

DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2018

\_\_\_\_\_  
, 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

[To accompany H.R. ]

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	191,654,085	+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	123,900	-2,048,248	+3,535,444	-2,172,148
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	622,144,276	650,381,519	+64,176,252	+28,237,243
Other appropriations (PL 114-254).....	5,775,000	---	---	-5,775,000	---
Total mandatory and discretionary.....	591,980,267	622,144,276	650,381,519	+58,401,252	+28,237,243

## 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.

#### 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.

#### 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
<b>DEPARTMENT OF ARMY</b>		
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
<b>TOTAL, DEPARTMENT OF ARMY</b>	<b>1,327,648</b>	<b>1,721,004</b>
<b>DEPARTMENT OF NAVY</b>		
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
<b>TOTAL, DEPARTMENT OF NAVY</b>	<b>1,036,680</b>	<b>1,299,896</b>
<b>DEPARTMENT OF AIR FORCE</b>		
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
<b>TOTAL, DEPARTMENT OF AIR FORCE</b>	<b>1,989,911</b>	<b>2,370,515</b>
<b>DEFENSE-WIDE</b>		
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
<b>TOTAL, DEFENSE-WIDE</b>	<b>2,343,878</b>	<b>2,548,991</b>
<b>TOTAL, CYBERSPACE ACTIVITIES</b>	<b>6,698,117</b>	<b>7,940,406</b>

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.



## 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 2018				
	Fiscal year 2017 authorized	Budget request	Committee recommended	Change from request	Change from fiscal year 2017
<b>Active Forces (End Strength)</b>					
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
<b>Total, Active Forces.....</b>	<b>1,305,900</b>	<b>1,314,000</b>	<b>1,324,000</b>	<b>10,000</b>	<b>18,100</b>
<b>Guard and Reserve Forces (End Strength)</b>					
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
<b>Total, Selected Reserve.....</b>	<b>813,200</b>	<b>815,900</b>	<b>822,900</b>	<b>7,000</b>	<b>9,700</b>
<b>Total, Military Personnel.....</b>	<b>2,119,100</b>	<b>2,129,900</b>	<b>2,146,900</b>	<b>17,000</b>	<b>27,800</b>

## 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.

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
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>			
<b>INCENTIVE PAYS</b>	85,272	83,772	-1,500
Excess growth		-1,500	
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>			
<b>SPECIAL PAYS</b>	1,294,027	1,274,027	-20,000
Excess growth		-20,000	
<b>BA-5: PERMANENT CHANGE OF STATION TRAVEL</b>			
<b>ACCESSION TRAVEL</b>	179,209	169,209	-10,000
Excess growth		-10,000	
<b>UNDISTRIBUTED ADJUSTMENT</b>		-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
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>			
<b>SPECIAL PAYS</b>	798,735	788,735	-10,000
Excess growth		-10,000	
<b>UNDISTRIBUTED ADJUSTMENT</b>		-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
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>			
<b>INCENTIVE PAYS</b>	36,374	33,374	-3,000
Excess growth		-3,000	
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>			
<b>SPECIAL PAYS</b>	144,597	134,597	-10,000
Excess growth		-10,000	
<b>UNDISTRIBUTED ADJUSTMENT</b>		-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]

<b>M-1</b>	<b>Budget Request</b>	<b>Committee Recommended</b>	<b>Change from Request</b>
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>			
<b>SPECIAL PAYS</b>	<b>336,933</b>	<b>326,933</b>	<b>-10,000</b>
Excess growth		-10,000	
<b>UNDISTRIBUTED ADJUSTMENT</b>		<b>-214,420</b>	<b>-214,420</b>
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
<b>BA-1: RESERVE COMPONENT TRAINING AND SUPPORT</b>			
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
<b>UNDISTRIBUTED ADJUSTMENT</b>		-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
<b>BA-1: RESERVE COMPONENT TRAINING AND SUPPORT</b>			
<b>SCHOOL TRAINING</b>	<b>570,713</b>	<b>560,713</b>	<b>-10,000</b>
Excess growth		-10,000	
<b>SPECIAL TRAINING</b>	<b>697,050</b>	<b>707,100</b>	<b>10,050</b>
Excess growth		-5,000	
Program increase - State Partnership Program		3,750	
Cyber protection teams		1,300	
Operational support on southwest border		10,000	
<b>UNDISTRIBUTED ADJUSTMENT</b>		<b>-127,000</b>	<b>-127,000</b>
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
<b>BA-1: RESERVE COMPONENT TRAINING AND SUPPORT</b>			
<b>SPECIAL TRAINING</b>	<b>175,589</b>	<b>177,539</b>	<b>1,950</b>
Program increase - State Partnership Program		1,950	
<b>UNDISTRIBUTED ADJUSTMENT</b>		<b>-9,000</b>	<b>-9,000</b>
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			
LAND FORCES			
10	1,455,366	1,449,942	-5,424
20	105,147	105,147	---
30	604,117	601,607	-2,510
40	793,217	783,217	-10,000
50	1,169,478	1,169,478	---
60	1,496,503	1,443,592	-52,911
LAND FORCES READINESS			
70	3,675,901	3,626,309	-49,592
80	466,720	466,720	---
90	1,443,516	1,443,516	---
LAND FORCES READINESS SUPPORT			
100	8,080,357	8,026,498	-53,859
110	3,401,155	3,521,155	+120,000
120	443,790	432,941	-10,849
COMBATANT COMMAND SUPPORT			
180	225,382	225,382	---
190	141,352	141,352	---
200	190,811	190,811	---
210	59,578	59,578	---
TOTAL, BUDGET ACTIVITY 1			
	23,752,390	23,687,245	-65,145
BUDGET ACTIVITY 2: MOBILIZATION			
MOBILITY OPERATIONS			
220	346,667	346,667	---
230	422,108	422,108	---
240	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
<b>1A1A MISSION AND OTHER FLIGHT OPERATIONS</b>	<b>5,544,165</b>	<b>5,524,165</b>	<b>-20,000</b>
Program decrease not properly accounted		-20,000	
<b>1A2A FLEET AIR TRAINING</b>	<b>2,075,000</b>	<b>2,056,400</b>	<b>-18,600</b>
Program decrease not properly accounted		-18,600	
<b>1A4N AIR SYSTEMS SUPPORT</b>	<b>552,536</b>	<b>548,536</b>	<b>-4,000</b>
Program decrease not properly accounted		-4,000	
<b>1A5A AIRCRAFT DEPOT MAINTENANCE</b>	<b>1,088,482</b>	<b>1,071,482</b>	<b>-17,000</b>
Program decrease not properly accounted		-17,000	
<b>1B2B SHIP OPERATIONS SUPPORT AND TRAINING</b>	<b>977,701</b>	<b>976,833</b>	<b>-868</b>
Unjustified growth		-868	
<b>1B4B SHIP DEPOT MAINTENANCE</b>	<b>7,165,858</b>	<b>7,175,358</b>	<b>9,500</b>
Program increase - dry dock capabilities		7,500	
Program increase - ship repair technologies		2,000	
<b>1C4C WARFARE TACTICS</b>	<b>621,581</b>	<b>586,851</b>	<b>-34,730</b>
Unjustified program growth		-34,730	
<b>1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY</b>	<b>370,681</b>	<b>375,681</b>	<b>5,000</b>
Program increase - hydrographic survey launches		5,000	
<b>1C6C COMBAT SUPPORT FORCES</b>	<b>1,437,966</b>	<b>1,433,966</b>	<b>-4,000</b>
Program decrease not properly accounted		-4,000	
<b>1CCH COMBATANT COMMANDERS CORE OPERATIONS</b>	<b>65,108</b>	<b>64,886</b>	<b>-222</b>
Unjustified program growth		-222	
<b>BSM1 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>1,905,679</b>	<b>1,996,679</b>	<b>91,000</b>
Unjustified program growth		-29,000	
Program increase		120,000	
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>4,333,688</b>	<b>4,303,688</b>	<b>-30,000</b>
Program decreases not properly accounted		-30,000	
<b>2A1F SHIP PREPOSITIONING AND SURGE</b>	<b>417,450</b>	<b>553,250</b>	<b>135,800</b>
LMSR maintenance - transfer from title V		135,800	
Mobilization alterations - transfer from title V		11,197	
<b>202F READY RESERVE FORCE</b>	<b>0</b>	<b>289,255</b>	<b>289,255</b>
Ready reserve force - transfer from title V		289,255	
<b>2C1H EXPEDITIONARY HEALTH SERVICE SYSTEMS</b>	<b>66,849</b>	<b>121,302</b>	<b>54,453</b>
T-AH maintenance - transfer from title V		54,453	
<b>3A1J OFFICER ACQUISITION</b>	<b>143,924</b>	<b>142,663</b>	<b>-1,261</b>
Unjustified program growth		-1,261	

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

## 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 overlapped 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	967,949	981,509	+13,560
20	1,065,090	985,904	-79,186
30	286,635	286,635	---
40	85,577	85,577	---
50	181,518	181,518	---
60	785,264	825,264	+40,000
70	2,196,252	2,193,252	-3,000
	5,568,285	5,539,659	-28,626
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
80	16,163	16,163	---
90	1,154	1,154	---
100	100,398	100,398	---
110	46,474	46,474	---
120	405,039	401,224	-3,815
130	201,601	191,476	-10,125
140	32,045	32,045	---
150	24,394	24,394	---
	827,268	813,328	-13,940

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
160 SERVICEWIDE SUPPORT			
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
	=====	=====	=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

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

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

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
<b>011A PRIMARY COMBAT FORCES</b>	694,702	692,452	-2,250
Program decrease not properly accounted		-4,250	
Program increase - energy resiliency studies		2,000	
<b>011C COMBAT ENHANCEMENT FORCES</b>	1,392,326	1,360,326	-32,000
Program decreases not properly accounted		-32,000	
<b>011M DEPOT MAINTENANCE</b>	2,755,367	2,670,367	-85,000
Program decrease not properly accounted		-85,000	
<b>011R FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	3,292,553	3,412,553	120,000
Program increase		120,000	
<b>11W CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT</b>	6,555,186	6,539,032	-16,154
Unjustified program growth		-16,154	
<b>11Y FLYING HOUR PROGRAM</b>	4,135,330	3,895,330	-240,000
Unjustified program growth		-240,000	
<b>011Z BASE SUPPORT</b>	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	
<b>012A GLOBAL C3I AND EARLY WARNING</b>	847,516	840,516	-7,000
Program decrease not properly accounted		-7,000	
<b>012C OTHER COMBAT OPS SPT PROGRAMS</b>	1,131,817	1,121,817	-10,000
Program decrease not properly accounted		-10,000	
<b>15D OPERATIONS - USSTRATCOM</b>	534,236	525,496	-8,740
Program transfer not properly accounted		-8,740	
<b>021A AIRLIFT OPERATIONS</b>	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	
<b>031A OFFICER ACQUISITION</b>	113,722	108,722	-5,000
Program decrease not properly accounted		-5,000	
<b>032C PROFESSIONAL DEVELOPMENT EDUCATION</b>	287,500	285,500	-2,000
Program decrease not properly accounted		-2,000	
<b>033C OFF-DUTY AND VOLUNTARY EDUCATION</b>	222,691	209,163	-13,528
Unjustified program growth		-13,528	
<b>033D CIVILIAN EDUCATION AND TRAINING</b>	171,974	170,274	-1,700
Program decrease not properly accounted		-1,700	

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

## 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.

## REMOTEPLY 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	440,853	427,391	-13,462
20	551,511	551,511	---
40	5,008,274	4,777,044	-231,230
	TOTAL, BUDGET ACTIVITY 1	5,755,946	-244,692
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
50	144,970	144,970	---
60	84,402	84,402	---
80	379,462	373,638	-5,824
	TOTAL, BUDGET ACTIVITY 3	603,010	-5,824
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
90	183,000	198,273	+15,273
110	597,836	590,836	-7,000
120	1,439,010	1,429,010	-10,000
130	807,754	787,549	-20,205
140	2,009,702	1,955,720	-53,982
160	24,207	24,207	---
170	400,422	381,688	-18,734
180	217,585	213,285	-4,300
190	131,268	131,268	---
200	722,496	659,420	-63,076
210	683,665	683,665	---
230	34,712	34,712	---
240	542,604	538,804	-3,800
260	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
<b>1PL1 JOINT CHIEFS OF STAFF</b>	<b>440,853</b>	<b>427,391</b>	<b>-13,462</b>
Program decrease not properly accounted		-2,000	
Program decrease for historical underexecution		-11,462	
<b>1PL2 SPECIAL OPERATIONS COMMAND</b>	<b>5,008,274</b>	<b>4,777,044</b>	<b>-231,230</b>
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	
<b>3EV7 SPECIAL OPERATIONS COMMAND / TRAINING AND RECRUITING</b>	<b>379,462</b>	<b>373,638</b>	<b>-5,824</b>
Specialized skill training - historical underexecution		-5,824	
<b>4GT3 CIVIL MILITARY PROGRAMS</b>	<b>183,000</b>	<b>198,273</b>	<b>15,273</b>
Program decrease for historical underexecution		-12,627	
Program increase - National Guard Youth Challenge		20,000	
Program increase - STARBASE		7,900	
<b>4GT6 DEFENSE CONTRACT AUDIT AGENCY</b>	<b>597,836</b>	<b>590,836</b>	<b>-7,000</b>
Program decrease not properly accounted		-7,000	
<b>4GTC DEFENSE CONTRACT MANAGEMENT AGENCY</b>	<b>1,439,010</b>	<b>1,429,010</b>	<b>-10,000</b>
Program decrease not properly accounted		-10,000	

O-1	Budget Request	Committee Recommended	Change from Request
<b>4GT8 DEFENSE HUMAN RESOURCES AGENCY</b>	<b>807,754</b>	<b>787,549</b>	<b>-20,205</b>
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	
<b>4GT9 DEFENSE INFORMATION SYSTEMS AGENCY</b>	<b>2,009,702</b>	<b>1,955,720</b>	<b>-53,982</b>
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	
<b>4GTE DEFENSE LOGISTICS AGENCY</b>	<b>400,422</b>	<b>381,688</b>	<b>-18,735</b>
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	
<b>ES18 DEFENSE MEDIA ACTIVITY</b>	<b>217,585</b>	<b>213,285</b>	<b>-4,300</b>
Program decreases not properly accounted		-4,300	
<b>4GTE DEFENSE SECURITY COOPERATION AGENCY</b>	<b>722,496</b>	<b>659,420</b>	<b>-63,076</b>
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	
<b>4GTI DEFENSE THREAT REDUCTION AGENCY</b>	<b>542,604</b>	<b>538,804</b>	<b>-3,800</b>
Program decrease not properly accounted		-3,800	
<b>4GTJ DEPARTMENT OF DEFENSE EDUCATION ACTIVITY</b>	<b>2,794,389</b>	<b>2,696,529</b>	<b>-97,860</b>
Program decreases not properly accounted		-28,000	
Program decrease for historical underexecution		-69,860	
<b>011A MISSILE DEFENSE AGENCY</b>	<b>504,058</b>	<b>494,058</b>	<b>-10,000</b>
Aegis BMD program unjustified growth		-10,000	
<b>4GTN OFFICE OF THE SECRETARY OF DEFENSE</b>	<b>1,612,244</b>	<b>1,577,647</b>	<b>-34,597</b>
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	

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

## 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	11,461	11,461	---
20	577,410	577,410	---
30	117,298	117,298	---
40	552,016	552,016	---
50	80,302	75,950	-4,352
60	399,035	396,035	-3,000
70	102,687	102,687	---
80	56,016	56,016	---
90	599,947	591,620	-8,327
100	273,940	293,940	+20,000
110	22,909	22,909	---
	2,793,021	2,797,342	+4,321
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
120	11,116	11,116	---
130	17,962	17,962	---
140	18,550	18,550	---
150	6,166	6,166	---
160	60,027	59,027	-1,000
	113,821	112,821	-1,000
		10,000	+10,000
		-50,000	-50,000
	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
<b>116 AVIATION ASSETS</b>	<b>80,302</b>	<b>75,950</b>	<b>-4,352</b>
Unjustified program growth		-4,352	
<b>121 FORCES READINESS OPERATIONS SUPPORT</b>	<b>399,035</b>	<b>396,035</b>	<b>-3,000</b>
Program decrease not properly accounted		-3,000	
<b>131 BASE OPERATIONS SUPPORT</b>	<b>599,947</b>	<b>591,620</b>	<b>-8,327</b>
Program decrease not properly accounted		-7,800	
Unjustified program growth		-527	
<b>132 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>273,940</b>	<b>293,940</b>	<b>20,000</b>
Program increase		20,000	
<b>434 RECRUITING AND ADVERTISING</b>	<b>60,027</b>	<b>59,027</b>	<b>-1,000</b>
Program decrease not properly accounted		-1,000	
<b>OVERESTIMATION OF CIVILIAN FTE TARGETS</b>		<b>-50,000</b>	<b>-50,000</b>
<b>RESTORE READINESS</b>		<b>10,000</b>	<b>10,000</b>

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				
RESERVE AIR OPERATIONS				
10	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	---
RESERVE SHIP OPERATIONS				
60	SHIP OPERATIONAL SUPPORT AND TRAINING.....	571	571	---
RESERVE COMBAT OPERATIONS SUPPORT				
70	COMBAT COMMUNICATIONS.....	16,718	16,718	---
80	COMBAT SUPPORT FORCES.....	118,079	118,079	---
90	CYBERSPACE ACTIVITIES.....	308	308	---
RESERVE WEAPONS SUPPORT				
100	ENTERPRISE INFORMATION TECHNOLOGY.....	28,650	28,650	---
BASE OPERATING SUPPORT				
110	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
<b>1A1A MISSION AND OTHER FLIGHT OPERATIONS</b>	<b>596,876</b>	<b>542,376</b>	<b>-54,500</b>
Program decrease not properly accounted		-2,500	
Unjustified program growth		-52,000	
<b>BSMF FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>86,354</b>	<b>94,354</b>	<b>8,000</b>
Program increase		8,000	
<b>OVERESTIMATION OF CIVILIAN FTE TARGETS</b>		<b>-1,000</b>	<b>-1,000</b>
<b>RESTORE READINESS</b>		<b>2,000</b>	<b>2,000</b>

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			
	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
<b>BSM1 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	32,777	36,777	4,000
Program increase		4,000	
<b>BSS1 BASE OPERATING SUPPORT</b>	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				
AIR OPERATIONS				
10	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				
ADMINISTRATION AND SERVICEWIDE ACTIVITIES				
70	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 Program decrease not properly accounted	1,801,007	1,784,007 -17,000	-17,000
011G MISSION SUPPORT OPERATIONS Program decrease not properly accounted	210,642	209,142 -1,500	-1,500
011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION Program increase	124,951	132,951 8,000	8,000
042J RECRUITING AND ADVERTISING Unjustified program growth	19,522	17,260 -2,262	-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
70			
	LAND FORCES READINESS		
	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	---
100			
	LAND FORCES READINESS SUPPORT		
	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
<b>111 MANEUVER UNITS</b>	<b>777,883</b>	<b>778,883</b>	<b>1,000</b>
Program increase - expanded training environment		1,000	
<b>113 ECHELONS ABOVE BRIGADE</b>	<b>807,557</b>	<b>807,557</b>	<b>0</b>
Program decrease not properly accounted		-4,000	
Program increase - operational support on southwest border		4,000	
<b>114 THEATER LEVEL ASSETS</b>	<b>85,476</b>	<b>90,476</b>	<b>5,000</b>
Program increase - operational support on southwest border		5,000	
<b>116 AVIATION ASSETS</b>	<b>956,381</b>	<b>944,881</b>	<b>-11,500</b>
Program decrease not properly accounted		-11,500	
<b>121 FORCE READINESS OPERATIONS SUPPORT</b>	<b>777,756</b>	<b>748,256</b>	<b>-29,500</b>
Program decrease not properly accounted		-30,000	
Program increase - cyber protection teams		500	
<b>122 LAND FORCES SYSTEMS READINESS</b>	<b>51,506</b>	<b>46,506</b>	<b>-5,000</b>
Program decrease not properly accounted		-5,000	
<b>131 BASE OPERATIONS SUPPORT</b>	<b>1,144,726</b>	<b>1,134,226</b>	<b>-10,500</b>
Program decrease not properly accounted		-10,500	
<b>132 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>781,895</b>	<b>821,895</b>	<b>40,000</b>
Program increase		40,000	
<b>133 MANAGEMENT AND OPERATIONAL HEADQUARTERS</b>	<b>999,052</b>	<b>989,052</b>	<b>-10,000</b>
Program decrease not properly accounted		-10,000	
<b>431 ADMINISTRATION</b>	<b>79,236</b>	<b>80,386</b>	<b>1,150</b>
Program increase - State Partnership Program		1,150	
<b>OVERESTIMATION OF CIVILIAN FTE TARGETS</b>		<b>-9,000</b>	<b>-9,000</b>
<b>ADJUST FOR PROGRAM REDUCTIONS UNACCOUNTED FOR IN REQUEST</b>		<b>-23,000</b>	<b>-23,000</b>
<b>RESTORE READINESS</b>		<b>20,000</b>	<b>20,000</b>

## 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:

105

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

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
<b>COOPERATIVE THREAT REDUCTION ACCOUNT</b>			
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	---
<b>TOTAL, COOPERATIVE THREAT REDUCTION ACCOUNT .....</b>	<b>324,600</b>	<b>324,600</b>	<b>---</b>

**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 funding is available to provide operational support for increased end strength, support training, force readiness support and readiness generation, land forces depot maintenance, aircraft depot maintenance, ship depot maintenance, weapon system sustainment, combat and servicewide communications, combat support forces, base support, facilities sustainment, restoration and modernization requirements, and emerging requirements deemed by the Secretary of Defense to be in the national security interest of the United States. The Committee directs the Secretary of Defense to notify the congressional defense committees 15 days prior to making transfers of these funds, including identification of the accounts to which funds are being transferred, and the purposes therefor.



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.

#### 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	---	-8,804
26 UTILITY/CARGO AIRPLANE MODS.....	---	57,737	---	57,737	---	---
27 UTILITY HELICOPTER MODS.....	---	5,900	---	15,900	---	+10,000
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		+8,531
SUPPORT EQUIPMENT AND FACILITIES						
GROUND SUPPORT AVIONICS						
33 AIRCRAFT SURVIVABILITY EQUIPMENT.....	---	70,913	---	62,204	---	-8,709
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	---	-1,055
38 COMMON GROUND EQUIPMENT.....	---	47,404	---	47,404	---	---
39 AIRCREW INTEGRATED SYSTEMS.....	---	47,066	---	37,135	---	-9,931
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		-19,695
TOTAL, AIRCRAFT PROCUREMENT, ARMY.....		4,149,894		4,456,533		+306,639
		=====		=====		=====

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	QTY	AMOUNT
-----						
SPARES AND REPAIR PARTS						
23		18,915		17,096		-1,819
SUPPORT EQUIPMENT AND FACILITIES						
24		5,728		5,728		
26		1,189		1,189		
-----						
		6,917		6,917		
-----						
		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
<b>1 LOWER TIER AIR AND MISSILE DEFENSE (AMD)</b>	<b>140,826</b>	<b>136,778</b>	<b>-4,048</b>
System engineering/project management cost growth		-1,500	
Recurring logistics growth		-2,548	
<b>2 MSE MISSILE</b>	<b>459,040</b>	<b>456,500</b>	<b>-2,540</b>
Obsolescence cost growth		-1,540	
System engineering/project management cost growth		-1,000	
<b>5 HELLFIRE SYS SUMMARY</b>	<b>94,790</b>	<b>104,860</b>	<b>10,070</b>
Program increase - 106 missiles		10,070	
<b>6 JOINT AIR-TO-GROUND MSLs (JAGM)</b>	<b>178,432</b>	<b>160,126</b>	<b>-18,306</b>
Unit cost growth		-18,306	
<b>11 GUIDED MLRS ROCKET (GMLRS)</b>	<b>595,182</b>	<b>604,215</b>	<b>9,033</b>
Program increase		13,000	
Unit cost growth		-3,967	
<b>12 MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)</b>	<b>28,321</b>	<b>20,421</b>	<b>-7,900</b>
Historical underexecution		-7,900	
<b>15 PATRIOT MODS</b>	<b>329,073</b>	<b>339,073</b>	<b>10,000</b>
Program increase - information coordination systems		10,000	
<b>16 ATACMS MODS</b>	<b>116,040</b>	<b>184,096</b>	<b>68,056</b>
Program increase - 75 missiles		69,400	
Historical underexecution		-1,344	
<b>23 SPARES AND REPAIR PARTS</b>	<b>18,915</b>	<b>17,096</b>	<b>-1,819</b>
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
-----						
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
<b>1 BRADLEY PROGRAM</b>	<b>0</b>	<b>283,050</b>	<b>283,050</b>
Program increase - 85 vehicles		283,050	
<b>2 ARMORED MULTI-PURPOSE VEHICLE</b>	<b>193,715</b>	<b>304,415</b>	<b>110,700</b>
Program increase - 24 vehicles		110,700	
<b>4 STRYKER (MOD)</b>	<b>97,522</b>	<b>96,522</b>	<b>-1,000</b>
C4I obsolescence engineer support growth		-1,000	
<b>5 STRYKER UPGRADE</b>	<b>0</b>	<b>348,000</b>	<b>348,000</b>
Program increase - 116 Double V-Hull upgrades		348,000	
<b>6 BRADLEY PROGRAM (MOD)</b>	<b>444,851</b>	<b>431,746</b>	<b>-13,105</b>
ECP1 modification unit cost growth		-13,105	
<b>7 M109 FOV Modifications</b>	<b>64,230</b>	<b>57,642</b>	<b>-6,588</b>
Historical underexecution		-6,588	
<b>9 IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)</b>	<b>72,402</b>	<b>153,378</b>	<b>80,976</b>
Program increase - 19 vehicles		85,975	
Fielding costs for unfunded RAA items		-1,175	
Management costs for unfunded RAA items		-3,824	
<b>14 M1 ABRAMS TANK (MOD)</b>	<b>248,826</b>	<b>221,003</b>	<b>-27,823</b>
CROWS field upgrade unit cost growth		-27,823	
<b>15 ABRAMS UPGRADE PROGRAM</b>	<b>275,000</b>	<b>641,240</b>	<b>366,240</b>
Program increase - 29 tanks		375,000	
Government support cost growth		-8,760	
<b>20 MORTAR SYSTEMS</b>	<b>21,452</b>	<b>19,307</b>	<b>-2,145</b>
Insufficient budget justification		-2,145	
<b>21 XM320 GRENADE LAUNCHER MODULE (GLM)</b>	<b>4,524</b>	<b>3,360</b>	<b>-1,164</b>
Historical underexecution		-1,164	
<b>27 M777 MODS</b>	<b>3,985</b>	<b>1,615</b>	<b>-2,370</b>
Historical underexecution		-2,370	
<b>28 M4 CARBINE MODS</b>	<b>31,315</b>	<b>31,069</b>	<b>-246</b>
Improved weapons cleaning kit unit price growth		-246	
<b>33 M119 MODIFICATIONS</b>	<b>12,678</b>	<b>11,411</b>	<b>-1,267</b>
Insufficient budget justification		-1,267	
<b>34 MORTAR MODIFICATION</b>	<b>3,998</b>	<b>3,307</b>	<b>-691</b>
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	480	38,210	---	-10,780
16	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES.....	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		7,441		7,441		
22		19,345		17,603		-1,742
23		22,759		22,615		-144
24		2,583		1,613		-970
25		13,084		12,062		-1,022
MISCELLANEOUS						
26		12,237		12,237		
27		1,500		1,500		
28		10,730		10,730		
29		16,425		14,783		-1,642
30		15,221		15,221		
-----						
TOTAL, AMMUNITION		1,348,383		1,280,908		-67,475
AMMUNITION PRODUCTION BASE SUPPORT						
PRODUCTION BASE SUPPORT						
32		329,356		329,356		
33		197,825		197,825		
34		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
<b>1 CTG, 5.56MM, ALL TYPES</b>	<b>39,767</b>	<b>37,467</b>	<b>-2,300</b>
Clipped military pack unit cost growth		-2,300	
<b>2 CTG, 7.62MM, ALL TYPES</b>	<b>46,804</b>	<b>46,425</b>	<b>-379</b>
M80A1 ball linked, lead free unit cost growth		-379	
<b>3 CTG, HANDGUN, ALL TYPES</b>	<b>10,413</b>	<b>9,372</b>	<b>-1,041</b>
Insufficient budget justification		-1,041	
<b>15 PROJ 155MM EXTENDED RANGE XM982</b>	<b>49,000</b>	<b>38,210</b>	<b>-10,790</b>
Complete round unit cost growth		-10,790	
<b>17 MINES AND CLEARING CHARGES</b>	<b>3,942</b>	<b>2,387</b>	<b>-1,555</b>
Insufficient budget justification		-1,555	
<b>20 ROCKET, HYDRA 70, ALL TYPES</b>	<b>161,155</b>	<b>115,265</b>	<b>-45,890</b>
Ammo-HYDRA unit cost growth		-45,890	
<b>22 DEMOLITION MUNITIONS, ALL TYPES</b>	<b>19,345</b>	<b>17,603</b>	<b>-1,742</b>
Historical underexecution		-1,742	
<b>23 GRENADES, ALL TYPES</b>	<b>22,759</b>	<b>22,615</b>	<b>-144</b>
White smoke M83 unit cost growth		-144	
<b>24 SIGNALS, ALL TYPES</b>	<b>2,583</b>	<b>1,613</b>	<b>-970</b>
Historical underexecution		-970	
<b>25 SIMULATORS, ALL TYPES</b>	<b>13,084</b>	<b>12,062</b>	<b>-1,022</b>
Historical underexecution		-1,022	
<b>29 AMMUNITION PECULIAR EQUIPMENT</b>	<b>16,425</b>	<b>14,783</b>	<b>-1,642</b>
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 QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
OTHER PROCUREMENT, ARMY						
TACTICAL AND SUPPORT VEHICLES						
TACTICAL VEHICLES						
1		9,716		9,716		
TACTICAL TRAILERS/DOLLY SETS.....						
2		14,151		12,736		-1,415
SEMITRAILERS, FLATBED.....						
3		53,000		53,000		
HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV)...						
4		40,935		40,935		
GROUND MOBILITY VEHICLES (GMV).....						
5				100,000		+100,000
ARNG HMMWV MODERNIZATION PROGRAM.....						
6	2,110	804,440	2,110	774,440		-30,000
JOINT LIGHT TACTICAL VEHICLE.....						
7		967		967		
TRUCK, DUMP, 20t (CCE).....						
8		78,650		73,650		-5,000
FAMILY OF MEDIUM TACTICAL VEH (FMTV).....						
9		19,404		17,464		-1,940
FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN.....						
10		81,656		77,195		-4,461
FAMILY OF HEAVY TACTICAL VEHICLES (FHTV).....						
11		7,129		7,129		
PLS ESP.....						
13		43,040		42,040		-1,000
TACTICAL WHEELED VEHICLE PROTECTION KITS.....						
14		83,940		65,808		-18,132
MODIFICATION OF IN SVC EQUIP.....						
NON-TACTICAL VEHICLES						
16		269		269		
HEAVY ARMORED SEDAN.....						
17		1,320		1,320		
PASSENGER CARRYING VEHICLES.....						
18		6,964		5,347		-1,617
NONTACTICAL VEHICLES, OTHER.....						
TOTAL, TACTICAL AND SUPPORT VEHICLES.....						
		1,245,581		1,282,016		+36,435
COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
COMM - JOINT COMMUNICATIONS						
19		420,492		420,492		
WIN-T - GROUND FORCES TACTICAL NETWORK.....						
20		92,718		91,183		-1,535
SIGNAL MODERNIZATION PROGRAM.....						
21		150,497		120,398		-30,099
TACTICAL NETWORK TECHNOLOGY MOD IN SERVICE.....						
22		6,065		6,065		
JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY.....						
23		5,051		5,051		
JCSE EQUIPMENT (USREDCOM).....						
COMM - SATELLITE COMMUNICATIONS						
26		161,383		157,944		-3,439
DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS.....						
27		62,600		62,600		
TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS.....						
28		11,622		11,622		
SHF TERM.....						
30		6,799		6,799		
SMART-T (SPACE).....						
31		7,065		7,065		
GLOBAL BRDCST SVC - GBS.....						
33		21,667		21,667		
ENROUTE MISSION COMMAND (EMC).....						

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
35	---	70	---	70	---	---
COMM - COMBAT SUPPORT COMM						
	---		---		---	---
36	---	2,658	---	2,658	---	---
COMM - C3 SYSTEM						
	---		---		---	---
38	---	355,351	---	355,351	---	---
COMM - COMBAT COMMUNICATIONS						
	---		---		---	---
39	---	25,100	---	22,174	---	-2,926
40	---	11,160	---	11,160	---	---
42	---	2,041	---	2,041	---	---
43	---	5,534	---	5,534	---	---
44	---	996	---	996	---	---
45	---	4,500	---	4,500	---	---
47	---	4,411	---	4,411	---	---
48	---	15,275	---	13,748	---	-1,527
49	---	15,964	---	14,368	---	-1,596
COMM - INTELLIGENCE COMM						
51	---	9,560	---	9,560	---	---
52	---	4,030	---	4,030	---	---
INFORMATION SECURITY						
56	---	107,804	---	104,484	---	-3,320
57	---	53,436	---	53,436	---	---
58	---	690	---	690	---	---
59	---	4,000	---	4,000	---	---
COMM - LONG HAUL COMMUNICATIONS						
60	---	43,751	---	31,537	---	-12,214
COMM - BASE COMMUNICATIONS						
61	---	118,101	---	85,431	---	-32,670
62	---	4,490	---	4,490	---	---
63	---	20,050	---	20,050	---	---
64	---	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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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 (HMEE) 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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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.....	---	38,289	---	38,289	---	---
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
<b>2 SEMITRAILERS, FLATBED</b> Insufficient budget justification	14,151	12,736 -1,415	-1,415
<b>5 ARMY NATIONAL GUARD HMMWV MODERNIZATION</b> Program increase	0	100,000 100,000	100,000
<b>6 JOINT LIGHT TACTICAL VEHICLE</b> Insufficient budget justification	804,440	774,440 -30,000	-30,000
<b>8 FAMILY OF MEDIUM TACTICAL VEH (FMTV)</b> Schedule slip	78,650	73,650 -5,000	-5,000
<b>9 FIRETRUCKS &amp; ASSOCIATED FIREFIGHTING EQUIPMENT</b> Insufficient budget justification	19,404	17,464 -1,940	-1,940
<b>10 FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)</b> Trailers unit cost growth System engineering growth	81,656	77,195 -3,238 -1,223	-4,461
<b>13 TACTICAL WHEELED VEHICLE PROTECTION KITS</b> Engineering/program management growth	43,040	42,040 -1,000	-1,000
<b>14 MODIFICATION OF IN SVC EQUIP</b> Installation cost growth	83,940	65,808 -18,132	-18,132
<b>18 NONTACTICAL VEHICLES, OTHER</b> Insufficient budget justification	6,964	5,347 -1,617	-1,617
<b>20 SIGNAL MODERNIZATION PROGRAM</b> Cellular solution hardware unit cost growth TROPO hardware equipment unit cost growth	92,718	91,183 -189 -1,346	-1,535
<b>21 TACTICAL NETWORK TECHNOLOGY MOD IN SVC</b> Insufficient budget justification	150,497	120,398 -30,099	-30,099
<b>26 DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS</b> Program management growth Common network planning system unit cost growth Remote monitor control unit cost growth	161,383	157,944 -1,120 -978 -1,341	-3,439
<b>39 MID-TIER NETWORKING VEHICULAR RADIO (MNVR)</b> Program management administration cost growth	25,100	22,174 -2,926	-2,926
<b>48 UNIFIED COMMAND SUITE</b> Insufficient budget justification	15,275	13,748 -1,527	-1,527
<b>49 FAMILY OF MED COMM FOR COMBAT CASUALTY CARE</b> Insufficient budget justification	15,964	14,368 -1,596	-1,596
<b>56 COMMUNICATIONS SECURITY (COMSEC)</b> In-line network encryptors unit cost growth Government management increases	107,804	104,484 -1,905 -1,415	-3,320

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

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

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

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

P-1	Budget Request	Committee Recommended	Change from Request
<b>56 MAGTF EW FOR AVIATION</b>	<b>10,111</b>	<b>9,100</b>	<b>-1,011</b>
Insufficient budget justification		-1,011	
<b>57 MQ-8 SERIES</b>	<b>32,361</b>	<b>27,476</b>	<b>-4,885</b>
Training previously funded (OSIP 021-14)		-3,444	
Training previously funded (OSIP 010-17)		-1,441	
<b>59 V-22 (TILT/ROTOR ACFT) OSPREY</b>	<b>228,321</b>	<b>211,841</b>	<b>-16,480</b>
A kits previously funded (OSIP 028-12)		-5,198	
Installation kits NRE previously funded (OSIP 028-12)		-11,282	
<b>65 COMMON GROUND EQUIPMENT</b>	<b>388,052</b>	<b>359,549</b>	<b>-28,503</b>
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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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	SEWINDER.....	185 79,692	185	77,608	---	-2,084
6	JSOW.....	---	---	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	---	---
13	STAND OFF PRECISION GUIDED MUNITIONS (SOPGM).....	19 3,122	19	2,370	---	-752
14	AERIAL TARGETS.....	---	---	122,173	---	-2,584
15	OTHER MISSILE SUPPORT.....	---	---	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.....	---	---	8,650	---	-8,650
20	HARM MODS.....	---	---	183,368	---	---
21	STANDARD MISSILES MODS.....	---	---	10,556	---	-1,173
SUPPORT EQUIPMENT AND FACILITIES						
22	WEAPONS INDUSTRIAL FACILITIES.....	---	---	4,021	---	---
23	FLEET SATELLITE COMM FOLLOW-ON.....	---	---	37,524	---	-8,833
ORDNANCE SUPPORT EQUIPMENT						
25	ORDNANCE SUPPORT EQUIPMENT.....	---	---	47,159	---	---
-----						
	TOTAL, OTHER MISSILES.....	1,601,372		1,615,919		+14,547

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
TORPEDOES AND RELATED EQUIPMENT						
TORPEDOES AND RELATED EQUIP						
26	---	5,240	---	5,240	---	---
27	17	44,771	17	44,771	---	---
28	---	12,399	---	11,159	---	-1,240
MOD OF TORPEDOES AND RELATED EQUIP						
29	---	104,044	---	99,999	---	-4,045
30	---	38,954	---	38,954	---	---
31	---	10,337	---	5,168	---	-5,169
SUPPORT EQUIPMENT						
32	---	70,383	---	67,744	---	-2,639
33	---	3,864	---	3,864	---	---
DESTINATION TRANSPORTATION						
34	---	3,961	---	3,961	---	---
-----						
		293,953		280,860		-13,093
OTHER WEAPONS						
GUNS AND GUN MOUNTS						
35	---	11,332	---	10,199	---	-1,133
MODIFICATION OF GUNS AND GUN MOUNTS						
36	---	72,698	---	72,698	---	---
37	---	38,931	---	38,931	---	---
38	---	76,025	---	71,328	---	-4,697
39	110	13,110	110	7,943	---	-5,167
40	---	34,825	---	34,825	---	---
41	---	16,925	---	15,232	---	-1,693
-----						
		263,846		251,156		-12,690
43	---	110,255	---	98,287	---	-11,968
-----						
		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
<b>1 TRIDENT II MODS</b>	<b>1,143,595</b>	<b>1,134,518</b>	<b>-9,077</b>
Fuze sustainment excess growth		-9,077	
<b>3 TOMAHAWK</b>	<b>134,375</b>	<b>151,581</b>	<b>17,206</b>
Unit cost growth		-14,994	
Program increase - 26 missiles		32,200	
<b>4 AMRAAM</b>	<b>197,109</b>	<b>173,305</b>	<b>-23,804</b>
Re-phase missile buys due to DMS and F3R delay		-19,980	
Special tooling and test equipment excess growth		-3,824	
<b>5 SIDEWINDER</b>	<b>79,692</b>	<b>77,608</b>	<b>-2,084</b>
Support cost carryover		-2,084	
<b>9 RAM</b>	<b>58,587</b>	<b>106,587</b>	<b>48,000</b>
Program increase - 60 missiles		48,000	
<b>13 STAND OFF PRECISION GUIDED MUNITIONS (SOPGM)</b>	<b>3,122</b>	<b>2,370</b>	<b>-752</b>
Insufficient budget justification		-752	
<b>14 AERIAL TARGETS</b>	<b>124,757</b>	<b>122,173</b>	<b>-2,584</b>
Other targets unit cost growth		-2,584	
<b>17 ESSM</b>	<b>74,524</b>	<b>71,745</b>	<b>-2,779</b>
Excess support growth		-2,779	
<b>19 HARPOON MODS</b>	<b>17,300</b>	<b>8,650</b>	<b>-8,650</b>
Insufficient budget justification		-8,650	
<b>21 STANDARD MISSILES MODS</b>	<b>11,729</b>	<b>10,556</b>	<b>-1,173</b>
Insufficient budget justification		-1,173	
<b>23 FLEET SATELLITE COMM FOLLOW-ON</b>	<b>46,357</b>	<b>37,524</b>	<b>-8,833</b>
Ground system updates excess growth		-8,833	
<b>28 ASW TARGETS</b>	<b>12,399</b>	<b>11,159</b>	<b>-1,240</b>
Insufficient budget justification		-1,240	
<b>29 MK-54 TORPEDO MODS</b>	<b>104,044</b>	<b>99,999</b>	<b>-4,045</b>
MK-54 NRE excess growth		-4,045	
<b>31 QUICKSTRIKE MINE</b>	<b>10,337</b>	<b>5,168</b>	<b>-5,169</b>
Insufficient budget justification		-5,169	
<b>32 TORPEDO SUPPORT EQUIPMENT</b>	<b>70,383</b>	<b>67,744</b>	<b>-2,639</b>
MK 28 stabilizer unit cost growth		-1,051	
Heavyweight other equipment excess growth		-1,588	
<b>35 SMALL ARMS AND WEAPONS</b>	<b>11,332</b>	<b>10,199</b>	<b>-1,133</b>
Insufficient budget justification		-1,133	

P-1	Budget Request	Committee Recommended	Change from Request
<b>38 GUN MOUNT MODS</b>	<b>76,025</b>	<b>71,328</b>	<b>-4,697</b>
MK38 upgrade kits excess growth		-4,697	
<b>39 LCS MODULE WEAPONS</b>	<b>13,110</b>	<b>7,943</b>	<b>-5,167</b>
Insufficient budget justification		-5,167	
<b>41 AIRBORNE MINE NEUTRALIZATION SYSTEMS</b>	<b>16,925</b>	<b>15,232</b>	<b>-1,693</b>
Insufficient budget justification		-1,693	
<b>43 SPARES AND REPAIR PARTS</b>	<b>110,255</b>	<b>98,287</b>	<b>-11,968</b>
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
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
<b>1 GENERAL PURPOSE BOMBS</b>	<b>34,882</b>	<b>30,402</b>	<b>-4,480</b>
Q2181 laser guided bombs unit cost savings		-4,480	
<b>3 AIRBORNE ROCKETS, ALL TYPES</b>	<b>79,318</b>	<b>68,900</b>	<b>-10,418</b>
MK-66 rocket motor unit cost growth		-2,486	
Insufficient budget justification		-7,932	
<b>4 MACHINE GUN AMMUNITION</b>	<b>14,112</b>	<b>11,290</b>	<b>-2,822</b>
Insufficient budget justification		-2,822	
<b>6 CARTRIDGES &amp; CART ACTUATED DEVICES</b>	<b>57,718</b>	<b>51,946</b>	<b>-5,772</b>
Insufficient budget justification		-5,772	
<b>7 AIR EXPENDABLE COUNTERMEASURES</b>	<b>65,908</b>	<b>59,317</b>	<b>-6,591</b>
Insufficient budget justification		-6,591	
<b>11 INTERMEDIATE CALIBER GUN AMMUNITION</b>	<b>12,804</b>	<b>10,243</b>	<b>-2,561</b>
Insufficient budget justification		-2,561	
<b>12 OTHER SHIP GUN AMMUNITION</b>	<b>41,594</b>	<b>38,893</b>	<b>-2,701</b>
30MM APFSDS-T contract delay		-2,701	
<b>13 SMALL ARMS &amp; LANDING PARTY AMMO</b>	<b>49,401</b>	<b>48,821</b>	<b>-580</b>
9MM cartridges contract delay		-580	
<b>14 PYROTECHNIC AND DEMOLITION</b>	<b>9,495</b>	<b>8,545</b>	<b>-950</b>
Insufficient budget justification		-950	
<b>16 AMMUNITION LESS THAN \$5 MILLION</b>	<b>3,080</b>	<b>2,780</b>	<b>-300</b>
Insufficient budget justification		-300	
<b>23 DIRECT SUPPORT MUNITIONS</b>	<b>64,045</b>	<b>59,755</b>	<b>-4,290</b>
120MM insufficient budget justification		-2,282	
HX07 previously funded		-2,008	
<b>24 INFANTRY WEAPONS AMMUNITION</b>	<b>91,456</b>	<b>89,700</b>	<b>-1,756</b>
MK281 unit cost growth		-1,756	
<b>29 COMBAT SUPPORT MUNITIONS</b>	<b>11,788</b>	<b>9,430</b>	<b>-2,358</b>
Insufficient budget justification		-2,358	
<b>32 AMMO MODERNIZATION</b>	<b>17,862</b>	<b>14,290</b>	<b>-3,572</b>
Insufficient budget justification		-3,572	
<b>33 ARTILLERY MUNITIONS</b>	<b>79,427</b>	<b>72,480</b>	<b>-6,947</b>
155mm HE M795 insufficient budget justification		-5,989	
Fuze unit cost growth		-958	
<b>34 ITEMS LESS THAN \$5 MILLION</b>	<b>5,960</b>	<b>5,364</b>	<b>-596</b>
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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
SHIPBUILDING & CONVERSION, NAVY						
FLEET BALLISTIC MISSILE SHIPS						
1						
		842,853		842,853		
OTHER WARSHIPS						
2		1,880,714		1,869,646		-11,068
3		2,561,058		2,561,058		
4	2	3,305,315	2	3,305,315		
5		1,920,596		1,920,596		
6		1,604,890		1,569,669		-35,221
7		75,897		75,897		
8		223,968		164,976		-58,992
9	2	3,499,079	2	3,499,079		
10		90,336		90,336		
11	1	636,146	3	1,566,971	+2	+930,825
		15,797,999		16,623,543		+825,544
AMPHIBIOUS SHIPS						
14			1	635,000	+1	+635,000
15		1,710,927		1,695,077		-15,850
		1,710,927		2,330,077		+619,150

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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
<b>2 CARRIER REPLACEMENT PROGRAM</b>	<b>1,880,714</b>	<b>1,869,646</b>	<b>-11,068</b>
CANES contract award delay		-11,068	
<b>6 CVN REFUELING OVERHAUL</b>	<b>1,604,890</b>	<b>1,569,669</b>	<b>-35,221</b>
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	
<b>8 DDG 1000</b>	<b>223,968</b>	<b>164,976</b>	<b>-58,992</b>
Total ship computing environment cost growth		-14,000	
VLS MK57 4-cell modules cost growth		-44,992	
<b>11 LITTORAL COMBAT SHIP</b>	<b>636,146</b>	<b>1,566,971</b>	<b>930,825</b>
Plans cost growth		-19,175	
Program increase - two ships		950,000	
<b>14 EXPEDITIONARY SEA BASE</b>	<b>0</b>	<b>635,000</b>	<b>635,000</b>
Program increase - one ESB		635,000	
<b>15 LHA REPLACEMENT</b>	<b>1,710,927</b>	<b>1,695,077</b>	<b>-15,850</b>
EASR cost growth		-15,850	
<b>18 TAO FLEET OILER</b>	<b>465,988</b>	<b>449,415</b>	<b>-16,573</b>
Engineering services cost growth		-16,573	
<b>24 OUTFITTING</b>	<b>548,703</b>	<b>542,626</b>	<b>-6,077</b>
Virginia class outfitting cost growth		-1,689	
Virginia class post-delivery cost growth		-4,388	
<b>25 SHIP TO SHORE CONNECTOR</b>	<b>212,554</b>	<b>390,554</b>	<b>178,000</b>
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.

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
DOG 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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
ASW ELECTRONIC EQUIPMENT						
49 SUBMARINE ACOUSTIC WARFARE SYSTEM.....	---	21,449	---	21,449	---	---
50 SSTD.....	---	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/SLQ-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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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	---	10,155	---	-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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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 CAISR 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
<b>3 SURFACE POWER EQUIPMENT</b>	<b>41,910</b>	<b>37,719</b>	<b>-4,191</b>
Insufficient budget justification		-4,191	
<b>4 HYBRID ELECTRIC DRIVE (HED)</b>	<b>6,331</b>	<b>5,698</b>	<b>-633</b>
Insufficient budget justification		-633	
<b>5 SURFACE COMBATANT HM&amp;E</b>	<b>27,392</b>	<b>26,651</b>	<b>-741</b>
Thermal management control system equipment excess installaton		-741	
<b>6 OTHER NAVIGATION EQUIPMENT</b>	<b>65,943</b>	<b>61,071</b>	<b>-4,872</b>
Insufficient budget justification		-4,872	
<b>SUB PERISCOPES AND IMAGING SUPPORT 8 EQUIPMENT PROGRAM</b>	<b>151,240</b>	<b>150,240</b>	<b>-1,000</b>
ANBLQ-10(V) field change kits unit cost growth		-1,000	
<b>9 DDG MOD</b>	<b>603,355</b>	<b>585,864</b>	<b>-17,491</b>
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	
<b>10 FIREFIGHTING EQUIPMENT</b>	<b>15,887</b>	<b>14,298</b>	<b>-1,589</b>
Insufficient budget justification		-1,589	
<b>12 LHA/LHD MIDLIFE</b>	<b>30,287</b>	<b>29,134</b>	<b>-1,153</b>
LH001 installations insufficient budget justification		-1,153	
<b>14 POLLUTION CONTROL EQUIPMENT</b>	<b>17,293</b>	<b>15,564</b>	<b>-1,729</b>
Insufficient budget justification		-1,729	
<b>15 SUBMARINE SUPPORT EQUIPMENT</b>	<b>27,990</b>	<b>26,306</b>	<b>-1,684</b>
Installations insufficient budget justification		-1,684	
<b>17 LCS CLASS SUPPORT EQUIPMENT</b>	<b>47,955</b>	<b>37,836</b>	<b>-10,119</b>
MT-30 gas turbine engine previously funded		-5,323	
Insufficient budget justification		-4,796	
<b>18 SUBMARINE BATTERIES</b>	<b>17,594</b>	<b>15,835</b>	<b>-1,759</b>
Insufficient budget justification		-1,759	
<b>19 LPD CLASS SUPPORT EQUIPMENT</b>	<b>61,908</b>	<b>54,702</b>	<b>-7,206</b>
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
<b>21 STRATEGIC PLATFORM SUPPORT EQUIP</b>	<b>15,812</b>	<b>14,231</b>	<b>-1,581</b>
Insufficient budget justification		-1,581	
<b>23 CRUISER MODERNIZATION</b>	<b>306,050</b>	<b>284,446</b>	<b>-21,604</b>
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	
<b>26 ITEMS LESS THAN \$5 MILLION</b>	<b>96,909</b>	<b>88,844</b>	<b>-8,065</b>
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	
<b>27 CHEMICAL WARFARE DETECTORS</b>	<b>3,036</b>	<b>2,656</b>	<b>-380</b>
Excess to need		-380	
<b>28 SUBMARINE LIFE SUPPORT SYSTEM</b>	<b>10,364</b>	<b>4,629</b>	<b>-5,735</b>
Unjustified growth		-5,735	
<b>31 DIVING AND SALVAGE EQUIPMENT</b>	<b>10,619</b>	<b>8,331</b>	<b>-2,288</b>
Unjustified growth		-2,288	
<b>32 STANDARD BOATS</b>	<b>46,094</b>	<b>43,789</b>	<b>-2,305</b>
Insufficient budget justification		-2,305	
<b>34 OPERATING FORCES IPE</b>	<b>191,541</b>	<b>172,571</b>	<b>-18,970</b>
Shipyard capital investment program insufficient budget justification		-18,970	
<b>36 LCS COMMON MISSION MODULES EQUIPMENT</b>	<b>34,666</b>	<b>19,380</b>	<b>-15,286</b>
Mission bay training devices early to need		-15,286	
<b>37 LCS MCM MISSION MODULES</b>	<b>55,870</b>	<b>43,324</b>	<b>-12,546</b>
ALMDS unit cost growth		-4,120	
COBRA previously funded		-922	
MCM support equipment excess to need		-7,504	
<b>39 LCS SUW MISSION MODULES</b>	<b>52,960</b>	<b>47,664</b>	<b>-5,296</b>
insufficient budget justification		-5,296	
<b>40 LCS IN-SERVICE MODERNIZATION</b>	<b>74,426</b>	<b>43,122</b>	<b>-31,304</b>
Habitability modifications early to need		-24,504	
Design changes early to need		-6,800	
<b>42 LSD MIDLIFE AND MODERNIZATION</b>	<b>89,536</b>	<b>49,536</b>	<b>-40,000</b>
LCS budget errata		-40,000	
<b>43 SPQ-9B RADAR</b>	<b>30,086</b>	<b>18,692</b>	<b>-11,394</b>
Insufficient budget justification		-1,394	
LCS budget errata		-10,000	
<b>44 AN/SQQ-89 SURF ASW COMBAT SYSTEM</b>	<b>102,222</b>	<b>100,222</b>	<b>-2,000</b>
Installation cost growth		-2,000	

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

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

P-1	Budget Request	Committee Recommended	Change from Request
<b>121 SHIP MISSILE SUPPORT EQUIPMENT</b>	<b>272,359</b>	<b>264,334</b>	<b>-8,025</b>
NATO seasparrow equipment modernization previously funded		-2,621	
Installations insufficient budget justification		-2,864	
SSDS cots conversion kits unjustified request		-2,540	
<b>123 STRATEGIC MISSILE SYSTEMS EQUIP</b>	<b>246,221</b>	<b>236,097</b>	<b>-10,124</b>
Instrumentation refresh unjustified growth		-10,124	
<b>124 SSN COMBAT CONTROL SYSTEMS</b>	<b>129,972</b>	<b>128,727</b>	<b>-1,245</b>
Installations insufficient budget justification		-1,245	
<b>128 SUBMARINE TRAINING DEVICE MODS</b>	<b>74,550</b>	<b>72,756</b>	<b>-1,794</b>
SMMTT mods kits excess growth		-1,794	
<b>130 SURFACE TRAINING EQUIPMENT</b>	<b>83,022</b>	<b>78,480</b>	<b>-4,542</b>
BFFT ship sets unit cost growth		-2,602	
BFFT upgrade kits unit cost growth		-1,940	
<b>133 CONSTRUCTION &amp; MAINTENANCE EQUIP</b>	<b>34,970</b>	<b>33,477</b>	<b>-1,493</b>
Loader unit cost growth		-1,493	
<b>136 AMPHIBIOUS EQUIPMENT</b>	<b>12,162</b>	<b>10,946</b>	<b>-1,216</b>
Insufficient budget justification		-1,216	
<b>138 ITEMS UNDER \$5 MILLION</b>	<b>18,084</b>	<b>16,276</b>	<b>-1,808</b>
Insufficient budget justification		-1,808	
<b>146 TRAINING AND EDUCATION EQUIPMENT</b>	<b>25,624</b>	<b>20,136</b>	<b>-5,488</b>
Training delivery systems unjustified request		-5,488	
<b>147 COMMAND SUPPORT EQUIPMENT</b>	<b>59,076</b>	<b>48,665</b>	<b>-10,411</b>
Converged ERP unjustified cost growth		-3,311	
Deployable mission support systems excess growth		-7,100	
<b>149 MEDICAL SUPPORT EQUIPMENT</b>	<b>4,383</b>	<b>11,383</b>	<b>7,000</b>
Program increase - expeditionary medical facilities		7,000	
<b>156 ENTERPRISE INFORMATION TECHNOLOGY</b>	<b>19,789</b>	<b>17,810</b>	<b>-1,979</b>
Insufficient budget justification		-1,979	
<b>160 NEXT GENERATION ENTERPRISE SERVICE</b>	<b>104,584</b>	<b>89,178</b>	<b>-15,406</b>
MGEM tech refresh unjustified growth		-15,406	
<b>161 SPARES AND REPAIR PARTS</b>	<b>278,565</b>	<b>268,013</b>	<b>-10,552</b>
Prior year carryover		-10,552	
<b>999 CLASSIFIED PROGRAMS</b>	<b>23,707</b>	<b>10,600</b>	<b>-13,107</b>
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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
-----						
PROCUREMENT, MARINE CORPS						
WEAPONS AND COMBAT VEHICLES						
TRACKED COMBAT VEHICLES						
1		107,665		100,867		-6,808
2	28	161,511	26	158,326		-3,185
3		17,244		13,804		-3,440
ARTILLERY AND OTHER WEAPONS						
4		626		626		
5		20,259		20,259		
6		59,943		54,753		-5,190
7		19,616		11,941		-7,675
OTHER SUPPORT						
8		17,778		14,223		-3,555
		404,642		374,789		-29,853
-----						
GUIDED MISSILES AND EQUIPMENT						
GUIDED MISSILES						
10		9,432		9,432		
11	222	41,159	222	35,026		-6,133
12		25,125		19,053		-6,072
13		51,553		46,509		-5,044
		127,269		110,020		-17,249
-----						

(DOLLARS IN THOUSANDS)

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

(DOLLARS IN THOUSANDS)

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

P-1	Budget Request	Committee Recommended	Change from Request
<b>29 UNMANNED AIR SYSTEMS (INTEL)</b>	<b>10,154</b>	<b>9,139</b>	<b>-1,015</b>
Insufficient budget justification		-1,015	
<b>30 DCGS-MC</b>	<b>13,462</b>	<b>10,770</b>	<b>-2,692</b>
Insufficient budget justification		-2,692	
<b>31 UAS PAYLOADS</b>	<b>14,193</b>	<b>7,057</b>	<b>-7,136</b>
Insufficient budget justification		-7,136	
<b>35 NEXT GENERATION ENTERPRISE NETWORK (NGEN)</b>	<b>98,511</b>	<b>89,511</b>	<b>-9,000</b>
Wireless local area network excess growth		-9,000	
<b>36 COMMON COMPUTER RESOURCES</b>	<b>66,894</b>	<b>52,781</b>	<b>-14,113</b>
Formal schools technical refresh unjustified growth		-3,276	
SONIC workstations excess growth		-4,148	
Insufficient budget justification		-6,689	
<b>37 COMMAND POST SYSTEMS</b>	<b>186,912</b>	<b>145,691</b>	<b>-41,221</b>
AFATDS unjustified growth		-6,347	
NOTM unjustified growth		-16,183	
Insufficient budget justification		-18,691	
<b>38 RADIO SYSTEMS</b>	<b>34,361</b>	<b>27,489</b>	<b>-6,872</b>
Insufficient budget justification		-6,872	
<b>39 COMM SWITCHING &amp; CONTROL SYSTEMS</b>	<b>54,615</b>	<b>42,607</b>	<b>-12,008</b>
Combat data network equipment previously funded		-12,008	
<b>42 COMMERCIAL CARGO VEHICLES</b>	<b>66,951</b>	<b>54,132</b>	<b>-12,819</b>
Commercial passenger vehicles excess growth		-5,828	
P-19R engineering change proposals excess growth		-6,051	
P-19R program office support previously funded		-940	
<b>44 JOINT LIGHT TACTICAL VEHICLE</b>	<b>233,639</b>	<b>225,207</b>	<b>-8,432</b>
Kits cost growth		-8,432	
<b>46 TRAILERS</b>	<b>10,282</b>	<b>0</b>	<b>-10,282</b>
Unjustified request		-10,282	
<b>52 AMPHIBIOUS SUPPORT EQUIPMENT</b>	<b>5,830</b>	<b>4,664</b>	<b>-1,166</b>
Insufficient budget justification		-1,166	
<b>54 PHYSICAL SECURITY EQUIPMENT</b>	<b>53,477</b>	<b>39,241</b>	<b>-14,236</b>
Collateral equipment early to need		-14,236	
<b>56 TRAINING DEVICES</b>	<b>76,185</b>	<b>63,679</b>	<b>-12,506</b>
Immersive training range support costs early to need		-12,506	
<b>58 FAMILY OF CONSTRUCTION EQUIPMENT</b>	<b>26,286</b>	<b>29,786</b>	<b>3,500</b>
Program increase - laser leveling systems		3,500	
<b>60 ITEMS LESS THAN \$5 MILLION</b>	<b>7,716</b>	<b>6,173</b>	<b>-1,543</b>
Insufficient budget justification		-1,543	
<b>62 SPARES AND REPAIR PARTS</b>	<b>35,640</b>	<b>28,904</b>	<b>-6,736</b>
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 REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
-----						
AIRCRAFT PROCUREMENT, AIR FORCE						
COMBAT AIRCRAFT						
TACTICAL FORCES						
1	F-35	46 4,544,684	50 5,048,684	+4	+504,000	
2	F-35 (AP-CY)	--- 780,300	--- 780,300	---	---	
3	KC-46A TANKER	15 2,545,674	15 2,441,879	---	-103,795	
TOTAL, COMBAT AIRCRAFT		7,870,658	8,270,863		+400,205	
AIRLIFT AIRCRAFT						
OTHER AIRLIFT						
4	C-130J	--- 57,708	6 639,708	+6	+582,000	
6	HC-130J	2 198,502	3 298,502	+1	+100,000	
8	MC-130J	5 379,373	5 379,373	---	---	
9	MC-130J (AP)	--- 30,000	--- 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 10,600	---	+7,905	
OTHER AIRCRAFT						
14	TARGET DRONES	42 109,841	42 109,841	---	---	
17	MQ-9	--- 117,141	12 315,253	+12	+198,112	
15X	COMPASS CALL	---	--- 108,173	---	+108,173	
TOTAL, OTHER AIRCRAFT		229,677	543,867		+314,190	
-----						

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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						
COMMON SUPPORT EQUIPMENT						
68 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
<b>51 COMPASS CALL MODS</b>	<b>166,541</b>	<b>14,572</b>	<b>-151,969</b>
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	
<b>62 HC/MC-130 MODS</b>	<b>67,674</b>	<b>40,313</b>	<b>-27,361</b>
Delayed execution - SA, common configuration, trainers		-27,361	
<b>65 MQ-9 MODS</b>	<b>264,740</b>	<b>261,740</b>	<b>-3,000</b>
Excess to need		-3,000	
<b>67 INITIAL SPARES/REPAIR PARTS</b>	<b>1,041,569</b>	<b>941,569</b>	<b>-100,000</b>
Adjustment for realistic execution		-100,000	
<b>68 AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT</b>	<b>75,846</b>	<b>68,064</b>	<b>-7,782</b>
CAPRE procurement funding ahead of need		-7,782	
<b>81 F-16</b>	<b>18,051</b>	<b>3,051</b>	<b>-15,000</b>
Production line shutdown excess to need		-15,000	
<b>88 C-130J</b>	<b>102,000</b>	<b>0</b>	<b>-102,000</b>
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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
-----						
MISSILE PROCUREMENT, AIR FORCE						
BALLISTIC MISSILES						
MISSILE REPLACEMENT EQUIPMENT - BALLISTIC						
1		99,098		99,098		
MISSILE REPLACEMENT EQ-BALLISTIC						
OTHER MISSILES						
TACTICAL						
2	360	441,367	360	433,117		-8,250
JOINT AIR-SURFACE STANDOFF MISSILE (JASSM)						
3	15	44,728	15	61,728		+17,000
LONG RANGE ANTI-SHIP MISSILE (LRASM)						
4	310	125,350	310	124,650		-700
SIDEWINDER (AIM-9X)						
5	205	304,327	205	268,327		-36,000
AMRAAM						
6	399	34,867	399	34,867		
PREDATOR HELLFIRE MISSILE						
7	5,039	266,030	5,039	257,030		-9,000
SMALL DIAMETER BOMB						
INDUSTRIAL FACILITIES						
8		926		926		
INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION						
-----						
		1,217,595		1,180,645		-36,950
TOTAL, OTHER MISSILES						
MODIFICATION OF INSERVICE MISSILES						
CLASS IV						
9		6,334		6,334		
ICBM FUZE MOD						
10		80,109		63,978		-16,131
MH III MODIFICATIONS						
11		289		289		
AGM-65D MAVERICK						
13		36,425		36,425		
AIR LAUNCH CRUISE MISSILE						
14		14,086		14,086		
SMALL DIAMETER BOMB						
-----						
		137,243		121,112		-16,131
TOTAL, MODIFICATION OF INSERVICE MISSILES						
SPARES AND REPAIR PARTS						
15		101,153		101,153		
INITIAL SPARES/REPAIR PARTS						
SPECIAL PROGRAMS						
20		32,917		32,917		
SPECIAL UPDATE PROGRAMS						
		708,176		668,176		-40,000
CLASSIFIED PROGRAMS						
-----						
		2,296,182		2,203,101		-93,081
TOTAL, MISSILE PROCUREMENT, AIR FORCE						
=====						

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:



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	10,330			
7	B61	30	30	83,668		-13,400
8	B61	30	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
WEAPONS						
14	SMALL 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 <b>ROCKETS</b> Penetrator warhead - delayed fielding decision	147,454	142,729 -4,725	-4,725
2 <b>CARTRIDGES</b> PGU-48 excess to need	161,744	157,744 -4,000	-4,000
7 <b>B61</b> AUR trainers excess to need CMS excess to need	77,068	63,668 -9,900 -3,500	-13,400
15 <b>FLARES</b> Historical underexecution	143,983	106,483 -37,500	-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		15,651		15,651		
CARGO + UTILITY VEHICLES						
2		54,607		50,857		-3,750
3		1,011		1,700		+689
4		28,670		28,670		
SPECIAL PURPOSE VEHICLES						
5		59,398		59,398		
6		19,784		19,784		
FIRE FIGHTING EQUIPMENT						
7		14,768		14,768		
MATERIALS HANDLING EQUIPMENT						
8		13,561		13,561		
BASE MAINTENANCE SUPPORT						
9		3,429		3,429		
10		60,075		60,075		
TOTAL, VEHICULAR EQUIPMENT						
		270,954		267,893		-3,061
ELECTRONICS AND TELECOMMUNICATIONS EQUIP						
COMM SECURITY EQUIPMENT (COMSEC)						
11		115,000		115,000		
INTELLIGENCE PROGRAMS						
13		22,335		22,335		
14		5,892		5,892		
15		34,072		34,072		
ELECTRONICS PROGRAMS						
16		66,143		66,143		
17		12,641		12,641		
18		6,415		6,415		
19		23,233		23,233		
20		40,116		40,116		
21		72,810		72,810		
22		9,864		9,864		
23		15,486		15,486		
25		9,187		9,187		

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
-----						
SPECIAL COMM-ELECTRONICS PROJECTS						
26		51,826		51,826		
27		3,634		3,634		
28		10,083		10,083		
29		201,866		201,866		
30		115,198		63,484		-51,714
31		292		292		
32		62,087		62,087		
33		37,764		37,764		
34		2,826		2,826		
35		1,514		1,514		
36		9,646		9,646		
37		25,533		25,533		
AIR FORCE COMMUNICATIONS						
40		28,159		28,159		
41		160,820		160,820		
42		5,135		5,135		
43		18,719		18,719		

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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 DARP 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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	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
<b>7 INFORMATION SYSTEMS SECURITY</b>	<b>24,805</b>	<b>26,805</b>	<b>2,000</b>
Program increase - Sharkseer		2,000	
<b>27 THAAD SYSTEM</b>	<b>451,592</b>	<b>611,592</b>	<b>160,000</b>
Insufficient budget justification		-5,000	
Program increase - 14 interceptors		165,000	
<b>28 AEGIS BMD</b>	<b>425,018</b>	<b>512,562</b>	<b>87,544</b>
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	
<b>29 AEGIS BMD (AP-CY)</b>	<b>38,738</b>	<b>0</b>	<b>-38,738</b>
Advance procurement early to need		-38,738	
<b>31 ARROW WEAPON SYSTEM</b>	<b>0</b>	<b>120,000</b>	<b>120,000</b>
Program increase for co-production		120,000	
<b>32 DAVID'S SLING WEAPON SYSTEM</b>	<b>0</b>	<b>120,000</b>	<b>120,000</b>
Program increase for co-production		120,000	
<b>34 IRON DOME SYSTEM</b>	<b>42,000</b>	<b>92,000</b>	<b>50,000</b>
Program increase for co-production		50,000	
<b>35 AEGIS BMD HARDWARE AND SOFTWARE</b>	<b>160,330</b>	<b>157,070</b>	<b>-3,260</b>
MDA PNT 4650.05 unjustified request		-3,260	
<b>49 SOF ROTARY WING UPGRADES AND SUSTAINMENT</b>	<b>158,988</b>	<b>148,988</b>	<b>-10,000</b>
Program decrease - silent knight radar		-5,000	
Program decrease - early to need		-5,000	
<b>60 AC/MC-130J</b>	<b>179,934</b>	<b>164,934</b>	<b>-15,000</b>
Program decrease		-15,000	
<b>62 UNDERWATER SYSTEMS</b>	<b>92,606</b>	<b>90,106</b>	<b>-2,500</b>
Program decrease - shallow water combat submersible		-2,500	
<b>64 SOF INTELLIGENCE SYSTEMS</b>	<b>82,538</b>	<b>80,538</b>	<b>-2,000</b>
Program decrease - SOCRATES		-2,000	
<b>69 TACTICAL VEHICLES</b>	<b>63,304</b>	<b>66,304</b>	<b>3,000</b>
Program increase -- non-standard vehicles		3,000	
<b>70 SOF WARRIOR SYSTEMS UNDER \$5M</b>	<b>252,070</b>	<b>257,070</b>	<b>5,000</b>
Program increase -- close air support radios		5,000	
<b>75 SOF OPERATIONAL ENHANCEMENTS</b>	<b>241,429</b>	<b>254,679</b>	<b>13,250</b>
Program increase - enhanced precision strike munitions		13,250	
<b>999 CLASSIFIED PROGRAMS</b>	<b>657,759</b>	<b>572,284</b>	<b>-85,475</b>
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 funding is available to procure vehicles, ships, aircraft, munitions, space systems, missile defense systems, modifications to weapon systems and equipment, other procurement requirements, and emerging requirements deemed by the Secretary of Defense to be in the national security interest of the United States. The Committee directs the Secretary of Defense to notify the congressional defense committees 15 days prior to making transfers of these funds, including identification of the accounts to which funds are being transferred, and the purposes therefor.

## 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
	APPLIED RESEARCH		
5	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
ADVANCED TECHNOLOGY DEVELOPMENT			
29 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
80 ENGINEERING & MANUFACTURING DEVELOPMENT 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 (GFEB).....	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 EXPEDITIONARY (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
RD&E MANAGEMENT SUPPORT			
152 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 RD&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, RD&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
<b>4 UNIVERSITY AND INDUSTRY RESEARCH CENTERS</b>	<b>87,395</b>	<b>107,395</b>	<b>20,000</b>
Materials in extreme dynamic environments		5,000	
Materials technology for high performance polymers research		15,000	
<b>5 MATERIALS TECHNOLOGY</b>	<b>29,640</b>	<b>33,640</b>	<b>4,000</b>
Open campus pilot program		4,000	
<b>11 ADVANCED WEAPONS TECHNOLOGY</b>	<b>22,785</b>	<b>32,785</b>	<b>10,000</b>
High energy laser development for all-terrain vehicles		10,000	
<b>17 WEAPONS AND MUNITIONS TECHNOLOGY</b>	<b>41,455</b>	<b>210,455</b>	<b>169,000</b>
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	
<b>18 ELECTRONICS AND ELECTRONIC DEVICES</b>	<b>58,352</b>	<b>60,352</b>	<b>2,000</b>
Flexible hybrid electronics technology		2,000	
<b>19 NIGHT VISION TECHNOLOGY</b>	<b>34,723</b>	<b>38,723</b>	<b>4,000</b>
Program increase		4,000	
<b>25 MILITARY ENGINEERING TECHNOLOGY</b>	<b>67,720</b>	<b>78,720</b>	<b>11,000</b>
Innovative construction materials for the Arctic		8,000	
Secure management of energy generation and storage		3,000	
<b>26 MANPOWER/PERSONNEL/TRAINING TECHNOLOGY</b>	<b>20,216</b>	<b>16,586</b>	<b>-3,630</b>
Historical underexecution		-3,630	
<b>27 WARFIGHTER TECHNOLOGY</b>	<b>39,559</b>	<b>49,559</b>	<b>10,000</b>
H98 clothing and technology		5,000	
Program increase		5,000	
<b>28 MEDICAL TECHNOLOGY</b>	<b>83,434</b>	<b>85,434</b>	<b>2,000</b>
Burn patient transfer system		2,000	
<b>30 MEDICAL ADVANCED TECHNOLOGY</b>	<b>67,780</b>	<b>98,780</b>	<b>31,000</b>
Peer-reviewed neurotoxin exposure treatment Parkinson's		16,000	
Peer-reviewed neurofibromatosis research		15,000	
<b>31 AVIATION ADVANCED TECHNOLOGY</b>	<b>160,746</b>	<b>173,746</b>	<b>13,000</b>
Future Vertical Lift		10,000	
Joint tactical aerial resupply vehicle		3,000	
<b>32 WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY</b>	<b>84,079</b>	<b>129,079</b>	<b>45,000</b>
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
<b>ARMY TECHNICAL TEST INSTRUMENTATION AND</b>			
<b>160 TARGETS</b>	<b>49,242</b>	<b>59,242</b>	<b>10,000</b>
Cybersecurity of space and missile defense assets		10,000	
<b>170 TECHNICAL INFORMATION ACTIVITIES</b>	<b>33,934</b>	<b>36,934</b>	<b>3,000</b>
Army geospatial mission command		3,000	
<b>171 MUNITIONS STANDARDIZATION, EFFECTIVENESS AND</b>	<b>43,444</b>	<b>53,444</b>	<b>10,000</b>
Program increase		5,000	
Life cycle pilot process		5,000	
<b>183 LONG RANGE PRECISION FIRES (LRPF)</b>	<b>102,014</b>	<b>94,014</b>	<b>-8,000</b>
Cybersecurity software effort early to need		-8,000	
<b>186 CHINOOK HELICOPTER PRODUCT IMPROVEMENT</b>	<b>194,567</b>	<b>173,567</b>	<b>-21,000</b>
Flight simulator early to need		-21,000	
<b>195 AEROSTAT JOINT PROJECT OFFICE</b>	<b>6,749</b>	<b>0</b>	<b>-6,749</b>
JLENS program shutdown previously funded		-6,749	
<b>214 INFORMATION SYSTEMS SECURITY PROGRAM</b>	<b>132,438</b>	<b>107,438</b>	<b>-25,000</b>
Excess growth		-25,000	
<b>224 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS</b>	<b>24,700</b>	<b>20,480</b>	<b>-4,220</b>
Historical underexecution		-4,220	
<b>230 END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES</b>	<b>60,877</b>	<b>80,877</b>	<b>20,000</b>
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.

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				
BASIC RESEARCH				
1	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
APPLIED RESEARCH				
4	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
RDT&E MANAGEMENT SUPPORT			
171 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	---
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

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

R-1	Budget Request	Committee Recommended	Change from Request
<b>1 UNIVERSITY RESEARCH INITIATIVES</b>	<b>118,130</b>	<b>134,130</b>	<b>16,000</b>
Program increase - defense university research instrumentation program		10,000	
Program increase - radar technology		6,000	
<b>5 FORCE PROTECTION APPLIED RESEARCH</b>	<b>125,557</b>	<b>130,557</b>	<b>5,000</b>
Program increase - battery storage and safety		5,000	
<b>OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH</b>			
<b>10 RESEARCH</b>	<b>42,411</b>	<b>62,411</b>	<b>20,000</b>
Program increase - AGOR service life extension program		15,000	
Program increase - naval special warfare maritime science and technology		5,000	
<b>13 FUTURE NAVAL CAPABILITIES APPLIED RESEARCH</b>	<b>156,805</b>	<b>149,836</b>	<b>-6,969</b>
Capable manpower project delay		-1,626	
Sea shield previously funded efforts		-5,343	
<b>MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH</b>			
<b>14 RESEARCH</b>	<b>32,733</b>	<b>34,733</b>	<b>2,000</b>
Program increase		2,000	
<b>INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH</b>			
<b>15 RESEARCH</b>	<b>171,146</b>	<b>164,146</b>	<b>-7,000</b>
Cyber excess growth		-7,000	
<b>MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)</b>			
<b>21 RESEARCH</b>	<b>154,407</b>	<b>148,796</b>	<b>-5,611</b>
Logistics previously funded efforts		-1,900	
Combat service support and force protection excess growth		-3,711	
<b>FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV</b>			
<b>23 RESEARCH</b>	<b>231,772</b>	<b>205,560</b>	<b>-26,212</b>
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	
<b>25 WARFIGHTER PROTECTION ADVANCED TECHNOLOGY</b>	<b>4,878</b>	<b>36,378</b>	<b>31,500</b>
Program increase - bone marrow registry program		31,500	
<b>36 ADVANCED COMBAT SYSTEMS TECHNOLOGY</b>	<b>61,381</b>	<b>40,144</b>	<b>-21,237</b>
Rapid prototype development excess growth		-15,876	
Unmanned rapid prototype development excess growth		-5,361	

R-1	Budget Request	Committee Recommended	Change from Request
<b>SURFACE AND SHALLOW WATER MINE</b>			
<b>37 COUNTERMEASURES</b>	<b>154,117</b>	<b>104,823</b>	<b>-49,294</b>
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	
<b>38 SURFACE SHIP TORPEDO DEFENSE</b>	<b>14,974</b>	<b>24,974</b>	<b>10,000</b>
Program increase		10,000	
<b>40 PILOT FISH</b>	<b>132,083</b>	<b>112,383</b>	<b>-19,700</b>
Unclear budget justification		-19,700	
<b>41 RETRACT LARCH</b>	<b>15,407</b>	<b>11,826</b>	<b>-3,581</b>
Insufficient budget justification		-3,581	
<b>45 ADVANCED SUBMARINE SYSTEM DEVELOPMENT</b>	<b>100,955</b>	<b>100,158</b>	<b>-797</b>
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	
<b>47 SHIP CONCEPT ADVANCED DESIGN</b>	<b>36,891</b>	<b>43,316</b>	<b>6,425</b>
Strategic sealift research and development - transfer from title V		6,425	
<b>48 SHIP PRELIMINARY DESIGN &amp; FEASIBILITY STUDIES</b>	<b>12,012</b>	<b>21,698</b>	<b>9,686</b>
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	
<b>50 ADVANCED SURFACE MACHINERY SYSTEMS</b>	<b>29,953</b>	<b>22,864</b>	<b>-7,089</b>
Cybersecurity boundary defense capability delayed new start		-7,089	
<b>51 CHALK EAGLE</b>	<b>191,610</b>	<b>169,258</b>	<b>-22,352</b>
Unclear budget justification		-22,352	
<b>52 LITTORAL COMBAT SHIP (LCS)</b>	<b>40,991</b>	<b>50,991</b>	<b>10,000</b>
Program increase - LCS training courseware		10,000	
<b>53 COMBAT SYSTEM INTEGRATION</b>	<b>24,674</b>	<b>20,274</b>	<b>-4,400</b>
Digital warfare office - transfer to line 254		-4,400	
<b>55 LITTORAL COMBAT SHIP (LCS) MISSION MODULES</b>	<b>116,871</b>	<b>101,707</b>	<b>-15,164</b>
Mine countermeasures mission packages integration of MCM USV early to need		-5,000	
Anti-submarine warfare mission package excess growth		-10,164	
<b>56 AUTOMATED TEST AND RE-TEST</b>	<b>8,052</b>	<b>20,052</b>	<b>12,000</b>
Program increase		12,000	

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

R-1	Budget Request	Committee Recommended	Change from Request
<b>104 TACTICAL COMMAND SYSTEM</b>	<b>55,695</b>	<b>42,873</b>	<b>-12,822</b>
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	
<b>105 ADVANCED HAWKEYE</b>	<b>292,535</b>	<b>242,197</b>	<b>-50,338</b>
Delayed new start efforts		-50,338	
<b>108 V-22A</b>	<b>171,386</b>	<b>159,254</b>	<b>-12,132</b>
Hardware development airframe previously funded		-3,470	
Aerial refueling system development schedule delays		-8,662	
<b>109 AIR CREW SYSTEMS DEVELOPMENT</b>	<b>13,235</b>	<b>6,617</b>	<b>-6,618</b>
Program delays		-6,618	
<b>110 EA-18</b>	<b>173,488</b>	<b>157,637</b>	<b>-15,851</b>
System configuration set development and integration excess growth		-15,851	
<b>112 EXECUTIVE HELO DEVELOPMENT</b>	<b>451,938</b>	<b>444,938</b>	<b>-7,000</b>
Product development previously funded		-7,000	
<b>113 NEXT GENERATION JAMMER (NGJ)</b>	<b>632,936</b>	<b>628,936</b>	<b>-4,000</b>
Hardware development previously funded		-4,000	
<b>115 NEXT GENERATION JAMMER (NGJ) INCREMENT II</b>	<b>66,686</b>	<b>56,327</b>	<b>-10,359</b>
Test and evaluation early to need		-7,274	
Aircraft integration early to need		-3,085	
<b>SURFACE COMBATANT COMBAT SYSTEM</b>			
<b>116 ENGINEERING</b>	<b>390,238</b>	<b>376,174</b>	<b>-14,064</b>
Aegis - fix mode 4/accelerate 5 concurrent efforts		-14,064	
<b>119 STANDARD MISSILE IMPROVEMENTS</b>	<b>158,578</b>	<b>138,008</b>	<b>-20,570</b>
Future capability demonstration excess growth		-20,570	
<b>125 SSN-688 AND TRIDENT MODERNIZATION</b>	<b>130,981</b>	<b>125,981</b>	<b>-5,000</b>
Sub tactical communication system unclear justification		-5,000	
<b>126 AIR CONTROL</b>	<b>75,186</b>	<b>73,403</b>	<b>-1,783</b>
AN/SPN-35 Block I upgrade delayed new start		-1,783	
<b>128 COMBAT INFORMATION CENTER CONVERSION</b>	<b>8,062</b>	<b>4,397</b>	<b>-3,665</b>
USW-DSS capability improvements delayed new start		-3,665	
<b>131 SUBMARINE TACTICAL WARFARE SYSTEM</b>	<b>50,850</b>	<b>46,303</b>	<b>-4,547</b>
AN/BYG-1 TI-14 delayed new start		-3,047	
Unmanned aerial system delayed new start		-1,500	
<b>132 SHIP CONTRACT DESIGN/LIVE FIRE T&amp;E</b>	<b>67,166</b>	<b>55,024</b>	<b>-12,142</b>
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
<b>136 LIGHTWEIGHT TORPEDO DEVELOPMENT</b>	<b>28,076</b>	<b>21,057</b>	<b>-7,019</b>
Program delays		-7,019	
<b>PERSONNEL, TRAINING, SIMULATION, AND HUMAN</b>			
<b>138 FACTORS</b>	<b>40,828</b>	<b>18,995</b>	<b>-21,833</b>
Excess growth		-21,833	
<b>141 SHIP SELF DEFENSE (ENGAGE: HARD KILL)</b>	<b>212,412</b>	<b>222,412</b>	<b>10,000</b>
Program increase - Alamo munition system		10,000	
<b>142 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)</b>	<b>103,391</b>	<b>90,051</b>	<b>-13,340</b>
Decoy development effort schedule slip		-13,340	
<b>144 MEDICAL DEVELOPMENT</b>	<b>9,353</b>	<b>33,353</b>	<b>24,000</b>
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	
<b>145 NAVIGATION/ID SYSTEM</b>	<b>92,546</b>	<b>78,096</b>	<b>-14,450</b>
GPS modernization delayed new start and excess growth		-14,450	
<b>151 INFORMATION TECHNOLOGY DEVELOPMENT</b>	<b>152,977</b>	<b>139,864</b>	<b>-13,113</b>
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	
<b>154 MISSION PLANNING</b>	<b>33,430</b>	<b>36,930</b>	<b>3,500</b>
Program increase - planning and execution monitoring		3,500	
<b>155 COMMON AVIONICS</b>	<b>58,163</b>	<b>53,512</b>	<b>-4,651</b>
Digital warfare office - transfer to line 254		-4,651	
<b>158 UNMANNED CARRIER AVIATION</b>	<b>222,208</b>	<b>206,218</b>	<b>-15,990</b>
CVN segment product development ship installations early to need		-12,990	
Training hardware early to need		-3,000	
<b>MULTI-MISSION MARITIME AIRCRAFT (MMA)</b>			
<b>161 INCREMENT 3</b>	<b>181,731</b>	<b>136,519</b>	<b>-45,212</b>
Platform integration early to need		-45,212	
<b>168 TACTICAL CRYPTOLOGIC SYSTEMS</b>	<b>28,311</b>	<b>22,769</b>	<b>-5,542</b>
Integrated communications and data systems increment II delayed new start		-5,542	

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

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

## 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	---
ADVANCED COMPONENT DEVELOPMENT			
28 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	---
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	---
123 EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE) - 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
RD&E MANAGEMENT SUPPORT			
124 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, RD&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 DCAPEs.....	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	---
INTERNATIONAL INTELLIGENCE TECHNOLOGY AND 269 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

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

R-1	Budget Request	Committee Recommended	Change from Request
2 UNIVERSITY RESEARCH INITIATIVES Program increase	147,923	152,923 5,000	5,000
4 MATERIALS Program increase - structures, propulsion, and subsystems	124,264	129,264 5,000	5,000
5 AEROSPACE VEHICLE TECHNOLOGIES Program increase - structures Program increase - high speed systems technology	124,678	140,678 10,000 6,000	16,000
6 HUMAN EFFECTIVENESS APPLIED RESEARCH Program increase - learning and operational readiness	108,784	128,284 19,500	19,500
10 SPACE TECHNOLOGY Program increase - spacecraft vehicle technologies	116,503	119,003 2,500	2,500
13 DOMINANT INFORMATION SCIENCES & METHODS Program increase	167,818	172,818 5,000	5,000
35 LONG RANGE STRIKE - BOMBER (B-21) Program excess	2,003,580	1,983,580 -20,000	-20,000
37 ADVANCED TECHNOLOGY AND SENSORS IT&S unjustified growth	68,719	58,719 -10,000	-10,000
46 TECH TRANSITION PROGRAM Lifecycle prototyping - lack of justification Experimentation campaigns - unjustified growth Competitively awarded technology transition	840,650	692,597 -142,186 -15,867 10,000	-148,053
49 NEXT GENERATION AIR DOMINANCE Re-phase program growth	294,746	249,746 -45,000	-45,000
57 NAVSTAR USER EQUIPMENT (SPACE) Excess to need	253,939	243,939 -10,000	-10,000
59 WEATHER SYSTEM FOLLOW-ON Excess to need	112,088	97,088 -15,000	-15,000
61 MIDTERM POLAR MILSATCOM SYSTEM Excess to need	63,092	38,092 -25,000	-25,000
80 ARMAMENT/ORDNANCE DEVELOPMENT SFW-ER	46,540	14,448 -32,092	-32,092
88 LONG RANGE STANDOFF WEAPON TMRR contract delay	451,290	419,790 -31,500	-31,500
100 AOC 10.2 Program in strategic pause	119,745	14,745 -105,000	-105,000
110 C-32 EXECUTIVE TRANSPORT RECAP Program office excess to need	6,017	3,017 -3,000	-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 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				
BASIC RESEARCH				
1	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
-----			
BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT			
112 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	---
167 MANAGEMENT HEADQUARTERS DEFENSE TECHNICAL INFORMATION 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 CWMD 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
<b>HISTORICALLY BLACK COLLEGES &amp; UNIVERSITIES</b>			
<b>6 (HBCU)</b>	<b>25,865</b>	<b>35,865</b>	<b>10,000</b>
Program increase		10,000	
<b>24 COMBATING TERRORISM TECHNOLOGY SUPPORT</b>	<b>76,230</b>	<b>126,730</b>	<b>50,500</b>
Program increase - Israeli tunneling		47,500	
Program increase		3,000	
<b>COUNTERPROLIFERATION INITIATIVES -</b>			
<b>26 PROLIFERATION PREVENTION &amp; DEFEAT</b>	<b>268,607</b>	<b>278,607</b>	<b>10,000</b>
Program increase - target sensing technologies		10,000	
<b>40 COMMON KILL VEHICLE TECHNOLOGY</b>	<b>252,879</b>	<b>202,964</b>	<b>-49,915</b>
Unjustified growth		-49,915	
<b>41 DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUx)</b>	<b>29,594</b>	<b>15,000</b>	<b>-14,594</b>
Program decrease		-14,594	
<b>42 TECHNOLOGY INNOVATION</b>	<b>59,863</b>	<b>19,863</b>	<b>-40,000</b>
Classified program adjustment		-40,000	
<b>44 RETRACT LARCH</b>	<b>171,120</b>	<b>161,120</b>	<b>-10,000</b>
Program decrease		-10,000	
<b>EMERGING CAPABILITIES TECHNOLOGY</b>			
<b>50 DEVELOPMENT</b>	<b>57,876</b>	<b>54,876</b>	<b>-3,000</b>
Program increase		5,000	
Program decrease - advanced technology laser		-8,000	
<b>53 STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM</b>	<b>71,832</b>	<b>61,832</b>	<b>-10,000</b>
Program decrease		-10,000	
<b>61X DEFENSE RAPID INNOVATION FUND</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>
Program increase		250,000	
<b>BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE</b>			
<b>74 SEGMENT</b>	<b>230,162</b>	<b>210,162</b>	<b>-20,000</b>
THAAD software build 4.0 schedule delays		-15,000	
THAAD software build 5.0 early to need		-5,000	
<b>BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE</b>			
<b>75 SEGMENT</b>	<b>828,097</b>	<b>1,036,097</b>	<b>208,000</b>
Program increase - additional boosters and EKV's		143,000	
Program increase - missile field silo expansion		65,000	
<b>77 BALLISTIC MISSILE DEFENSE SENSORS</b>	<b>247,345</b>	<b>226,345</b>	<b>-21,000</b>
Pacific radar - transfer to line 77A		-21,000	
<b>77A PACIFIC RADAR</b>	<b>0</b>	<b>21,000</b>	<b>21,000</b>
Pacific radar - transfer from line 77		21,000	
<b>78 BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS</b>	<b>449,442</b>	<b>439,442</b>	<b>-10,000</b>
MD24 excess growth		-10,000	

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

R-1	Budget Request	Committee Recommended	Change from Request
<b>SPECIAL OPERATIONS AVIATION SYSTEMS</b>			
<b>251 ADVANCED DEVELOPMENT</b>	<b>259,886</b>	<b>247,236</b>	<b>-12,650</b>
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	
<b>253 SOF OPERATIONAL ENHANCEMENTS</b>	<b>79,455</b>	<b>64,455</b>	<b>-15,000</b>
Program decrease - classified		-15,000	
<b>254 WARRIOR SYSTEMS</b>	<b>45,935</b>	<b>42,935</b>	<b>-3,000</b>
Program decrease - SOF deployable nodes		-3,000	
<b>256 UNMANNED ISR</b>	<b>31,766</b>	<b>21,766</b>	<b>-10,000</b>
Program decrease - special applications for contingencies		-10,000	
<b>258 SOF MARITIME SYSTEMS</b>	<b>42,315</b>	<b>49,915</b>	<b>7,600</b>
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	
<b>999 CLASSIFIED PROGRAMS</b>	<b>3,689,646</b>	<b>3,644,448</b>	<b>-45,198</b>
Classified adjustment		-45,198	
<b>DARPA UNDISTRIBUTED REDUCTION</b>	<b>0</b>	<b>-100,000</b>	<b>-100,000</b>
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 Services 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.

**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 the Secretary of Defense to notify the congressional defense committees 15 days prior to making transfers of these funds, including identification of the accounts to which funds are being transferred, and the purposes therefor.

**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	---
<b>TOTAL, DEFENSE WORKING CAPITAL FUNDS .....</b>	<b>1,586,596</b>	<b>1,586,596</b>	<b>---</b>

**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			
OPERATION AND MAINTENANCE			
10	9,457,768	9,417,768	-40,000
20	15,317,732	15,017,732	-300,000
30	2,193,045	2,173,045	-20,000
40	1,803,733	1,803,733	---
50	330,752	330,752	---
60	737,730	737,730	---
70	2,255,163	2,255,163	---
	-----	-----	-----
	SUBTOTAL, OPERATION AND MAINTENANCE	31,735,923	-360,000
PROCUREMENT			
150	26,978	26,978	---
160	360,831	360,831	---
180	8,326	8,326	---
200	499,193	499,193	---
	-----	-----	-----
	SUBTOTAL, PROCUREMENT	895,328	---
RESEARCH DEVELOPMENT TEST AND EVALUATION			
80	9,796	9,796	---
90	64,881	64,881	---
100	246,268	246,268	---
110	99,039	99,039	---
120	170,602	170,602	---
130	69,191	69,191	---
140	13,438	13,438	---
150	---	627,100	+627,100
	-----	-----	-----
	SUBTOTAL, RESEARCH DEVELOPMENT TEST AND EVALUATION	1,300,315	+627,100
	-----	-----	-----
	TOTAL, DEFENSE HEALTH PROGRAM	33,931,566	+267,100
	=====	=====	=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
<b>IN-HOUSE CARE</b>	<b>9,457,768</b>	<b>9,417,768</b>	<b>-40,000</b>
Other costs excess growth		-34,000	
Pharmaceuticals excess growth		-5,000	
Travel excess growth		-1,000	
<b>PRIVATE SECTOR CARE</b>	<b>15,317,732</b>	<b>15,017,732</b>	<b>-300,000</b>
Historical underexecution		-300,000	
<b>CONSOLIDATED HEALTH SUPPORT</b>	<b>2,193,045</b>	<b>2,173,045</b>	<b>-20,000</b>
Therapeutic service dog training program		5,000	
Historical underexecution		-25,000	
<b>INFORMATION MANAGEMENT</b>	<b>1,803,733</b>	<b>1,803,733</b>	
<b>MANAGEMENT ACTIVITIES</b>	<b>330,752</b>	<b>330,752</b>	
<b>EDUCATION AND TRAINING</b>	<b>737,730</b>	<b>737,730</b>	
<b>BASE OPERATIONS AND COMMUNICATIONS</b>	<b>2,255,163</b>	<b>2,255,163</b>	
<b>TOTAL, OPERATION AND MAINTENANCE</b>	<b>32,095,923</b>	<b>31,735,923</b>	<b>-360,000</b>
<b>TOTAL, PROCUREMENT</b>	<b>895,328</b>	<b>895,328</b>	
<b>RESEARCH AND DEVELOPMENT</b>			
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	

	<b>Budget Request</b>	<b>Committee Recommended</b>	<b>Change from Request</b>
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	
<b>TOTAL, RESEARCH AND DEVELOPMENT</b>	<b>673,215</b>	<b>1,300,315</b>	<b>627,100</b>

## 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 stage 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.

#### MESSENGER 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.

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
<b>MILITARY PERSONNEL, ARMY</b>			
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
<b>TOTAL, MILITARY PERSONNEL, ARMY</b>	<b>2,635,317</b>	<b>2,635,317</b>	<b>0</b>
<b>MILITARY PERSONNEL, NAVY</b>			
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
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>			
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
<b>BA-4: SUBSISTENCE OF ENLISTED PERSONNEL</b>			
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
<b>BA-5: PERMANENT CHANGE OF STATION TRAVEL</b>			
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
<b>BA-6: OTHER MILITARY PERSONNEL COSTS</b>			
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
<b>TOTAL, MILITARY PERSONNEL, NAVY</b>	<b>377,857</b>	<b>377,857</b>	<b>0</b>
<b>MILITARY PERSONNEL, MARINE CORPS</b>			
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>			
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
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>			
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
<b>BA-4: SUBSISTENCE OF ENLISTED PERSONNEL</b>			
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
<b>BA-6: OTHER MILITARY PERSONNEL COSTS</b>			
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
<b>TOTAL, MILITARY PERSONNEL, MARINE CORPS</b>			
	103,800	103,800	0
<b>MILITARY PERSONNEL, AIR FORCE</b>			
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>			
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
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>			
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
<b>BA-4: SUBSISTENCE OF ENLISTED PERSONNEL</b>			
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
<b>BA-6: OTHER MILITARY PERSONNEL COSTS</b>			
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
<b>TOTAL, MILITARY PERSONNEL, AIR FORCE</b>			
	912,779	912,779	0
<b>RESERVE PERSONNEL, ARMY</b>			
<b>BA-1: UNIT AND INDIVIDUAL TRAINING</b>			
SPECIAL TRAINING	24,942	24,942	0
TOTAL, BA-1	24,942	24,942	0
<b>TOTAL, RESERVE PERSONNEL, ARMY</b>			
	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 the Secretary of Defense to notify the congressional defense committees 15 days prior to making transfers of these funds, including identification of the accounts to which funds are being transferred, and the purposes therefor.

## 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
<b>OPERATION AND MAINTENANCE, ARMY</b>			
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
<b>TOTAL, OPERATION AND MAINTENANCE, ARMY</b>	<b>16,126,403</b>	<b>16,126,403</b>	<b>0</b>

O-1	Budget Request	Committee Recommended	Change from Request
<b>OPERATION AND MAINTENANCE, NAVY</b>			
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
B5M1 FACILITIES SUSTAINMENT, RESTORATION AND	31,898	31,898	0
B5S1 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
<b>TOTAL, OPERATION AND MAINTENANCE, NAVY</b>	<b>5,875,015</b>	<b>5,875,015</b>	<b>0</b>
<b>OPERATION AND MAINTENANCE, MARINE CORPS</b>			
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
<b>TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS</b>	<b>1,116,640</b>	<b>1,116,640</b>	<b>0</b>
<b>OPERATION AND MAINTENANCE, AIR FORCE</b>			
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
<b>TOTAL, OPERATION AND MAINTENANCE, AIR FORCE</b>	<b>10,266,025</b>	<b>10,266,025</b>	<b>0</b>
<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE</b>			
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
<b>TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE</b>	<b>7,712,080</b>	<b>6,944,201</b>	<b>-767,879</b>
<b>OPERATION AND MAINTENANCE, ARMY RESERVE</b>			
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
<b>TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE</b>	<b>24,699</b>	<b>24,699</b>	<b>0</b>
<b>OPERATION AND MAINTENANCE, NAVY RESERVE</b>			
1A5A AIRCRAFT DEPOT MAINTENANCE	14,964	14,964	0
1C6C COMBAT SUPPORT FORCES	9,016	9,016	0
<b>TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE</b>	<b>23,980</b>	<b>23,980</b>	<b>0</b>
<b>OPERATION AND MAINTENANCE, MARINE CORPS RESERVE</b>			
1A1A OPERATING FORCES	2,548	2,548	0
BSS1 BASE OPERATING SUPPORT	819	819	0
<b>TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS RESERVE</b>	<b>3,367</b>	<b>3,367</b>	<b>0</b>

O-1	Budget Request	Committee Recommended	Change from Request
<b>OPERATION AND MAINTENANCE, AIR FORCE RESERVE</b>			
011M DEPOT MAINTENANCE	52,323	52,323	0
011Z BASE OPERATING SUPPORT	6,200	6,200	0
<b>TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE</b>	<b>58,523</b>	<b>58,523</b>	<b>0</b>
<b>OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD</b>			
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
<b>TOTAL, OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD</b>	<b>108,111</b>	<b>108,111</b>	<b>0</b>
<b>OPERATION AND MAINTENANCE, AIR NATIONAL GUARD</b>			
011G MISSION SUPPORT OPERATIONS	3,468	3,468	0
011Z BASE SUPPORT	11,932	11,932	0
<b>TOTAL, OPERATION AND MAINTENANCE, AIR NATIONAL GUARD</b>	<b>15,400</b>	<b>15,400</b>	<b>0</b>
<b>AFGHANISTAN SECURITY FORCES FUND</b>			
<b>Defense Forces</b>	<b>3,771,758</b>	<b>3,771,758</b>	<b>0</b>
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
<b>Interior Forces</b>	<b>1,165,757</b>	<b>1,165,757</b>	<b>0</b>
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
<b>TOTAL, AFGHANISTAN SECURITY FORCES FUND</b>	<b>4,937,515</b>	<b>4,937,515</b>	<b>0</b>

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 funding is available to provide operational support for increased end strength, support training, force readiness support and readiness generation, land forces depot maintenance, aircraft depot maintenance, ship depot maintenance, weapon system sustainment, combat and servicewide communications, combat support forces, base support, facilities sustainment, restoration and modernization requirements, and emerging requirements deemed by the Secretary of Defense to be in the national security interest of the United States. The Committee directs the Secretary of Defense to notify the congressional defense committees 15 days prior to making transfers of these funds, including identification of the accounts to which funds are being transferred, and the purposes therefor.

## 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	
<b>AIRCRAFT PROCUREMENT, ARMY</b>				
4	87,300	87,300	0	
6	39,040	39,040	0	
15	41,400	41,400	0	
18	33,475	33,475	0	
23	36,000	36,000	0	
27	4,289	4,289	0	
33	139,742	139,742	0	
34	43,440	43,440	0	
<b>TOTAL, AIRCRAFT PROCUREMENT, ARMY</b>		<b>424,686</b>	<b>424,686</b>	<b>0</b>
<b>MISSILE PROCUREMENT, ARMY</b>				
5	278,073	278,073	0	
8	8,112	8,112	0	
9	3,907	3,907	0	
11	191,522	191,522	0	
13	41,000	41,000	0	
14	8,669	6,969	-1,700	
		-1,700		
18	28,000	28,000	0	
<b>TOTAL, MISSILE PROCUREMENT, ARMY</b>		<b>559,283</b>	<b>557,583</b>	<b>-1,700</b>
<b>PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY</b>				
1	200,000	200,000	0	
2	253,903	253,903	0	
6	30,000	30,000	0	
8	125,736	125,736	0	
14	138,700	138,700	0	
15	442,800	442,800	0	
<b>TOTAL, PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY</b>		<b>1,191,139</b>	<b>1,191,139</b>	<b>0</b>

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
80	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIES	16,935	16,935	0
81	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
<b>TOTAL, OTHER PROCUREMENT, ARMY</b>		<b>405,575</b>	<b>405,575</b>	<b>0</b>
<b>AIRCRAFT PROCUREMENT, NAVY</b>				
27	STUASL0 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
<b>TOTAL, AIRCRAFT PROCUREMENT, NAVY</b>		<b>157,300</b>	<b>157,300</b>	<b>0</b>

P-1		Budget Request	Committee Recommended	Change from Request
<b>WEAPONS PROCUREMENT, NAVY</b>				
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
<b>TOTAL, WEAPONS PROCUREMENT, NAVY</b>		<b>152,373</b>	<b>130,994</b>	<b>-21,379</b>
<b>PROCUREMENT OF AMMO, NAVY &amp; MARINE CORPS</b>				
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
<b>TOTAL, PROCUREMENT OF AMMO, NAVY &amp; MARINE CORPS</b>		<b>225,587</b>	<b>223,843</b>	<b>-1,744</b>
<b>OTHER PROCUREMENT, NAVY</b>				
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
<b>TOTAL, PROCUREMENT, MARINE CORPS</b>		<b>65,274</b>	<b>64,071</b>	<b>-1,203</b>
<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>				
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
<b>TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE</b>		<b>740,778</b>	<b>510,836</b>	<b>-229,942</b>
<b>MISSILE PROCUREMENT, AIR FORCE</b>				
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
<b>TOTAL, MISSILE PROCUREMENT, AIR FORCE</b>		<b>395,400</b>	<b>381,700</b>	<b>-13,700</b>
<b>SPACE PROCUREMENT, AIR FORCE</b>				
10	MILSATCOM	2,256	2,256	0
<b>TOTAL, SPACE PROCUREMENT, AIR FORCE</b>		<b>2,256</b>	<b>2,256</b>	<b>0</b>

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	
<b>TOTAL, OTHER PROCUREMENT, AIR FORCE</b>		<b>4,008,887</b>	<b>3,998,887</b>	<b>-10,000</b>
<b>PROCUREMENT, DEFENSE-WIDE</b>				
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	
<b>TOTAL, PROCUREMENT, DEFENSE-WIDE</b>		<b>518,026</b>	<b>510,741</b>	<b>-7,285</b>
<b>NATIONAL GUARD &amp; RESERVE EQUIPMENT</b>				
<b>RESERVE EQUIPMENT</b>				
	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
TOTAL, RESERVE EQUIPMENT	0	340,000	340,000
NATIONAL GUARD EQUIPMENT			
ARMY NATIONAL GUARD MISCELLANEOUS EQUIPMENT	0	330,000	330,000
AIR NATIONAL GUARD MISCELLANEOUS EQUIPMENT	0	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 funding is available to procure vehicles, ships, aircraft, munitions, space systems, missile defense systems, modifications to weapon systems and equipment, other procurement requirements, and emerging requirements deemed by the Secretary of Defense to be in the national security interest of the United States. The Committee directs the Secretary of Defense to notify the congressional defense committees 15 days prior to making transfers of these funds, including identification of the accounts to which funds are being transferred, and the purposes therefor.

## 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
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, ARMY</b>			
55	15,000	15,000	0
60	3,000	3,000	0
122	5,000	5,000	0
125	21,540	21,540	0
133	30,100	30,100	0
147	1,200	1,200	0
203	15,000	15,000	0
222	7,492	7,492	0
223	15,000	15,000	0
228	6,036	6,036	0
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, ARMY</b>		<b>119,368</b>	<b>119,368</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, NAVY</b>			
41	22,000	16,500	-5,500
		-5,500	
TACTICAL AIR DIRECTIONAL INFRARED			
81	5,710	5,710	0
207	11,600	11,600	0
211	1,200	1,200	0
999	89,855	89,855	0
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, NAVY</b>		<b>130,365</b>	<b>124,865</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, AIR FORCE</b>			
29	7,800	7,800	0
53	5,400	5,400	0
196	5,750	0	-5,750
		-5,750	
214	4,000	4,000	0

R-1	Budget Request	Committee Recommended	Change from Request
999 CLASSIFIED PROGRAMS Classified adjustment	112,408	127,308 14,900	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 the Secretary of Defense to notify the congressional defense committees 15 days prior to making transfers of these funds, including identification of the accounts to which funds are being transferred, and the purposes therefor.

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.



TITLE X

ADDITIONAL GENERAL PROVISIONS

Title X contains the following general provision:

Section 10001 is new and provides that the amount by which the applicable allocation of new budget authority under section 302(b) of the Congressional Budget Act of 1974 exceeds the amount of proposed new budget authority is \$0.

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.....	7,889,423	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

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

CC  
 CC  
 CC

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

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

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
=====					
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
=====					

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

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

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
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	---	-345,000	-188,000	-345,000
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	123,900	-2,048,248	+3,535,444	-2,172,148

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

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
<b>Operation and Maintenance</b>					
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

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
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
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
<b>Total, Procurement (OCO/GWOT).....</b>	<b>9,368,076</b>	<b>9,761,568</b>	<b>16,462,540</b>	<b>+7,094,464</b>	<b>+6,700,972</b>

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
<b>Other Department of Defense Programs</b>					
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	---
<b>Total, Other Department of Defense Programs (OCO/GWOT).....</b>	<b>908,631</b>	<b>1,099,855</b>	<b>1,099,855</b>	<b>+191,224</b>	<b>---</b>
<b>TITLE IX General Provisions</b>					
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) Intelligence, Surveillance, and Reconnaissance (GWOT) (Sec.9017).....	150,000	---	150,000	---	+150,000
Rescissions (GWOT) (Sec.9019).....	500,000	---	500,000	---	+500,000
Coalition support funds (rescission) (GWOT).....	-819,000	---	-587,613	+231,387	-587,613
	-11,524	---	---	+11,524	---
<b>Total, General Provisions.....</b>	<b>-180,524</b>	<b>---</b>	<b>62,387</b>	<b>+242,911</b>	<b>+62,387</b>
<b>Grand Total, Title IX (OCO/GWOT).....</b>	<b>61,822,000</b>	<b>63,934,870</b>	<b>73,934,000</b>	<b>+12,112,000</b>	<b>+9,999,130</b>

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
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	---
Total, Procurement OCO/GWOT Requirements	5,520,220	---	---	-5,520,220	---

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) . . . . .	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	---
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	---
=====					

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	---

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	622,144,276	650,381,519	+58,401,252	+28,237,243
Appropriations	(513,555,692)	(558,209,406)	(577,348,900)	(+63,793,208)	(+19,139,494)
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

1/ Included in Budget under Operation and Maintenance  
 2/ Included in Budget under Procurement

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	123,900	-2,048,248	+3,535,444	-2,172,148
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	622,144,276	650,381,519	+64,176,252	+28,237,243
Other appropriations (PL 114-254).....	5,775,000	---	---	-5,775,000	---
Total mandatory and discretionary.....	591,980,267	622,144,276	650,381,519	+58,401,252	+28,237,243