Funds.....	1,511,613	2,095,923	1,586,596	+74,983	-509,327
Title VI - Other Department of Defense Programs.....	35,615,831	35,868,136	36,084,999	+469,168	+216,863
Title VII - Related Agencies.....	1,029,596	1,046,000	1,036,100	+6,504	-9,900
Title VIII - General Provisions (net).....	-5,583,692	128,900	-1,992,248	+3,591,444	-2,121,148
Title IX - Global War on Terrorism (GWOT).....	61,822,000	63,934,870	73,934,000	+12,112,000	+9,999,130
Title X - Additional Appropriations.....	14,752,267	---	---	-14,752,267	---

Total, Department of Defense.....	586,205,267	622,149,276	650,437,519	+64,232,252	+28,288,243
Other appropriations (PL 114-254).....	5,775,000	---	---	-5,775,000	---
Scorekeeping adjustments.....	6,998,000	8,191,000	8,191,000	+1,193,000	---

Total mandatory and discretionary.....	598,978,267	630,340,276	658,628,519	+59,650,252	+28,288,243
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1/ Included in Budget under Operation and Maintenance
2/ Included in Budget under Procurement
3/ Contributions to Department of Defense
Medicare-Eligible Retiree Health Care Fund
(Sec. 725, P.L. 108-375). Budget request excludes
proposal to amend TRICARE

ADDITIONAL VIEWS—FISCAL YEAR 2018 DEPARTMENT OF DEFENSE APPROPRIATIONS BILL

With this bill, the Committee has carried out its Constitutional responsibility to recommend the appropriations necessary to provide for the common defense of our Nation. The Committee did this in a collegial and bipartisan fashion consistent with its long-standing traditions.

The base portion of this bill provides \$584,124,519,000 in Fiscal Year 2018 discretionary funding covering all Department of Defense (DoD) and Intelligence Community functions except for Military Construction and Family Housing. This is \$18,233,113,000 above the President's budget request, and \$68,009,519,000 above last year's enacted level. The Overseas Contingency Operations/Global War on Terrorism (OCO/GWOT) portion provides a total of \$73,934,000,000, an increase of \$9,999,130,000 above the President's budget request.

There are many aspects of this bill we can agree upon. The legislation, as written, has the potential to fill many of the military's readiness gaps and maintain the strategic technological advantage the United States enjoys today. Further, Democrats and Republicans agree we have a duty to provide predictable and timely appropriations to the Department of Defense and the rest of the federal government, consistent with the repeated requests of senior defense leaders.

Unfortunately, at this moment, we are not optimistic about the chances of this bill's independent enactment in a timely fashion.

Most prominent of the obstacles facing this legislation is the Budget Control Act of 2011, more commonly referred to as the BCA. This bill greatly exceeds the cap on defense spending established under the BCA for FY 2018, so much so that if the House bills were enacted as written, and the BCA caps remain in place, the Department of Defense would face a sequester of roughly 13 percent. The Department has still not recovered from the rash of problems caused by sequestration in FY 2013. The Department savaged its Operation and Maintenance accounts in the second half of FY 2013 to continue ongoing contingency operations and to protect Military Personnel accounts. This resulted in the Navy idling an aircraft carrier at a pier in Norfolk, the Army cancelling training rotations, the Air Force greatly reducing flight times for its combat coded aircraft, and widespread civilian furloughs. We simply cannot allow that to happen in FY 2018.

The Nation has avoided the effects of sequestration since FY 2013 because Congress and the previous Administration worked in a bipartisan and bicameral fashion to provide additional investments for our men and women in uniform, and for programs that improve our country's economic and physical infrastructure, scientific research, public health system, and veterans care. The cur-

rent FY 2018 budget reportedly proposed by the House Majority, exceeds the BCA cap by more than \$70 billion for defense spending and is \$5 billion under the cap for nondefense, ignoring these past compromises. While the House Majority rumored budget may cause angst, it is vastly superior to the nonsensical budget put forth by the Office of Management and Budget (OMB) in May. If past is prologue, after this bill passes the House, it will sit idle until mid-September, when we begin the tortured process of short term continuing resolutions, shutdown brinksmanship, possibly an increase in the BCA caps, and then, maybe an Omnibus. This is the very outcome the Secretary of Defense stated he did not want to happen.

The only path out of uncertainty for this fiscal year is a bipartisan agreement on discretionary spending levels. Investments in communities by the government have positive economic effects that would be lost through draconian cuts. Congress might disagree on the ways to generate more revenue or reform entitlements, but our fiscal health cannot be improved by slashing discretionary spending only.

Setting aside our frustration with the process, we also wish to express our concern with the significant increase in funding this bill would provide to the Department of Defense—\$60 billion more than FY 2017 and \$29 billion more than the Department requested. We support providing additional funding to the Department, as we believe we are asking too much of our brave service members and their families. Also, to put it mildly, the world is a very unsettled place and not moving towards stability. However, we believe the Department will have difficulty spending so many additional dollars in a timely, efficient, and transparent manner. Vacancies in important leadership positions within the Department, and hiring restrictions on civilian employees will slow the decision making process. Currently, the Department is in the midst of four comprehensive strategic reviews, including: the National Defense Strategy, the Nuclear Posture Review, the Afghanistan Strategy Review, and the Counter-ISIS Plan. Each is ongoing and their impact on spending during FY 2018 is unknown. Finally, it is not likely Congress will complete our work in a timely manner and any dollars provided will have to be spent in a compressed timeline, much like the current year.

Given these concerns, we especially appreciate Chairwoman Granger's cooperation to include bill and report language in the Manager's Amendment in order to meet our constitutional oversight responsibility and require transparency into the Defense Restoration Funds. These Funds account for \$18.6 billion in the base bill and \$10 billion in the Overseas Contingency Operations accounts. The added restrictions strengthen our ability to oversee the Department's actions.

We would like to reiterate a concern we expressed in the additional views to accompany the FY 2017 report and that is our displeasure with the continued reliance on OCO funding. It is increasingly difficult after sixteen years of war to argue our military is engaged in a contingency. Throughout the past years, even with the fluctuations in troop levels in each theater of war, the activities have remained somewhat constant, and with a decade plus of his-

torical execution data, most of these activities should be resourced as enduring requirements, not unforeseen events.

Additionally, we are pleased the committee held a constructive discussion and agreed to an amendment offered by our colleague, Rep. Barbara Lee, to force Congress to discuss a new Authorization of Military Force (AUMF) for the Global War on Terror. The amendment accomplishes this by repealing the 2001 AUMF 240 days after the bill is enacted. That is ample time to complete this difficult task. The current AUMF, crafted days immediately after the attacks on September 11, 2001, has been broadly interpreted by three administrations to justify military activities across a swath of countries. Some of the current adversaries, most notably the Islamic State, were not in existence in 2001. Further, only 22 percent of Members of the House of Representatives in the 115th Congress were serving the last time an AUMF was enacted. As one of our Republican colleagues stated in the debate on the Lee Amendment, if we are asking our men and women in uniform to have the courage to risk their lives, Congress should at least have the courage to provide a clear legal justification for the conflicts they are fighting. This echoed sentiments stated by Secretary of Defense and the Chairman of the Joint Chiefs, who testified before the Defense Subcommittee on June 15, 2017, and both unequivocally and forcefully stated their support for a new AUMF. Congress should respond to their call for action.

We are disappointed that a Democratic amendment was not agreed to that would have required the committee to adopt a full slate of subcommittee allocations before considering any bills. In the absence of a complete list of 302(b) allocations, the committee adopted an interim number for the Military Construction and Veterans Affairs bill, but did not even do that for the Defense bill. Not considering full allocations is a break from our long-standing practice and is a gross departure from the “regular order” Republicans frequently discuss but consistently ignore.

Without allocations, members have no way to evaluate how each bill fits into the larger discretionary picture. Setting aside the Defense bill’s breach of the BCA cap, after considering the first three bills of the year, the committee has approved bills totaling \$677.5 billion in spending that applies to the BCA limits, which represents 64 percent of total of allowable discretionary spending for FY 2018. That leaves the remaining nine bills, including the largest domestic bill, with only 36 percent of the statutory discretionary limit. This will necessitate deep cuts below FY 2017 levels for the remaining bills.

This committee has a long history of working in a bipartisan faction to produce a full slate of bills. That bipartisan cooperation requires transparency and cannot be accomplished when the majority works in secret to develop allocations that it does not publicly release.

In closing, we applaud the Chairwoman and the staff for putting together this legislation in less than ideal circumstances. We look forward to continuing to work with her, the Members of the Committee, and staff in completing the difficult task before us.

NITA M. LOWEY.

PETER J. VISCLOSKY.

