

XEROX

C ) DIVISION - DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017

The following is an explanation of the effects of this Act, which makes appropriations for the Department of Defense for fiscal year 2017. Unless otherwise noted, references to the House and Senate reports are to House Report 114-577 and Senate Report 114-263, respectively. The language contained in the House and Senate reports warrant full compliance and carry the same weight as language included in this explanatory statement unless specifically addressed to the contrary in the bill or this explanatory statement. While repeating some language from the House or Senate reports for emphasis, this explanatory statement does not intend to negate the language referred to above unless expressly provided herein.

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, 2017, the related classified annexes and explanatory statements, 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 2018, the Secretary of Defense is directed to transmit to the congressional defense committees budget justification documents to be known as the “M-1” and the “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 2018.

#### REPROGRAMMING GUIDANCE

The Secretary of Defense is directed 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 Under Secretary of Defense (Comptroller) is directed 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 statement.

#### 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” 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 explanatory statement.

CLASSIFIED ANNEX

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

BUDGET LIAISON SUPPORT TO THE HOUSE AND SENATE  
DEFENSE APPROPRIATIONS SUBCOMMITTEES

The House and Senate Defense Appropriations Subcommittees rely heavily on offices within the Comptroller organizations of the military departments and the Office of the Secretary of Defense to conduct their oversight responsibilities and make funding recommendations for the Department of Defense. Established in the 1970s in accordance with a recommendation of the Blue Ribbon Defense Panel, these offices facilitate the appropriate flow of information between the House and Senate Defense Appropriations Subcommittees and the Comptroller of the respective department or agency. In the early 1990s, the House and Senate Defense Appropriations Subcommittees restated the support these organizations provide to the Committees and noted that “while the various offices of legislative affairs offer great assistance to DoD and the Congress, they do not provide the expertise and the direct relationship to the Comptroller organizations which are essential to the effective communication between DoD and the Committees on Appropriations.”

Further, the explanatory statement accompanying the Department of Defense Appropriations Act, 2016 echoed the imperative to maintain the existing liaison structure to achieve the highest level of communication and trust between the Department of Defense and the House and Senate Defense Appropriations Subcommittees.

The House and Senate Defense Appropriations Subcommittees repeat this support for the budget liaison organizations and reiterate previously stated concerns that efforts to

incorporate these organizations into the military and Office of the Secretary of Defense legislative affairs offices would be deleterious to the appropriations process and to the utility of the budget liaison operation. Therefore, the agreement retains a provision in title II of this Act from previous years that prohibits the use of funds in this Act to plan or implement the consolidation of a budget or appropriations liaison office of the Office of the Secretary of Defense, the office of the Secretary of a military department, or the Service headquarters of one of the Armed Forces into a legislative affairs or legislative liaison office.

#### CYBERSPACE ACTIVITIES

The agreement fully funds the fiscal year 2017 base budget requirement of \$6,734,000,000 for the Army, Navy, Marine Corps, Air Force, and the defense agencies cyberspace activities, an increase of \$992,000,000 over the fiscal year 2016 enacted level.

While the Service and defense-wide budget justification material, as well as the Department of Defense classified cyberspace activities information technology investments budget justification materials, provide some level of detail, much of the funding is encompassed within larger programs and funding lines, which limits visibility and congressional oversight of requested funding for cyberspace activities specifically.

Beginning in fiscal year 2018, the Department of Defense Chief Information Officer is directed to modify the cyberspace activities exhibit in order to provide increased visibility and clarity into the cyberspace activities funding requirements and changes to funding requirements from the previous fiscal year enacted levels, to segregate civilian and military pay, and to provide a crosswalk between the cyberspace activities justification books and the Services and defense-wide budget justification material.

Further, in order to provide additional clarity and to enhance oversight, the Department of Defense Chief Information Officer, in coordination with the Under Secretary of Defense (Comptroller) and the Service Secretaries, is directed to conduct a review of the budget justification material and 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 requested in the operation and maintenance, procurement, and research, development, test and evaluation accounts as part of the budget justification material beginning with the fiscal year 2019 budget submission. The Under Secretary of Defense (Comptroller) and the Chief Information Officer are encouraged to consider establishing a unique cyber sub-activity group for operation and maintenance accounts and individual cost codes, projects, or program elements for procurement and research, development, test and evaluation accounts as part of this review.

The Department of Defense cyberspace activities table provided shows the amount of funding provided to each Service and defense-wide account in fiscal years 2016 and 2017. Funding appropriated therein may be used only for cyberspace activities as defined by the classified cyberspace activities information technology investment budget request for fiscal year 2017. The Secretary of Defense is directed to use normal prior approval reprogramming procedures to transfer funding out of any operation and maintenance, procurement, or research, development, test and evaluation accounts as identified in the table titled "Department of Defense Cyberspace Activities" for any purpose other than cyberspace activities. The Department of Defense Chief Information Officer shall submit to the House and Senate Appropriations Committees two reports not later than May 30, 2017, and November 30, 2017, which provide the mid-year and end of fiscal year financial obligation and execution data for cyberspace activities of each year.

This language replaces the language included under the heading "Cyberspace Operations" in House Report 114-577.

~~(INSERT CYBERSPACE TABLE)~~

insert 7A

**DEPARTMENT OF DEFENSE**

**CYBERSPACE ACTIVITIES**

(Includes cybersecurity, cyberspace operations, and research and development)

[In thousands of dollars]

	<b>Fiscal Year 2016 Enacted</b>	<b>Fiscal Year 2017 Recommended</b>
<b>DEPARTMENT OF ARMY</b>		
Military Personnel	159,366	163,409
Operation and Maintenance	606,353	760,989
Procurement	94,268	233,789
Research, Development, Test and Evaluation	85,131	171,389
<b>TOTAL, DEPARTMENT OF ARMY</b>	<b>945,118</b>	<b>1,329,576</b>
<b>DEPARTMENT OF NAVY</b>		
Working Capital Fund, Defense	116,954	127,484
Military Personnel	220,828	263,388
Operation and Maintenance	395,951	452,003
Procurement	150,890	104,228
Research, Development, Test and Evaluation	65,580	91,057
<b>TOTAL, DEPARTMENT OF NAVY</b>	<b>950,203</b>	<b>1,038,160</b>
<b>DEPARTMENT OF AIR FORCE</b>		
Military Personnel	257,054	286,464
Operation and Maintenance	766,756	1,020,518
Procurement	268,253	326,627
Research, Development, Test and Evaluation	253,519	356,922
<b>TOTAL, DEPARTMENT OF AIR FORCE</b>	<b>1,545,582</b>	<b>1,990,531</b>
<b>DEFENSE-WIDE</b>		
Working Capital Fund, Defense	345,221	323,513
Operation and Maintenance	1,222,789	1,311,556
Procurement	74,125	60,628
Research, Development, Test and Evaluation	658,702	679,723
<b>TOTAL, DEFENSE-WIDE</b>	<b>2,300,837</b>	<b>2,375,420</b>
<b>TOTAL, CYBERSPACE OPERATIONS</b>	<b>5,741,740</b>	<b>6,733,687</b>

7A



## QUARTERLY CYBER OPERATIONS BRIEFING

The Secretary of Defense is directed to provide quarterly briefings to the House and Senate Appropriations Committees on all 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 agreement provides \$128,725,978,000 in Title I, Military Personnel. The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT MILPERS RECAP TABLE)~~ insert 9A

### SUMMARY OF MILITARY PERSONNEL END STRENGTH

	Fiscal Year 2016 Authorized	Fiscal Year 2017			Change from Fiscal Year 2016
		Budget Request	Final Bill	Change from Request	
<b>Active Forces (End Strength)</b>					
Army.....	475,000	460,000	476,000	16,000	1,000
Navy.....	329,200	322,900	323,900	1,000	-5,300
Marine Corps.....	184,000	182,000	185,000	3,000	1,000
Air Force.....	320,715	317,000	321,000	4,000	285
<b>Total, Active Forces.....</b>	<b>1,308,915</b>	<b>1,281,900</b>	<b>1,305,900</b>	<b>24,000</b>	<b>-3,015</b>
<b>Guard and Reserve Forces (End Strength)</b>					
Army Reserve.....	198,000	195,000	199,000	4,000	1,000
Navy Reserve.....	57,400	58,000	58,000	---	600
Marine Corps Reserve.....	38,900	38,500	38,500	---	-400
Air Force Reserve.....	69,200	69,000	69,000	---	-200
Army National Guard.....	342,000	335,000	343,000	8,000	1,000
Air National Guard.....	105,500	105,700	105,700	---	200
<b>Total, Selected Reserve.....</b>	<b>811,000</b>	<b>801,200</b>	<b>813,200</b>	<b>12,000</b>	<b>2,200</b>
<b>Total, Military Personnel.....</b>	<b>2,119,915</b>	<b>2,083,100</b>	<b>2,119,100</b>	<b>36,000</b>	<b>-815</b>

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
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RECAPITULATION		
MILITARY PERSONNEL, ARMY.....	40,028,182	40,042,962
MILITARY PERSONNEL, NAVY.....	27,951,605	27,889,405
MILITARY PERSONNEL, MARINE CORPS.....	12,813,412	12,735,182
MILITARY PERSONNEL, AIR FORCE.....	27,944,615	27,958,795
RESERVE PERSONNEL, ARMY.....	4,561,703	4,524,863
RESERVE PERSONNEL, NAVY.....	1,924,155	1,921,045
RESERVE PERSONNEL, MARINE CORPS.....	744,995	744,795
RESERVE PERSONNEL, AIR FORCE.....	1,742,906	1,725,526
NATIONAL GUARD PERSONNEL, ARMY.....	7,910,694	7,899,423
NATIONAL GUARD PERSONNEL, AIR FORCE.....	3,280,065	3,283,982
GRAND TOTAL, MILITARY PERSONNEL.....	<u>128,902,332</u>	<u>128,725,978</u>
	=====	=====

9A

## SUMMARY OF GUARD AND RESERVE FULL-TIME STRENGTH

	Fiscal Year 2016 Authorized	Fiscal Year 2017			Change from Fiscal Year 2016
		Budget Request	Final Bill	Change from Request	
Army Reserve:					
AGR.....	16,261	16,261	16,261	---	---
Technicians.....	7,395	7,570	7,570	---	175
Navy Reserve:					
AR.....	9,934	9,955	9,955	---	21
Marine Corps Reserve:					
AR.....	2,260	2,261	2,261	---	1
Air Force Reserve:					
AGR.....	3,032	2,955	2,955	---	-77
Technicians.....	9,814	10,061	10,061	---	247
Army National Guard:					
AGR.....	30,770	30,155	30,155	---	-615
Technicians.....	26,099	25,507	25,507	---	-592
Air National Guard					
AGR.....	14,748	14,764	14,764	---	16
Technicians.....	22,104	22,103	22,103	---	-1
Totals:					
AGR/AR.....	77,005	76,351	76,351	---	-654
Technicians.....	65,412	65,241	65,241	---	-171
<hr/>					
Total, Full-Time Support.....	142,417	141,592	141,592	---	-825

### MILITARY PERSONNEL OVERVIEW

The agreement provides the resources required for an additional 24,000 active forces and 12,000 selected reserve forces, as authorized by current law and above the requested end strength levels, in order to meet operational needs for fiscal year 2017. The agreement also provides the funding necessary to support a 2.1 percent pay raise for all military personnel, as authorized, effective January 1, 2017.

## REPROGRAMMING GUIDANCE FOR MILITARY PERSONNEL ACCOUNTS

The Secretary of Defense is directed to submit the Base for Reprogramming (DD Form 1414) for each of the fiscal year 2017 appropriations 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 Secretary of Defense is directed 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 the explanatory statement 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 explanatory statement. 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.

### MILITARY BANDS

Military bands honor and celebrate warfighters, promote patriotism during community events, inspire servicemembers, and enhance efforts to recruit and retain

troops. Band engagements play an important support role for national security and joint operations, opening diplomatic doors for political and military discussions while building trust and confidence with foreign military and civilian authorities. However, the activities of military bands must not detract from the core competencies of the military. The Secretary of Defense should review opportunities to ensure that only the critical functions of military bands are supported while minimizing impacts on funding for essential readiness, military personnel, modernization, and research and development activities.

MILITARY PERSONNEL, ARMY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 13A-C

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
50 MILITARY PERSONNEL, ARMY		
100 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS		
150 BASIC PAY.....	6,846,876	6,846,876
200 RETIRED PAY ACCRUAL.....	2,015,554	2,015,554
250 BASIC ALLOWANCE FOR HOUSING.....	2,241,563	2,241,563
300 BASIC ALLOWANCE FOR SUBSISTENCE.....	285,488	285,488
350 INCENTIVE PAYS.....	85,542	85,542
400 SPECIAL PAYS.....	367,175	367,175
450 ALLOWANCES.....	212,392	212,392
500 SEPARATION PAY.....	201,125	201,125
550 SOCIAL SECURITY TAX.....	521,218	521,218
600 TOTAL, BUDGET ACTIVITY 1.....	12,776,933	12,776,933
650 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL		
700 BASIC PAY.....	12,429,886	12,429,886
750 RETIRED PAY ACCRUAL.....	3,663,328	3,663,328
800 BASIC ALLOWANCE FOR HOUSING.....	4,701,364	4,701,364
850 INCENTIVE PAYS.....	90,342	90,342
900 SPECIAL PAYS.....	395,840	395,840
950 ALLOWANCES.....	707,120	707,120
1000 SEPARATION PAY.....	523,385	523,385
1050 SOCIAL SECURITY TAX.....	950,887	950,887
1100 TOTAL, BUDGET ACTIVITY 2.....	23,462,152	23,462,152
1150 ACTIVITY 3: PAY AND ALLOWANCES OF CADETS		
1200 ACADEMY CADETS.....	81,184	81,184
1250 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL		
1300 BASIC ALLOWANCE FOR SUBSISTENCE.....	1,240,112	1,240,112
1350 SUBSISTENCE-IN-KIND.....	594,481	574,481
1400 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	813	813
1450 TOTAL, BUDGET ACTIVITY 4.....	1,835,406	1,815,406

13A



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
1500	ACTIVITY 5: PERMANENT CHANGE OF STATION	
1550	155,211	155,211
1600	149,240	149,240
1650	428,891	428,891
1700	710,007	710,007
1750	302,576	302,576
1800	4,033	4,033
1850	14,073	14,073
1900	47,766	47,766
1950	1,811,797	1,811,797
2000	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS	
2050	621	621
2100	132	132
2150	38,000	38,000
2200	168,656	168,656
2250	634	634
2300	576	576
2350	11,284	11,284
2400	251	251
2450	97,362	97,362
2500	27,522	27,522
2550	345,038	345,038
2600	-284,328	-284,328
2650	---	34,780
2700	40,028,182	40,042,962
6300	40,028,182	40,042,962

13B

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Final Bill
<b>BA-4: SUBSISTENCE OF ENLISTED PERSONNEL</b>		
<b>SUBSISTENCE-IN-KIND</b>	<b>594,481</b>	<b>574,481</b>
Excess growth		-20,000
<b>UNDISTRIBUTED ADJUSTMENTS</b>		
Unobligated/Unexpended balances		-37,220
Increase in Army end strength/pay raise		843,000
Excess to requirement		-771,000

130

MILITARY PERSONNEL, NAVY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 14A-C

~~(INSERT PROJECT LEVEL TABLE)~~ e

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
6400 MILITARY PERSONNEL, NAVY		
6450 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS		
6500 BASIC PAY.....	4,120,767	4,120,767
6550 RETIRED PAY ACCRUAL.....	1,214,093	1,214,093
6600 BASIC ALLOWANCE FOR HOUSING.....	1,497,045	1,497,045
6650 BASIC ALLOWANCE FOR SUBSISTENCE.....	170,255	170,255
6700 INCENTIVE PAYS.....	132,868	132,868
6750 SPECIAL PAYS.....	428,731	428,731
6800 ALLOWANCES.....	118,231	118,231
6850 SEPARATION PAY.....	47,200	47,200
6900 SOCIAL SECURITY TAX.....	313,964	313,964
6950 TOTAL, BUDGET ACTIVITY 1.....	8,043,154	8,043,154
7000 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL		
7050 BASIC PAY.....	8,940,145	8,940,145
7100 RETIRED PAY ACCRUAL.....	2,636,817	2,636,817
7150 BASIC ALLOWANCE FOR HOUSING.....	4,254,377	4,254,377
7200 INCENTIVE PAYS.....	103,685	103,685
7250 SPECIAL PAYS.....	752,380	752,380
7300 ALLOWANCES.....	544,072	544,072
7350 SEPARATION PAY.....	161,985	161,985
7400 SOCIAL SECURITY TAX.....	683,920	683,920
7450 TOTAL, BUDGET ACTIVITY 2.....	18,077,381	18,077,381
7500 ACTIVITY 3: PAY AND ALLOWANCES OF MIDSHIPMEN		
7550 MIDSHIPMEN.....	81,580	81,580
7600 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL		
7650 BASIC ALLOWANCE FOR SUBSISTENCE.....	804,972	804,972
7700 SUBSISTENCE-IN-KIND.....	378,674	378,674
7750 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	10	10
7800 TOTAL, BUDGET ACTIVITY 4.....	1,183,656	1,183,656



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
7850 ACTIVITY 5: PERMANENT CHANGE OF STATION		
7900 ACCESSION TRAVEL.....	84,530	84,530
7950 TRAINING TRAVEL.....	66,298	66,298
8000 OPERATIONAL TRAVEL.....	184,700	184,700
8050 ROTATIONAL TRAVEL.....	228,489	228,489
8100 SEPARATION TRAVEL.....	123,633	123,633
8150 TRAVEL OF ORGANIZED UNITS.....	24,746	24,746
8200 NON-TEMPORARY STORAGE.....	12,686	12,686
8250 TEMPORARY LODGING EXPENSE.....	16,225	16,225
8350 TOTAL, BUDGET ACTIVITY 5.....	741,307	741,307
8400 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS		
8450 APPREHENSION OF MILITARY DESERTERS.....	71	71
8500 INTEREST ON UNIFORMED SERVICES SAVINGS.....	1,060	1,060
8550 DEATH GRATUITIES.....	13,500	13,500
8600 UNEMPLOYMENT BENEFITS.....	78,956	78,956
8650 EDUCATION BENEFITS.....	16,505	16,505
8700 ADOPTION EXPENSES.....	250	250
8750 TRANSPORTATION SUBSIDY.....	8,434	8,434
8800 PARTIAL DISLOCATION ALLOWANCE.....	30	30
8900 RESERVE OFFICERS TRAINING CORPS (ROTC).....	20,234	20,234
8950 JUNIOR ROTC.....	14,990	14,990
9000 TOTAL, BUDGET ACTIVITY 6.....	154,030	154,030
9050 LESS REIMBURSABLES.....	-329,503	-329,503
9100 UNDISTRIBUTED ADJUSTMENT.....	---	-62,200
9200 TOTAL, ACTIVE FORCES, NAVY.....	27,951,605	27,889,405
11000 TOTAL, MILITARY PERSONNEL, NAVY.....	27,951,605	27,889,405

14B

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Final Bill
<b>UNDISTRIBUTED ADJUSTMENTS</b>		<b>-62,200</b>
Unobligated/Unexpended balances		-175,000
Increase in Navy end strength/pay raise		112,800

14C

80-1  
001-107

MILITARY PERSONNEL, MARINE CORPS

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 15A-C

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
12000 MILITARY PERSONNEL, MARINE CORPS		
12050 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS		
12100 BASIC PAY.....	1,543,145	1,543,145
12150 RETIRED PAY ACCRUAL.....	454,866	454,866
12200 BASIC ALLOWANCE FOR HOUSING.....	511,997	511,997
12250 BASIC ALLOWANCE FOR SUBSISTENCE.....	65,927	65,927
12300 INCENTIVE PAYS.....	31,661	31,661
12350 SPECIAL PAYS.....	3,582	3,582
12400 ALLOWANCES.....	35,359	35,359
12450 SEPARATION PAY.....	13,077	13,077
12500 SOCIAL SECURITY TAX.....	117,478	117,478
12550 TOTAL, BUDGET ACTIVITY 1.....	2,777,092	2,777,092
12600 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL		
12650 BASIC PAY.....	4,840,416	4,840,416
12700 RETIRED PAY ACCRUAL.....	1,425,856	1,425,856
12750 BASIC ALLOWANCE FOR HOUSING.....	1,557,367	1,557,367
12800 INCENTIVE PAYS.....	9,137	9,137
12850 SPECIAL PAYS.....	116,757	116,757
12900 ALLOWANCES.....	289,349	289,349
12950 SEPARATION PAY.....	97,926	97,926
13000 SOCIAL SECURITY TAX.....	369,924	369,924
13050 TOTAL, BUDGET ACTIVITY 2.....	8,706,732	8,706,732
13100 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL		
13150 BASIC ALLOWANCE FOR SUBSISTENCE.....	440,800	440,800
13200 SUBSISTENCE-IN-KIND.....	386,455	386,455
13250 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	10	10
13300 TOTAL, BUDGET ACTIVITY 4.....	827,265	827,265

15A

100  
100  
100



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
13350	ACTIVITY 5: PERMANENT CHANGE OF STATION	
13400	64,291	64,291
13450	7,185	7,185
13500	130,620	130,620
13550	107,630	107,630
13600	109,224	109,224
13650	380	380
13700	7,942	7,942
13750	5,473	5,473
13850	432,745	432,745
13900	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS	
13950	395	395
14000	19	19
14050	12,900	12,900
14100	77,928	77,928
14150	7,125	7,125
14200	116	116
14250	2,122	2,122
14300	101	101
14400	3,589	3,589
14450	104,295	104,295
14500	-34,717	-34,717
14600	---	-78,230
14650	12,813,412	12,735,182
16000	12,813,412	12,735,182

158

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Final Bill
<b>UNDISTRIBUTED ADJUSTMENTS</b>		<b>-78,230</b>
Unobligated/Unexpended balances		-112,030
Permanent change of station restoral		20,000
Increase in Marine Corps end strength/pay raise		13,800

150

MILITARY PERSONNEL, AIR FORCE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 16A-C

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
17000 MILITARY PERSONNEL, AIR FORCE		
17050 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS		
17100 BASIC PAY.....	4,886,786	4,886,786
17150 RETIRED PAY ACCRUAL.....	1,433,571	1,433,571
17200 BASIC ALLOWANCE FOR HOUSING.....	1,507,570	1,507,570
17250 BASIC ALLOWANCE FOR SUBSISTENCE.....	199,210	199,210
17300 INCENTIVE PAYS.....	230,325	230,325
17350 SPECIAL PAYS.....	303,925	303,925
17400 ALLOWANCES.....	110,509	110,509
17450 SEPARATION PAY.....	54,540	54,540
17500 SOCIAL SECURITY TAX.....	373,187	373,187
17550 TOTAL, BUDGET ACTIVITY 1.....	9,099,623	9,099,623
17600 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL		
17650 BASIC PAY.....	8,811,898	8,811,898
17700 RETIRED PAY ACCRUAL.....	2,591,637	2,591,637
17750 BASIC ALLOWANCE FOR HOUSING.....	3,674,509	3,674,509
17800 INCENTIVE PAYS.....	35,601	35,601
17850 SPECIAL PAYS.....	357,581	357,581
17900 ALLOWANCES.....	503,008	503,008
17950 SEPARATION PAY.....	109,908	109,908
18000 SOCIAL SECURITY TAX.....	674,109	674,109
18050 TOTAL, BUDGET ACTIVITY 2.....	16,758,251	16,758,251
18100 ACTIVITY 3: PAY AND ALLOWANCES OF CADETS		
18150 ACADEMY CADETS.....	72,144	72,144
18200 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL		
18250 BASIC ALLOWANCE FOR SUBSISTENCE.....	1,007,662	1,007,662
18300 SUBSISTENCE-IN-KIND.....	131,986	131,986
18350 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	8	8
18400 TOTAL, BUDGET ACTIVITY 4.....	1,139,656	1,139,656

16A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
18450	ACTIVITY 5: PERMANENT CHANGE OF STATION	
18500	ACCESSION TRAVEL.....	90,791 90,791
18550	TRAINING TRAVEL.....	71,207 71,207
18600	OPERATIONAL TRAVEL.....	265,682 265,682
18650	ROTATIONAL TRAVEL.....	567,998 567,998
18700	SEPARATION TRAVEL.....	147,938 147,938
18750	TRAVEL OF ORGANIZED UNITS.....	9,204 9,204
18800	NON-TEMPORARY STORAGE.....	23,664 23,664
18850	TEMPORARY LODGING EXPENSE.....	34,701 34,701
18950	TOTAL, BUDGET ACTIVITY 5.....	1,211,185 1,211,185
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.....	16,000 16,000
19200	UNEMPLOYMENT BENEFITS.....	53,431 53,431
19300	EDUCATION BENEFITS.....	79 79
19350	ADOPTION EXPENSES.....	435 435
19400	TRANSPORTATION SUBSIDY.....	4,841 4,841
19450	PARTIAL DISLOCATION ALLOWANCE.....	723 723
19550	RESERVE OFFICERS TRAINING CORPS (ROTC).....	29,445 29,445
19600	JUNIOR ROTC.....	18,200 18,200
19650	TOTAL, BUDGET ACTIVITY 6.....	125,861 125,861
19700	LESS REIMBURSABLES.....	-462,105 -462,105
19750	UNDISTRIBUTED ADJUSTMENT.....	--- 14,180
19800	TOTAL, ACTIVE FORCES, AIR FORCE.....	27,944,615 27,958,795
21000	TOTAL, MILITARY PERSONNEL, AIR FORCE.....	27,944,615 27,958,795

16B

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Final Bill
<b>UNDISTRIBUTED ADJUSTMENTS</b>		<b>14,180</b>
Unobligated/Unexpended balances		-192,220
Increase in Air Force end strength/pay raise		206,400

16C

RESERVE PERSONNEL, ARMY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert IFA-B

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
23000 RESERVE PERSONNEL, ARMY		
23050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT		
23100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	1,549,028	1,549,028
23150 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	41,018	41,018
23200 PAY GROUP F TRAINING (RECRUITS).....	216,524	216,524
23250 PAY GROUP P TRAINING (PIPELINE RECRUITS).....	11,514	11,514
23300 MOBILIZATION TRAINING .....	326	326
23350 SCHOOL TRAINING.....	224,758	224,758
23400 SPECIAL TRAINING.....	281,611	281,611
23450 ADMINISTRATION AND SUPPORT.....	2,120,835	2,120,835
23500 EDUCATION BENEFITS.....	4,124	4,124
23550 HEALTH PROFESSION SCHOLARSHIP .....	59,937	59,937
23600 OTHER PROGRAMS .....	52,028	52,028
23650 TOTAL, BUDGET ACTIVITY 1.....	4,561,703	4,561,703
23800 UNDISTRIBUTED ADJUSTMENT.....	---	-36,840
24000 TOTAL RESERVE PERSONNEL, ARMY.....	4,561,703	4,524,863





EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Final Bill
<b>UNDISTRIBUTED ADJUSTMENTS</b>		<b>-36,840</b>
Unobligated/Unexpended balances		-89,940
Increase in Army Reserve end strength/pay raise		53,100

17B

RESERVE PERSONNEL, NAVY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 18A-B

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
26000 RESERVE PERSONNEL, NAVY		
26050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT		
26100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	625,660	625,660
26150 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	7,369	7,369
26200 PAY GROUP F TRAINING (RECRUITS).....	62,904	62,904
26250 MOBILIZATION TRAINING.....	8,732	8,732
26300 SCHOOL TRAINING.....	50,441	50,441
26350 SPECIAL TRAINING.....	112,504	112,504
26400 ADMINISTRATION AND SUPPORT.....	1,004,041	1,004,041
26450 EDUCATION BENEFITS.....	105	105
26500 HEALTH PROFESSION SCHOLARSHIP.....	52,399	52,399
26550 TOTAL, BUDGET ACTIVITY 1.....	1,924,155	1,924,155
26600 UNDISTRIBUTED ADJUSTMENT.....	---	-3,110
27000 TOTAL, RESERVE PERSONNEL, NAVY.....	1,924,155	1,921,045

18A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Final Bill
<b>UNDISTRIBUTED ADJUSTMENTS</b>		<b>-3,110</b>
Unobligated/Unexpended balances		-8,010
Navy Reserve pay raise		4,900

RESERVE PERSONNEL, MARINE CORPS

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 19A-B

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
28000 RESERVE PERSONNEL, MARINE CORPS		
28050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT		
28100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	274,555	274,555
28150 PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY).....	43,539	43,539
28200 PAY GROUP F TRAINING (RECRUITS).....	124,902	124,902
28300 MOBILIZATION TRAINING.....	2,096	2,096
28350 SCHOOL TRAINING.....	24,607	24,607
28400 SPECIAL TRAINING.....	29,000	29,000
28450 ADMINISTRATION AND SUPPORT.....	237,484	237,484
28500 PLATOON LEADER CLASS.....	8,124	8,124
28550 EDUCATION BENEFITS.....	688	688
28600 TOTAL, BUDGET ACTIVITY 1.....	744,995	744,995
28700 UNDISTRIBUTED ADJUSTMENT.....	---	-200
29000 TOTAL, RESERVE PERSONNEL, MARINE CORPS.....	744,995	744,795

19A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Final Bill
<b>UNDISTRIBUTED ADJUSTMENTS</b>		<b>-200</b>
Unobligated/Unexpended balances		-2,100
Marine Corps Reserve pay raise		1,900

19B

RESERVE PERSONNEL, AIR FORCE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 20A-B

~~(INSERT PROJECT LEVEL TABLE)~~ e



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
30000 RESERVE PERSONNEL, AIR FORCE		
30050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT		
30100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	696,068	696,068
30150 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	98,133	98,133
30200 PAY GROUP F TRAINING (RECRUITS).....	55,568	55,568
30250 PAY GROUP P TRAINING (PIPELINE RECRUITS).....	2,559	2,559
30300 MOBILIZATION TRAINING.....	703	703
30350 SCHOOL TRAINING.....	159,593	159,593
30400 SPECIAL TRAINING.....	244,844	244,844
30450 ADMINISTRATION AND SUPPORT.....	409,615	409,615
30500 EDUCATION BENEFITS.....	12,533	12,533
30550 HEALTH PROFESSION SCHOLARSHIP.....	60,301	60,301
30600 OTHER PROGRAMS (ADMIN & SUPPORT).....	2,989	2,989
30650 TOTAL, BUDGET ACTIVITY 1.....	1,742,906	1,742,906
30750 UNDISTRIBUTED ADJUSTMENT.....	---	-17,380
31000 TOTAL, RESERVE PERSONNEL, AIR FORCE.....	1,742,906	1,725,526

20A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Final Bill
<b>UNDISTRIBUTED ADJUSTMENTS</b>		-17,380
Unobligated/Unexpended balances		-21,780
Air Force Reserve pay raise		4,400

20B

NATIONAL GUARD PERSONNEL, ARMY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 21A-B

~~(INSERT PROJECT LEVEL TABLE)~~ 0

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
32000 NATIONAL GUARD PERSONNEL, ARMY		
32050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT		
32100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	2,561,418	2,561,418
32150 PAY GROUP F TRAINING (RECRUITS).....	551,868	551,868
32200 PAY GROUP P TRAINING (PIPELINE RECRUITS).....	46,202	46,202
32250 SCHOOL TRAINING.....	546,563	536,563
32300 SPECIAL TRAINING.....	570,009	590,659
32350 ADMINISTRATION AND SUPPORT.....	3,632,138	3,632,138
32400 EDUCATION BENEFITS.....	2,496	2,496
32450 TOTAL, BUDGET ACTIVITY 1.....	7,910,694	7,921,344
32800 UNDISTRIBUTED ADJUSTMENT.....	---	-21,921
33000 TOTAL, NATIONAL GUARD PERSONNEL, ARMY.....	7,910,694	7,899,423

21A

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
[In thousands of dollars]

<b>M-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>SCHOOL TRAINING</b>	<b>546,563</b>	<b>536,563</b>
Unjustified increase		-10,000
<b>SPECIAL TRAINING</b>	<b>570,009</b>	<b>590,659</b>
Program increase - State Partnership Program		3,750
Cyber protection teams		6,900
Operation Phalanx		10,000
<b>UNDISTRIBUTED ADJUSTMENTS</b>		<b>-21,921</b>
Unobligated/Unexpended balances		-120,000
Program increase - trauma training		1,579
Increase in Army National Guard end strength/pay raise		96,500

(21B)

5/10/07  
"ORIGINATOR"  
♦

NATIONAL GUARD PERSONNEL, AIR FORCE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 22A-B

~~(INSERT PROJECT LEVEL TABLE)~~ e

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
34000 NATIONAL GUARD PERSONNEL, AIR FORCE		
34050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT		
34100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	934,650	934,650
34150 PAY GROUP F TRAINING (RECRUITS).....	131,022	131,022
34200 PAY GROUP P TRAINING (PIPELINE RECRUITS).....	10,555	10,555
34250 SCHOOL TRAINING.....	349,904	349,904
34300 SPECIAL TRAINING.....	167,077	169,027
34350 ADMINISTRATION AND SUPPORT.....	1,678,355	1,678,355
34400 EDUCATION BENEFITS.....	8,502	8,502
34450 TOTAL, BUDGET ACTIVITY 1.....	3,280,065	3,282,015
34700 UNDISTRIBUTED ADJUSTMENT.....	---	1,967
35000 TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE.....	3,280,065	3,283,982

22A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Final Bill
<b>SPECIAL TRAINING</b>	167,077	169,027
Program increase - State Partnership Program		1,950
<b>UNDISTRIBUTED ADJUSTMENTS</b>		1,967
Unobligated/Unexpended balances		-8,000
Program increase - trauma training		1,367
Air National Guard pay raise		8,600

22B



## TITLE II – OPERATION AND MAINTENANCE

The agreement provides \$167,603,260,000 in Title II, Operation and Maintenance.  
The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT O&M RECAP TABLE)~~

insert 23A



REPROGRAMMING GUIDANCE FOR OPERATION AND MAINTENANCE ACCOUNTS

The Secretary of Defense is directed to submit the Base for Reprogramming (DD Form 1414) for each of the fiscal year 2017 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 Secretary of Defense is directed 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
- Land forces operations support
- Force readiness operations support
- Land forces depot maintenance
- Base operations support
- Facilities sustainment, restoration, and modernization

*Navy:*

- Mission and other flight operations
- 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  
Operating forces depot maintenance  
Facilities sustainment, restoration, and modernization  
Mobilization depot maintenance  
Training and recruiting depot maintenance  
Administration and service-wide depot maintenance

*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.

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 the explanatory statement 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

explanatory statement. 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.

#### READINESS

The agreement provides additional readiness funds for the Services within the operation and maintenance accounts. This funding shall be used only to improve military readiness, including increased training, depot maintenance, and base operations support. None of the funding provided may be used for recruiting, marketing, or advertising programs. The funding provided is a congressional special interest item. The Secretary of Defense and the Service Secretaries are directed to submit a detailed spending plan by sub-activity group to the House and Senate Appropriations Committees not less than 30 days prior to the obligation of these funds. These transfers may be implemented 30 days after congressional notification unless an objection is received from either the House or Senate Appropriations Committees.

#### ENERGY INDEPENDENCE AND SECURITY ACT

The agreement does not include a provision included in the House-passed version of H.R. 5293 that referenced the Energy Independence and Security Act of 2007. It is noted that the enforcement of section 526 of the Energy Independence and Security Act of 2007 may lead to higher fuel costs for federal fleets in the absence of competitively priced new generation fuels that emit fewer emissions. In carrying out this statute, the Secretary of Defense and the Service Secretaries should work to ensure that costs associated with fuel purchases necessary to carry out their respective missions should be minimized to the greatest extent possible.

## CIVILIAN PAY RAISE

Although the agreement does not include additional funds specifically for the civilian pay increase from 1.6 percent to 2.1 percent, sufficient funding is available within the appropriations accounts to fully fund the increase due to assets created by the civilian hiring freeze and the extended length of H.R. 2028, the Further Continuing and Security Assistance Appropriations Act, 2017.

## AQUEOUS FILM FORMING FOAM

The use of the fire-extinguishing agent Aqueous Film Forming Foam (AFFF) by the Department of Defense has been linked to elevated levels of perfluorinated chemicals (PFCs) on military bases and in neighboring communities. According to the Centers for Disease Control and Prevention and the National Institutes of Health, PFCs have adverse impacts on human health. The Navy and Air Force have begun remediation of PFC contamination. The Secretary of Defense is encouraged to require all Services to establish procedures for prompt and cost-effective remediation. In addition, the Secretary of Defense is directed to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act that assesses the number of formerly used and current military installations where AFFF was or is currently used and the impact of PFC contaminated drinking water on surrounding communities. The report should also include plans for prompt community notification of such contamination, when the contamination was detected, and the procedures for timely remediation.

OPERATION AND MAINTENANCE, ARMY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 28A-E

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
OPERATION AND MAINTENANCE, ARMY		
BUDGET ACTIVITY 1: OPERATING FORCES		
LAND FORCES		
10	MANEUVER UNITS.....	791,450 561,026
20	MODULAR SUPPORT BRIGADES.....	68,373 68,373
30	ECHELONS ABOVE BRIGADES.....	438,823 436,313
40	THEATER LEVEL ASSETS.....	660,258 650,258
50	LAND FORCES OPERATIONS SUPPORT.....	863,928 863,928
60	AVIATION ASSETS.....	1,360,597 1,357,686
LAND FORCES READINESS		
70	FORCE READINESS OPERATIONS SUPPORT.....	3,086,443 2,537,011
80	LAND FORCES SYSTEMS READINESS.....	439,488 439,488
90	LAND FORCES DEPOT MAINTENANCE.....	1,013,452 376,128
LAND FORCES READINESS SUPPORT		
100	BASE OPERATIONS SUPPORT.....	7,816,343 7,816,343
110	FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION..	2,234,546 2,259,546
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS.....	452,105 441,256
130	COMBATANT COMMANDER'S CORE OPERATIONS.....	155,658 155,658
170	COMBATANT COMMANDERS ANCILLARY MISSIONS.....	441,143 441,143
	TOTAL, BUDGET ACTIVITY 1.....	19,822,607 18,404,157
BUDGET ACTIVITY 2: MOBILIZATION		
MOBILITY OPERATIONS		
180	STRATEGIC MOBILITY.....	336,329 336,329
190	ARMY PREPOSITIONED STOCKS.....	390,848 415,848
200	INDUSTRIAL PREPAREDNESS.....	7,401 7,401
	TOTAL, BUDGET ACTIVITY 2.....	734,578 759,578

28A

800  
1000



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
BUDGET ACTIVITY 3: TRAINING AND RECRUITING		
210	ACCESSION TRAINING OFFICER ACQUISITION.....	131,942 131,942
220	RECRUIT TRAINING.....	47,846 47,846
230	ONE STATION UNIT TRAINING.....	45,419 45,419
240	SENIOR RESERVE OFFICERS TRAINING CORPS.....	482,747 482,747
BASIC SKILL AND ADVANCED TRAINING		
250	SPECIALIZED SKILL TRAINING.....	921,025 927,525
260	FLIGHT TRAINING.....	902,845 902,845
270	PROFESSIONAL DEVELOPMENT EDUCATION.....	216,583 214,583
280	TRAINING SUPPORT.....	607,534 593,534
RECRUITING AND OTHER TRAINING AND EDUCATION		
290	RECRUITING AND ADVERTISING.....	550,599 535,599
300	EXAMINING.....	187,263 187,263
310	OFF-DUTY AND VOLUNTARY EDUCATION.....	189,556 189,556
320	CIVILIAN EDUCATION AND TRAINING.....	182,835 182,835
330	JUNIOR RESERVE OFFICERS TRAINING CORPS.....	171,167 176,667
	TOTAL, BUDGET ACTIVITY 3.....	4,637,361 4,618,361
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES		
LOGISTICS OPERATIONS		
350	SERVICEWIDE TRANSPORTATION.....	230,739 230,739
360	CENTRAL SUPPLY ACTIVITIES.....	850,060 850,060
370	LOGISTICS SUPPORT ACTIVITIES.....	778,757 743,757
380	AMMUNITION MANAGEMENT.....	370,010 370,010

28B

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
390		
SERVICEWIDE SUPPORT ADMINISTRATION.....	451,556	451,556
400		
SERVICEWIDE COMMUNICATIONS.....	1,888,123	1,896,523
410		
MANPOWER MANAGEMENT.....	276,403	276,403
420		
OTHER PERSONNEL SUPPORT.....	369,443	369,443
430		
OTHER SERVICE SUPPORT.....	1,096,074	1,096,074
440		
ARMY CLAIMS ACTIVITIES.....	207,800	207,800
450		
REAL ESTATE MANAGEMENT.....	240,641	240,641
460		
BASE OPERATIONS SUPPORT.....	250,612	250,612
SUPPORT OF OTHER NATIONS		
470		
SUPPORT OF NATO OPERATIONS.....	416,587	416,587
480		
MISC. SUPPORT OF OTHER NATIONS.....	36,666	36,666
OTHER PROGRAMS		
OTHER PROGRAMS.....	1,151,023	1,120,423
TOTAL, BUDGET ACTIVITY 4.....	8,814,494	8,557,294
EXCESS WORKING CAPITAL FUND CARRYOVER.....	---	-150,000
OVERESTIMATION OF CIVILIAN FTE TARGETS.....	---	-60,000
RESTORE READINESS.....	---	285,000
PROGRAMMED SAVINGS UNACCOUNTED FOR.....	---	-15,000
OPERATIONAL SUPPORT FOR INCREASE IN ARMY END STRENGTH.	---	337,000
LONG TERM TDY WAIVERS.....	---	1,783
TOTAL, OPERATION AND MAINTENANCE, ARMY.....	33,809,040	32,738,173

280

SPAD

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
[In thousands of dollars]

O-1	Budget Request	Final Bill
<b>111 MANEUVER UNITS</b>	<b>791,450</b>	<b>561,026</b>
Unjustified growth		-5,424
OCO/GWOT operations - transfer to title IX		-225,000
<b>113 ECHELONS ABOVE BRIGADE</b>	<b>438,823</b>	<b>436,313</b>
Unjustified program growth		-2,510
<b>114 THEATER LEVEL ASSETS</b>	<b>660,258</b>	<b>650,258</b>
Unjustified growth		-10,000
<b>116 AVIATION ASSETS</b>	<b>1,360,597</b>	<b>1,357,686</b>
Unjustified program growth		-2,911
<b>121 FORCE READINESS OPERATIONS SUPPORT</b>	<b>3,086,443</b>	<b>2,537,011</b>
Travel - unjustified program growth		-6,592
Program decrease not properly accounted for		-43,000
Program increase - trauma training		160
OCO/GWOT operations - transfer to title IX		-500,000
<b>123 LAND FORCES DEPOT MAINTENANCE</b>	<b>1,013,452</b>	<b>376,128</b>
Program increase		5,000
OCO/GWOT operations - transfer to title IX		-642,324
<b>132 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>2,234,546</b>	<b>2,259,546</b>
Program increase		25,000
<b>133 MANAGEMENT AND OPERATIONAL HEADQUARTERS</b>	<b>452,105</b>	<b>441,256</b>
Unjustified program growth		-10,849
<b>212 ARMY PREPOSITIONED STOCKS</b>	<b>390,848</b>	<b>415,848</b>
Program increase		25,000
<b>321 SPECIALIZED SKILL TRAINING</b>	<b>921,025</b>	<b>927,525</b>
Program increase - language capabilities		6,500
<b>323 PROFESSIONAL DEVELOPMENT EDUCATION</b>	<b>216,583</b>	<b>214,583</b>
Unjustified program growth		-2,000
<b>324 TRAINING SUPPORT</b>	<b>607,534</b>	<b>593,534</b>
Unjustified growth		-14,000
<b>331 RECRUITING AND ADVERTISING</b>	<b>550,599</b>	<b>535,599</b>
Unjustified program growth		-15,000
<b>335 JUNIOR ROTC</b>	<b>171,167</b>	<b>176,667</b>
Program increase		5,500
<b>411 SECURITY PROGRAMS</b>	<b>1,151,023</b>	<b>1,120,423</b>
Classified adjustment		-6,600
OPM rates - unjustified growth		-24,000
<b>423 LOGISTIC SUPPORT ACTIVITIES</b>	<b>778,757</b>	<b>743,757</b>
Program decrease not properly accounted for		-35,000

28D

O-1	Budget Request	Final Bill
<b>432 SERVICEWIDE COMMUNICATIONS</b> Program increase - Biometrics Identity Management Activity	1,888,123	1,896,523 8,400
<b>435 OTHER SERVICE SUPPORT</b> Remove one-time fiscal year 2016 funding increase Army support to Capitol 4th	1,096,074	1,096,074 -5,500 5,500
<b>LONG-TERM TEMPORARY DUTY WAIVERS</b>		1,783
<b>OVERESTIMATION OF CIVILIAN FTE TARGETS</b>		-60,000
<b>WORKING CAPITAL FUND CARRYOVER</b>		-150,000
<b>PROGRAMMED SAVINGS NOT PROPERLY ACCOUNTED FOR</b>		-15,000
<b>RESTORE READINESS</b>		285,000
<b>OPERATIONAL SUPPORT FOR INCREASE IN ARMY END STRENGTH</b>		337,000

## OPERATION AND MAINTENANCE, NAVY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 29A-F

~~(INSERT PROJECT LEVEL TABLE)~~

### READINESS COST ASSESSMENT TOOL

The recently published Naval Aviation Vision 2016-2025 offered strong support for the Readiness Cost Assessment Tool, which is the first phase of the Proficiency Optimization initiative. In lieu of the reporting requirement in House Report 114-577, the Secretary of the Navy is directed to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act that describes the Naval Aviation Enterprise Proficiency Optimization initiative, the current funding profile, and the potential to accelerate or streamline the program strategy.

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
OPERATION AND MAINTENANCE, NAVY		
BUDGET ACTIVITY 1: OPERATING FORCES		
AIR OPERATIONS		
10	MISSION AND OTHER FLIGHT OPERATIONS.....	4,094,765 3,674,765
20	FLEET AIR TRAINING.....	1,722,473 1,703,873
30	AVIATION TECHNICAL DATA AND ENGINEERING SERVICES.....	52,670 52,670
40	AIR OPERATIONS AND SAFETY SUPPORT.....	97,584 97,584
50	AIR SYSTEMS SUPPORT.....	446,733 449,233
60	AIRCRAFT DEPOT MAINTENANCE.....	1,007,681 990,681
70	AIRCRAFT DEPOT OPERATIONS SUPPORT.....	38,248 38,248
80	AVIATION LOGISTICS.....	564,720 582,220
SHIP OPERATIONS		
90	MISSION AND OTHER SHIP OPERATIONS.....	3,513,083 3,088,083
100	SHIP OPERATIONS SUPPORT AND TRAINING.....	743,765 743,765
110	SHIP DEPOT MAINTENANCE.....	5,168,273 4,790,873
120	SHIP DEPOT OPERATIONS SUPPORT.....	1,575,578 1,652,338
COMBAT COMMUNICATIONS/SUPPORT		
130	COMBAT COMMUNICATIONS.....	558,727 558,727
140	ELECTRONIC WARFARE.....	105,680 105,680
150	SPACE SYSTEMS AND SURVEILLANCE.....	180,406 180,406
160	WARFARE TACTICS.....	470,032 470,032
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY.....	346,703 351,703
180	COMBAT SUPPORT FORCES.....	1,158,688 1,154,688
190	EQUIPMENT MAINTENANCE.....	113,692 113,692
200	DEPOT OPERATIONS SUPPORT.....	2,509 2,509
210	COMBATANT COMMANDERS CORE OPERATIONS.....	91,019 91,019
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT.....	74,780 74,780

29A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
WEAPONS SUPPORT		
230	CRUISE MISSILE.....	106,030 106,030
240	FLEET BALLISTIC MISSILE.....	1,233,805 1,239,891
250	IN-SERVICE WEAPONS SYSTEMS SUPPORT.....	163,025 163,025
260	WEAPONS MAINTENANCE.....	553,269 553,269
270	OTHER WEAPON SYSTEMS SUPPORT .....	350,010 350,010
BASE SUPPORT		
280	ENTERPRISE INFORMATION TECHNOLOGY.....	790,685 790,685
290	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	1,642,742 1,667,742
300	BASE OPERATING SUPPORT.....	4,206,136 4,176,136
-----		
	TOTAL, BUDGET ACTIVITY 1.....	31,173,511 30,014,357
BUDGET ACTIVITY 2: MOBILIZATION		
READY RESERVE AND PREPOSITIONING FORCES		
310	SHIP PREPOSITIONING AND SURGE.....	893,517 893,517
320	READY RESERVE FORCE.....	274,524 274,524
ACTIVATIONS/INACTIVATIONS		
320	AIRCRAFT ACTIVATIONS/INACTIVATIONS.....	6,727 6,727
330	SHIP ACTIVATIONS/INACTIVATIONS.....	288,154 234,154
MOBILIZATION PREPAREDNESS		
340	FLEET HOSPITAL PROGRAM.....	95,720 95,720
360	INDUSTRIAL READINESS.....	2,109 2,109
370	COAST GUARD SUPPORT.....	21,114 21,114
-----		
	TOTAL, BUDGET ACTIVITY 2.....	1,581,865 1,527,865

29B

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
BUDGET ACTIVITY 3: TRAINING AND RECRUITING		
380	ACCESSION TRAINING OFFICER ACQUISITION.....	143,815 143,815
390	RECRUIT TRAINING.....	8,519 8,519
400	RESERVE OFFICERS TRAINING CORPS.....	143,445 143,445
BASIC SKILLS AND ADVANCED TRAINING		
410	SPECIALIZED SKILL TRAINING.....	699,214 699,214
420	FLIGHT TRAINING.....	5,310 5,310
430	PROFESSIONAL DEVELOPMENT EDUCATION.....	172,852 172,852
440	TRAINING SUPPORT.....	222,728 222,728
RECRUITING, AND OTHER TRAINING AND EDUCATION		
450	RECRUITING AND ADVERTISING.....	225,647 225,639
460	OFF-DUTY AND VOLUNTARY EDUCATION.....	130,569 130,569
470	CIVILIAN EDUCATION AND TRAINING.....	73,730 73,730
480	JUNIOR ROTC.....	50,400 50,400
-----		
	TOTAL, BUDGET ACTIVITY 3.....	1,876,229 1,876,221
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES		
SERVICEWIDE SUPPORT		
490	ADMINISTRATION.....	917,453 893,453
500	EXTERNAL RELATIONS.....	14,570 14,570
510	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT.....	124,070 124,070
520	MILITARY MANPOWER AND PERSONNEL MANAGEMENT.....	369,767 365,767
530	OTHER PERSONNEL SUPPORT.....	285,927 285,927
540	SERVICEWIDE COMMUNICATIONS.....	319,908 319,908

290

804  
1110



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
570 LOGISTICS OPERATIONS AND TECHNICAL SUPPORT SERVICEWIDE TRANSPORTATION.....	171,659	171,659
590 PLANNING, ENGINEERING AND DESIGN.....	270,863	270,863
600 ACQUISITION AND PROGRAM MANAGEMENT.....	1,112,766	1,112,766
610 HULL, MECHANICAL AND ELECTRICAL SUPPORT.....	49,078	49,078
620 COMBAT/WEAPONS SYSTEMS.....	24,989	24,989
630 SPACE AND ELECTRONIC WARFARE SYSTEMS.....	72,966	72,966
SECURITY PROGRAMS		
640 NAVAL INVESTIGATIVE SERVICE.....	595,711	595,711
SUPPORT OF OTHER NATIONS		
700 INTERNATIONAL HEADQUARTERS AND AGENCIES.....	4,809	4,809
OTHER PROGRAMS		
OTHER PROGRAMS.....	517,440	511,840
TOTAL, BUDGET ACTIVITY 4.....	4,851,976	4,818,376
RESTORE READINESS.....	---	280,000
OPERATIONAL SUPPORT FOR INCREASE IN NAVY END STRENGTH.	---	33,800
LONG TERM TDY WAIVERS.....	---	1,398
TOTAL, OPERATION AND MAINTENANCE, NAVY.....	39,483,581	38,552,017

29D

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

<b>O-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>1A1A MISSION AND OTHER FLIGHT OPERATIONS</b>	<b>4,094,765</b>	<b>3,674,765</b>
Unjustified growth		-20,000
OCO/GWOT operations - transfer to title IX		-400,000
<b>1A2A FLEET AIR TRAINING</b>	<b>1,722,473</b>	<b>1,703,873</b>
Unjustified growth		-18,600
<b>1A4N AIR SYSTEMS SUPPORT</b>	<b>446,733</b>	<b>449,233</b>
Program increase - MV-22B readiness		1,200
Program increase - H-1 readiness		5,300
Unjustified growth		-4,000
<b>1A5A AIRCRAFT DEPOT MAINTENANCE</b>	<b>1,007,681</b>	<b>990,681</b>
Remove one-time fiscal year 2016 costs		-17,000
<b>1A9A AVIATION LOGISTICS</b>	<b>564,720</b>	<b>582,220</b>
Program increase - MV-22B readiness		10,700
Program increase - KC-130J readiness		6,800
<b>1B1B MISSION AND OTHER SHIP OPERATIONS</b>	<b>3,513,083</b>	<b>3,088,083</b>
OCO/GWOT operations - transfer to title IX		-425,000
<b>1B4B SHIP DEPOT MAINTENANCE</b>	<b>5,168,273</b>	<b>4,790,873</b>
Program increase		5,000
Program increase		9,500
Cruiser modernization - transfer from SMOSF		8,100
OCO/GWOT operations - transfer to title IX		-400,000
<b>1B5B SHIP DEPOT OPERATIONS SUPPORT</b>	<b>1,575,578</b>	<b>1,652,338</b>
Unjustified program growth		-2,500
Program increase		2,500
Cruiser modernization - transfer from SMOSF		76,760
<b>1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY</b>	<b>346,703</b>	<b>351,703</b>
Program increase		5,000
<b>1C6C COMBAT SUPPORT FORCES</b>	<b>1,158,688</b>	<b>1,154,688</b>
Reduce duplication		-4,000
<b>1D2D FLEET BALLISTIC MISSILE</b>	<b>1,233,805</b>	<b>1,239,891</b>
Program increase		6,086
<b>BSM1 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>1,642,742</b>	<b>1,667,742</b>
Program increase		25,000
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>4,206,136</b>	<b>4,176,136</b>
Excess to requirement		-15,000
Remove one-time fiscal year 2016 costs		-15,000
<b>2B2G SHIP ACTIVATIONS/INACTIVATIONS</b>	<b>288,154</b>	<b>234,154</b>
Navy-identified asset for inactivation costs for the CVN 65 due to change in acquisition strategy		-54,000

29E

O-1	Budget Request	Final Bill
<b>3C1L RECRUITING AND ADVERTISING</b>	<b>225,647</b>	<b>225,639</b>
Unjustified program growth		-1,230
Naval Sea Cadet Corps		1,222
<b>4A1M ADMINISTRATION</b>	<b>917,453</b>	<b>893,453</b>
Unjustified growth		-24,000
<b>4A4M MILITARY MANPOWER AND PERSONNEL MANAGEMENT</b>	<b>369,767</b>	<b>365,767</b>
Excess to need		-4,000
<b>9999 OTHER PROGRAMS</b>	<b>517,440</b>	<b>511,840</b>
Classified adjustment		-5,600
<b>LONG-TERM TEMPORARY DUTY WAIVERS</b>		<b>1,398</b>
<b>RESTORE READINESS</b>		<b>280,000</b>
<b>OPERATIONAL SUPPORT FOR INCREASE IN NAVY END STRENGTH</b>		<b>33,800</b>

(29F)

OPERATION AND MAINTENANCE, MARINE CORPS

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ Insert 30A-C

~~(INSERT PROJECT LEVEL TABLE)~~ e





**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

<b>O-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>1A1A OPERATIONAL FORCES</b>	<b>674,613</b>	<b>519,613</b>
Program decrease not properly accounted		-7,000
Program increase - enhanced combat helmets		22,000
Program increase - corrosion control		5,000
OCO/GWOT operations - transfer to title IX		-175,000
<b>1A2A FIELD LOGISTICS</b>	<b>947,424</b>	<b>954,624</b>
Program increase - rifle sights		13,200
Unjustified growth		-6,000
<b>1A3A DEPOT MAINTENANCE</b>	<b>206,783</b>	<b>208,783</b>
Program increase - corrosion control		2,000
<b>BSM1 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>632,673</b>	<b>640,424</b>
Program increase		7,751
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>2,136,626</b>	<b>1,933,626</b>
Unjustified program growth		-3,000
OCO/GWOT operations - transfer to title IX		-200,000
<b>4A4G ADMINISTRATION</b>	<b>355,932</b>	<b>341,932</b>
Program decrease not properly accounted		-14,000
<b>LONG-TERM TEMPORARY DUTY WAIVERS</b>		<b>343</b>
<b>OVERESTIMATION OF CIVILIAN FTE TARGETS</b>		<b>-35,000</b>
<b>RESTORE READINESS</b>		<b>59,000</b>
<b>OPERATIONAL SUPPORT FOR INCREASE IN MARINE CORPS END STRENGTH</b>		<b>52,600</b>

300

OPERATION AND MAINTENANCE, AIR FORCE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

Insert 31A-E

~~(INSERT PROJECT LEVEL TABLE)~~



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL	
OPERATION AND MAINTENANCE, AIR FORCE			
BUDGET ACTIVITY 1: OPERATING FORCES			
AIR OPERATIONS			
10	PRIMARY COMBAT FORCES.....	3,294,124 2,871,874	
20	COMBAT ENHANCEMENT FORCES.....	1,682,045 1,650,045	
30	AIR OPERATIONS TRAINING.....	1,730,757 1,730,757	
40	DEPOT MAINTENANCE.....	7,042,988 6,957,988	
50	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	1,657,019 1,682,019	
60	BASE OPERATING SUPPORT.....	2,787,216 2,785,216	
COMBAT RELATED OPERATIONS			
70	GLOBAL C3I AND EARLY WARNING.....	887,831 890,831	
80	OTHER COMBAT OPERATIONS SUPPORT PROGRAMS.....	1,070,178 1,070,678	
SPACE OPERATIONS			
100	LAUNCH FACILITIES.....	208,582 208,582	
110	SPACE CONTROL SYSTEMS.....	362,250 362,250	
120	COMBATANT COMMANDERS DIRECT MISSION SUPPORT.....	907,245 907,245	
130	COMBATANT COMMANDERS CORE OPERATIONS.....	199,171 199,171	
OPERATING FORCES CLASSIFIED PROGRAMS.....			930,757 932,850
TOTAL, BUDGET ACTIVITY 1.....			22,760,163 22,249,506

31A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL		
-----				
BUDGET ACTIVITY 2: MOBILIZATION				
140				
MOBILITY OPERATIONS				
AIRLIFT OPERATIONS.....	1,703,059	1,273,059		
150				
MOBILIZATION PREPAREDNESS.....			138,899	138,899
160				
DEPOT MAINTENANCE.....			1,553,439	1,139,439
170				
FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..			258,328	262,328
180				
BASE SUPPORT.....			722,756	722,756
TOTAL, BUDGET ACTIVITY 2.....			4,376,481	3,536,481
-----				
BUDGET ACTIVITY 3: TRAINING AND RECRUITING				
ACCESSION TRAINING				
190				
OFFICER ACQUISITION.....			120,886	115,886
200				
RECRUIT TRAINING.....			23,782	23,782
210				
RESERVE OFFICER TRAINING CORPS (ROTC).....			77,692	77,692
220				
FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..			236,254	240,454
230				
BASE SUPPORT (ACADEMIES ONLY).....			819,915	831,615
BASIC SKILLS AND ADVANCED TRAINING				
240				
SPECIALIZED SKILL TRAINING.....			387,446	395,246
250				
FLIGHT TRAINING.....			725,134	725,134
260				
PROFESSIONAL DEVELOPMENT EDUCATION.....			264,213	262,213
270				
TRAINING SUPPORT.....			86,681	86,681
280				
DEPOT MAINTENANCE.....			305,004	305,004
RECRUITING, AND OTHER TRAINING AND EDUCATION				
290				
RECRUITING AND ADVERTISING.....			104,754	104,754
300				
EXAMINING.....			3,944	3,944
310				
OFF DUTY AND VOLUNTARY EDUCATION.....			184,841	184,841
320				
CIVILIAN EDUCATION AND TRAINING.....			173,583	171,883
330				
JUNIOR ROTC.....			58,877	58,877
TOTAL, BUDGET ACTIVITY 3.....			3,573,006	3,588,006

318

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES		
340	LOGISTICS OPERATIONS	
	LOGISTICS OPERATIONS.....	1,107,846 1,087,846
350	TECHNICAL SUPPORT ACTIVITIES.....	924,185 912,185
360	DEPOT MAINTENANCE.....	48,778 48,778
370	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	321,013 321,013
380	BASE SUPPORT.....	1,115,910 1,115,910
SERVICEWIDE ACTIVITIES		
390	ADMINISTRATION.....	811,650 811,650
400	SERVICEWIDE COMMUNICATIONS.....	269,809 269,809
410	OTHER SERVICEWIDE ACTIVITIES.....	961,304 956,304
420	CIVIL AIR PATROL CORPORATION.....	25,735 28,000
SUPPORT TO OTHER NATIONS		
450	INTERNATIONAL SUPPORT.....	90,573 90,573
SECURITY PROGRAMS		
	SECURITY PROGRAMS.....	1,131,603 1,123,403
-----		
	TOTAL, BUDGET ACTIVITY 4.....	6,808,406 6,765,471
	OVERESTIMATION OF CIVILIAN FTE TARGETS.....	--- -40,000
	RESTORE READINESS.....	--- 124,000
	UNJUSTIFIED GROWTH.....	--- -57,000
	OPERATIONAL SUPPORT FOR INCREASE IN AIR FORCE END STRENGTH.....	--- 79,900
	LONG TERM TDY WAIVERS.....	--- 1,360
-----		
	TOTAL, OPERATION AND MAINTENANCE, AIR FORCE.....	37,518,056 36,247,724
=====		

310

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

O-1	Budget Request	Final Bill
<b>011A PRIMARY COMBAT FORCES</b>	<b>3,294,124</b>	<b>2,871,874</b>
Unjustified program growth		-4,250
Program increase - Air Force RCS turntable modification		7,000
OCO/GWOT operations - transfer to title IX		-425,000
<b>011C COMBAT ENHANCEMENT FORCES</b>	<b>1,682,045</b>	<b>1,650,045</b>
Unjustified program growth		-17,000
Classified program transfer		-15,000
<b>011M DEPOT MAINTENANCE</b>	<b>7,042,988</b>	<b>6,957,988</b>
Unjustified program growth		-85,000
<b>011R FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>1,657,019</b>	<b>1,682,019</b>
Program increase		25,000
<b>011Z BASE OPERATING SUPPORT</b>	<b>2,787,216</b>	<b>2,785,216</b>
Unjustified program growth		-2,000
<b>012A GLOBAL C3I AND EARLY WARNING</b>	<b>887,831</b>	<b>890,831</b>
Removal of one-time fiscal year 2016 costs		-7,000
Program increase - Global C3I and early warning		10,000
<b>012C OTHER COMBAT OPS SUPPORT PROGRAMS</b>	<b>1,070,178</b>	<b>1,070,678</b>
Unjustified program growth		-10,000
Program increase - Eagle Vision		10,500
<b>012F CLASSIFIED PROGRAMS</b>	<b>930,757</b>	<b>932,850</b>
Classified adjustment		2,093
<b>021A AIRLIFT OPERATIONS</b>	<b>1,703,059</b>	<b>1,273,059</b>
Program decrease not properly accounted		-30,000
OCO/GWOT operations - transfer to title IX		-400,000
<b>021M DEPOT MAINTENANCE</b>	<b>1,553,439</b>	<b>1,139,439</b>
Removal of one-time fiscal year 2016 costs		-14,000
OCO/GWOT operations - transfer to title IX		-400,000
<b>021R FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>258,328</b>	<b>262,328</b>
Program increase		4,000
<b>031A OFFICER ACQUISITION</b>	<b>120,886</b>	<b>115,886</b>
Unjustified program growth		-5,000
<b>031R FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>236,254</b>	<b>240,454</b>
Program increase - cybersecurity training		4,200
<b>031Z BASE SUPPORT</b>	<b>819,915</b>	<b>831,615</b>
Program increase - cybersecurity training		11,700
<b>032A SPECIALIZED SKILL TRAINING</b>	<b>387,446</b>	<b>395,246</b>
Program increase - cybersecurity training		7,800
<b>032C PROFESSIONAL DEVELOPMENT EDUCATION</b>	<b>264,213</b>	<b>262,213</b>
Unjustified program growth		-2,000

310

<b>O-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>033D CIVILIAN EDUCATION AND TRAINING</b>	<b>173,583</b>	<b>171,883</b>
Unjustified program growth		-1,700
<b>041A LOGISTICS OPERATIONS</b>	<b>1,107,846</b>	<b>1,087,846</b>
Unjustified growth		-20,000
<b>041B TECHNICAL SUPPORT ACTIVITIES</b>	<b>924,185</b>	<b>912,185</b>
Program transfer not properly accounted		-12,000
<b>042G OTHER SERVICEWIDE ACTIVITIES</b>	<b>961,304</b>	<b>956,304</b>
Price growth requested as program growth		-5,000
<b>042I CIVIL AIR PATROL</b>	<b>25,735</b>	<b>28,000</b>
Program increase		2,265
<b>043A SECURITY PROGRAMS</b>	<b>1,131,603</b>	<b>1,123,403</b>
Classified adjustment		-8,200
<b>LONG-TERM TEMPORARY DUTY WAIVERS</b>		<b>1,360</b>
<b>OVERESTIMATION OF CIVILIAN FTE TARGETS</b>		<b>-40,000</b>
<b>UNJUSTIFIED GROWTH</b>		<b>-57,000</b>
<b>RESTORE READINESS</b>		<b>124,000</b>
<b>OPERATIONAL SUPPORT FOR INCREASE IN AIR FORCE END STRENGTH</b>		<b>79,900</b>

(31E)

## OPERATION AND MAINTENANCE, DEFENSE-WIDE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 32A-D

~~(INSERT PROJECT LEVEL TABLE)~~

### BACKGROUND INVESTIGATION SYSTEMS

The agreement fully funds the budget request for the Department of Defense to develop, replace, and sustain federal government security and suitability background investigation technology systems. In lieu of the language included under this heading in House Report 114-577, the Director of the Defense Information Systems Agency is directed to submit a progress report to the congressional defense committees not later than 90 days after the enactment of this Act, and semiannually thereafter, that includes the information technology development and implementation plan, associated timeline with milestones, costs for each phase of implementation, anticipated outyear costs, personnel structure, and any other significant issues related to the establishment and sustainment of a new federal government background information technology system housed within the Department of Defense.

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
OPERATION AND MAINTENANCE, DEFENSE-WIDE		
BUDGET ACTIVITY 1: OPERATING FORCES		
10	JOINT CHIEFS OF STAFF.....	506,113 504,113
20	OFFICE OF THE SECRETARY OF DEFENSE.....	524,439 524,439
30	SPECIAL OPERATIONS COMMAND.....	4,898,159 4,814,759
	TOTAL, BUDGET ACTIVITY 1.....	5,928,711 5,843,311
BUDGET ACTIVITY 3: TRAINING AND RECRUITING		
40	DEFENSE ACQUISITION UNIVERSITY.....	138,658 138,658
50	JOINT CHIEFS OF STAFF RECRUITING, AND OTHER TRAINING AND EDUCATION.....	85,701 85,701
70	SPECIAL OPERATIONS COMMAND.....	365,349 361,349
	TOTAL, BUDGET ACTIVITY 3.....	589,708 585,708
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES		
80	CIVIL MILITARY PROGRAMS.....	160,480 205,819
100	DEFENSE CONTRACT AUDIT AGENCY.....	630,925 623,925
110	DEFENSE CONTRACT MANAGEMENT AGENCY.....	1,356,380 1,346,380
120	DEFENSE HUMAN RESOURCES ACTIVITY.....	683,620 718,620
130	DEFENSE INFORMATION SYSTEMS AGENCY.....	1,439,891 1,427,591
150	DEFENSE LEGAL SERVICES AGENCY.....	24,984 24,984
160	DEFENSE LOGISTICS AGENCY.....	357,964 352,664
170	DEFENSE MEDIA ACTIVITY.....	223,422 224,122
180	DEFENSE POW /MISSING PERSONS OFFICE.....	112,681 112,681
170	DEFENSE SECURITY COOPERATION AGENCY.....	496,754 495,504
180	DEFENSE SECURITY SERVICE.....	538,711 535,711
200	DEFENSE TECHNOLOGY SECURITY AGENCY.....	35,417 35,417
210	DEFENSE THREAT REDUCTION AGENCY.....	448,146 444,346
230	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY.....	2,671,143 2,618,143

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
240 MISSILE DEFENSE AGENCY.....	446,975	440,725
260 OFFICE OF ECONOMIC ADJUSTMENT.....	155,399	136,199
270 OFFICE OF THE SECRETARY OF DEFENSE.....	1,481,643	1,478,205
280 SPECIAL OPERATIONS COMMAND.....	89,429	88,929
290 WASHINGTON HEADQUARTERS SERVICES.....	629,874	625,874
OTHER PROGRAMS.....	14,069,333	13,973,975
TOTAL, BUDGET ACTIVITY 4.....	26,053,171	25,909,814
IMPACT AID.....	---	30,000
IMPACT AID FOR CHILDREN WITH DISABILITIES.....	---	5,000
LONG-TERM TEMP DUTY WAIVERS.....	---	116
TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE.....	32,571,590	32,373,949

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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

O-1	Budget Request	Final Bill
<b>1PL1 JOINT CHIEFS OF STAFF</b>	<b>506,113</b>	<b>504,113</b>
Support to info ops capabilities - unjustified growth		-2,000
<b>1PL2 SPECIAL OPERATIONS COMMAND</b>	<b>4,898,159</b>	<b>4,814,759</b>
Overestimation of civilian FTE targets		-15,000
Contract support - unjustified growth		-6,000
Base support - unjustified growth		-8,000
Combat development activities - unjustified growth for equipment purchases		-3,000
Flight operations - unjustified growth for flight operations		-12,000
Intelligence - unjustified growth		-5,600
Maintenance - unjustified growth		-15,000
Other operations - unjustified growth		-1,300
Program decrease		-4,500
Operational support - program decrease not properly accounted		-5,000
Management headquarters - unjustified growth		-8,000
<b>3EV7 SPECIAL OPERATIONS COMMAND / TRAINING AND RECRUITING</b>	<b>365,349</b>	<b>361,349</b>
Specialized skill training - unjustified growth		-4,000
<b>4GT3 CIVIL MILITARY PROGRAMS</b>	<b>160,480</b>	<b>205,819</b>
Program increase - National Guard Youth Challenge		10,339
Program increase - STARBASE		30,000
Program increase - innovative readiness training		5,000
<b>4GT6 DEFENSE CONTRACT AUDIT AGENCY</b>	<b>630,925</b>	<b>623,925</b>
Reduce planned growth		-7,000
<b>4GTC DEFENSE CONTRACT MANAGEMENT AGENCY</b>	<b>1,356,380</b>	<b>1,346,380</b>
Unjustified growth and removal of one-time fiscal year 2016 costs		-10,000
<b>4GT8 DEFENSE HUMAN RESOURCES AGENCY</b>	<b>683,620</b>	<b>718,620</b>
Enterprise Human Resources Information System - unjustified growth		-4,000
Defense Travel Management Office - unjustified growth		-7,000
Program increase - Joint Advertising, Market Research, and Studies		1,000
Program increase - Special Victims' Counsel		25,000
Program increase - Beyond Yellow Ribbon		20,000
<b>4GT9 DEFENSE INFORMATION SYSTEMS AGENCY</b>	<b>1,439,891</b>	<b>1,427,591</b>
Program increase - secure communications		5,000
Remove one-time fiscal year 2016 costs		-7,300
Unjustified growth		-10,000
<b>4GTE DEFENSE LOGISTICS AGENCY</b>	<b>357,964</b>	<b>352,664</b>
Program increase - Procurement Technical Assistance Program		11,700
Enterprise Business Systems - unjustified growth		-6,000
Remove one-time fiscal year 2016 congressional increase		-11,000

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O-1	Budget Request	Final Bill
<b>ES18 DEFENSE MEDIA ACTIVITY</b>	<b>223,422</b>	<b>224,122</b>
Imagery services - unjustified growth		-3,000
Remove one-time fiscal year 2016 costs		-1,300
Program increase - IP streaming upgrades		5,000
<b>4GTC DEFENSE SECURITY COOPERATION AGENCY</b>	<b>496,754</b>	<b>495,504</b>
Administration expenses - unjustified growth		-250
Fellowship programs - unjustified growth		-1,000
<b>4GTE DEFENSE SECURITY SERVICE</b>	<b>538,711</b>	<b>535,711</b>
Overestimation of civilian FTE targets		-3,000
<b>4GTI DEFENSE THREAT REDUCTION AGENCY</b>	<b>448,146</b>	<b>444,346</b>
CWMD sustainment - unjustified growth		-3,800
<b>4GTJ DEPARTMENT OF DEFENSE EDUCATION ACTIVITY</b>	<b>2,671,143</b>	<b>2,618,143</b>
Overestimation of civilian FTE targets		-30,000
Unjustified program growth		-3,000
Remove one-time fiscal year 2016 costs		-3,000
Program increase - youth serving organizations		5,000
Armed Forces Retirement Home addressed in the Military Construction, Veterans Affairs, and Related Agencies Appropriations Act		-22,000
<b>011A MISSILE DEFENSE AGENCY</b>	<b>446,975</b>	<b>440,725</b>
THAAD sustainment early to need		-6,250
<b>4GTN OFFICE OF ECONOMIC ADJUSTMENT</b>	<b>155,399</b>	<b>136,199</b>
Authorization adjustment - public health laboratory funding ahead of need		-19,200
<b>4GTN OFFICE OF THE SECRETARY OF DEFENSE</b>	<b>1,481,643</b>	<b>1,478,205</b>
Overestimation of civilian FTE targets		-14,000
OSD policy rewards program - unjustified growth		-1,000
OSD Strategy Development - unjustified growth		-820
BRAC 2016 round planning and analyses - program decrease		-3,500
Program increase - Readiness and Environmental Protection Initiative		14,980
CWMD - program decrease		-4,498
Program decrease not properly accounted		-7,000
OUSD (AT&L) - unjustified growth		-2,600
Program increase - Operation Live Well		3,000
Program increase - fresh fruit and vegetable prescription plan		2,000
Program increase - Women in Military Service Memorial		5,000
Program increase - information assurance scholarship program		5,000
<b>4GT1 SPECIAL OPERATIONS COMMAND</b>	<b>89,429</b>	<b>88,929</b>
Acquisition/program management - unjustified growth		-500
<b>4GTC WASHINGTON HEADQUARTERS SERVICES</b>	<b>629,874</b>	<b>625,874</b>
Unjustified growth		-4,000
<b>999 OTHER PROGRAMS</b>	<b>14,069,333</b>	<b>13,973,975</b>
Classified adjustment		-95,358
<b>IMPACT AID</b>		<b>30,000</b>
<b>IMPACT AID for children with disabilities</b>		<b>5,000</b>
<b>LONG-TERM TEMPORARY DUTY WAIVERS</b>		<b>116</b>

OPERATION AND MAINTENANCE, ARMY RESERVE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 33A-B

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
OPERATION AND MAINTENANCE, ARMY RESERVE		
BUDGET ACTIVITY 1: OPERATING FORCES		
20	LAND FORCES MODULAR SUPPORT BRIGADES.....	11,435 11,435
30	ECHELONS ABOVE BRIGADES.....	491,772 491,772
40	THEATER LEVEL ASSETS.....	116,163 116,163
50	LAND FORCES OPERATIONS SUPPORT.....	563,524 563,524
60	AVIATION ASSETS.....	91,162 91,162
70	LAND FORCES READINESS FORCES READINESS OPERATIONS SUPPORT.....	347,459 344,659
80	LAND FORCES SYSTEM READINESS.....	101,926 101,926
90	DEPOT MAINTENANCE.....	56,219 56,219
100	LAND FORCES READINESS SUPPORT BASE OPERATIONS SUPPORT.....	573,843 566,043
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	214,955 223,912
120	MANAGEMENT AND OPERATIONS HEADQUARTERS.....	37,620 37,620
	TOTAL, BUDGET ACTIVITY 1.....	2,606,078 2,604,435
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES		
130	ADMINISTRATION AND SERVICEWIDE ACTIVITIES SERVICEWIDE TRANSPORTATION.....	11,027 11,027
140	ADMINISTRATION.....	16,749 16,749
150	SERVICEWIDE COMMUNICATIONS.....	17,825 17,825
160	PERSONNEL/FINANCIAL ADMINISTRATION .....	6,177 6,177
170	RECRUITING AND ADVERTISING.....	54,475 53,475
	TOTAL, BUDGET ACTIVITY 4.....	106,253 105,253
	RESTORE READINESS.....	--- 12,000
	OPERATIONAL SUPPORT FOR INCREASE IN ARMY RESERVE END STRENGTH.....	--- 22,000
	TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE.....	2,712,331 2,743,688

33A

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
[In thousands of dollars]

<b>O-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>121 FORCES READINESS OPERATIONS SUPPORT</b>	<b>347,459</b>	<b>344,659</b>
Unjustified program growth		-3,000
Program increase - language capabilities		200
<b>131 BASE OPERATIONS SUPPORT</b>	<b>573,843</b>	<b>566,043</b>
Program decrease not properly accounted		-7,800
<b>132 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>214,955</b>	<b>223,912</b>
Program increase		8,957
<b>434 RECRUITING AND ADVERTISING</b>	<b>54,475</b>	<b>53,475</b>
Unjustified program growth		-1,000
<b>RESTORE READINESS</b>		<b>12,000</b>
<b>OPERATIONAL SUPPORT FOR INCREASE IN ARMY RESERVE END STRENGTH</b>		<b>22,000</b>

OPERATION AND MAINTENANCE, NAVY RESERVE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 34A-8

~~(INSERT PROJECT LEVEL TABLE)~~ e

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
OPERATION AND MAINTENANCE, NAVY RESERVE		
BUDGET ACTIVITY 1: OPERATING FORCES		
10	RESERVE AIR OPERATIONS MISSION AND OTHER FLIGHT OPERATIONS.....	526,190 523,690
20	INTERMEDIATE MAINTENANCE.....	6,714 6,714
40	AIRCRAFT DEPOT MAINTENANCE.....	86,209 86,209
50	AIRCRAFT DEPOT OPERATIONS SUPPORT.....	389 389
60	AVIATION LOGISTICS.....	10,189 10,189
70	RESERVE SHIP OPERATIONS SHIP OPERATIONAL SUPPORT AND TRAINING.....	560 560
90	RESERVE COMBAT OPERATIONS SUPPORT COMBAT COMMUNICATIONS.....	13,173 13,173
100	COMBAT SUPPORT FORCES.....	109,053 109,053
120	RESERVE WEAPONS SUPPORT ENTERPRISE INFORMATION TECHNOLOGY.....	27,226 27,226
130	BASE OPERATING SUPPORT FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	27,571 30,071
140	BASE OPERATING SUPPORT.....	99,166 99,166
	TOTAL, BUDGET ACTIVITY 1.....	906,440 906,440
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES		
ADMINISTRATION AND SERVICEWIDE ACTIVITIES		
150	ADMINISTRATION.....	1,351 1,351
160	MILITARY MANPOWER & PERSONNEL.....	13,251 13,251
170	SERVICEWIDE COMMUNICATIONS.....	3,445 3,445
180	ACQUISITION AND PROGRAM MANAGEMENT.....	3,169 3,169
	TOTAL, BUDGET ACTIVITY 4.....	21,216 21,216
	RESTORE READINESS.....	--- 2,000
	TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE.....	927,656 929,656

34A

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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

<b>O-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>1A1A MISSION AND OTHER FLIGHT OPERATIONS</b>	<b>526,190</b>	<b>523,690</b>
Projected underexecution		-2,500
<b>BSMR FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>27,571</b>	<b>30,071</b>
Program increase		2,500
<b>RESTORE READINESS</b>		<b>2,000</b>



OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

Insert 35A-B

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
OPERATION AND MAINTENANCE, MARINE CORPS RESERVE		
BUDGET ACTIVITY 1: OPERATING FORCES		
10		
EXPEDITIONARY FORCES		
OPERATING FORCES.....	94,154	94,154
20		
DEPOT MAINTENANCE.....	18,594	18,594
30		
FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	25,470	26,470
40		
BASE OPERATING SUPPORT.....	111,550	110,050
TOTAL, BUDGET ACTIVITY 1.....	249,768	249,268
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES		
ADMINISTRATION AND SERVICEWIDE ACTIVITIES		
50		
SERVICEWIDE TRANSPORTATION.....	902	902
60		
ADMINISTRATION.....	11,130	11,130
70		
RECRUITING AND ADVERTISING.....	8,833	8,833
TOTAL, BUDGET ACTIVITY 4.....	20,865	20,865
RESTORE READINESS.....	---	1,000
TOTAL, OPERATION & MAINTENANCE, MARINE CORPS RESERVE	270,633	271,133

35A

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
[In thousands of dollars]

<b>O-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>BSM1 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>25,470</b>	<b>26,470</b>
Program increase		1,000
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>111,550</b>	<b>110,050</b>
Unjustified program growth		-1,500
<b>RESTORE READINESS</b>		<b>1,000</b>

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OPERATION AND MAINTENANCE, AIR FORCE RESERVE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 36A-B

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
OPERATION AND MAINTENANCE, AIR FORCE RESERVE		
BUDGET ACTIVITY 1: OPERATING FORCES		
AIR OPERATIONS		
10	PRIMARY COMBAT FORCES.....	1,707,882 1,690,882
20	MISSION SUPPORT OPERATIONS.....	230,016 228,516
30	DEPOT MAINTENANCE.....	541,743 541,743
40	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	113,470 132,270
50	BASE OPERATING SUPPORT.....	384,832 384,832
	TOTAL, BUDGET ACTIVITY 1.....	2,977,943 2,978,243
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES		
ADMINISTRATION AND SERVICEWIDE ACTIVITIES		
60	ADMINISTRATION.....	54,939 54,939
70	RECRUITING AND ADVERTISING.....	14,754 14,754
80	MILITARY MANPOWER AND PERSONNEL MANAGEMENT.....	12,707 12,707
90	OTHER PERSONNEL SUPPORT.....	7,210 7,210
100	AUDIOVISUAL.....	376 376
	TOTAL, BUDGET ACTIVITY 4.....	89,986 89,986
	RESTORE READINESS.....	--- 1,000
	TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE.	3,067,929 3,069,229

36A

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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
[In thousands of dollars]

<b>O-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>011A PRIMARY COMBAT FORCES</b>	<b>1,707,882</b>	<b>1,690,882</b>
Unjustified growth		-17,000
<b>011G MISSION SUPPORT OPERATIONS</b>	<b>230,016</b>	<b>228,516</b>
Justification does not match summary of price and program changes		-1,500
<b>011R FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>113,470</b>	<b>132,270</b>
Program increase		18,800
<b>RESTORE READINESS</b>		<b>1,000</b>

36B

## OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

Insert 37A-B

~~(INSERT PROJECT LEVEL TABLE)~~

### NATIONAL GUARD STATE PARTNERSHIP PROGRAM LANGUAGE ENHANCEMENT PROGRAM

For more than twenty years, the National Guard State Partnership Program (SPP) has been successfully building unique security relationships with more than 75 nations around the globe. To build on the success of this program, the agreement recommends that the Chief of the National Guard Bureau encourage the enhancement of individual language skills and prioritize language school appointments of soldiers and airmen within the program to help further strengthen these international relationships. Additionally, servicemembers of the National Guard that participate in, and are from states with units assigned to state partnership activities should strive to attend language schools, both defense-sponsored and otherwise; obtain computer-assisted language-learning software; and use international visits through the SPP as a means of language skill immersion.

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD		
BUDGET ACTIVITY 1: OPERATING FORCES		
LAND FORCES		
10	MANEUVER UNITS.....	708,251 708,251
20	MODULAR SUPPORT BRIGADES.....	197,251 197,251
30	ECHELONS ABOVE BRIGADE.....	792,271 788,271
40	THEATER LEVEL ASSETS.....	80,341 84,341
50	LAND FORCES OPERATIONS SUPPORT.....	37,138 37,138
60	AVIATION ASSETS.....	887,625 881,125
LAND FORCES READINESS		
70	FORCE READINESS OPERATIONS SUPPORT.....	696,267 669,993
80	LAND FORCES SYSTEMS READINESS.....	61,240 56,240
90	LAND FORCES DEPOT MAINTENANCE.....	219,948 219,948
LAND FORCES READINESS SUPPORT		
100	BASE OPERATIONS SUPPORT.....	1,040,012 1,029,512
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	676,715 692,947
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS.....	1,021,144 1,011,144
TOTAL, BUDGET ACTIVITY 1.....		6,418,203 6,376,161
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES		
ADMINISTRATION AND SERVICEWIDE ACTIVITIES		
130	SERVICEWIDE TRANSPORTATION.....	6,396 6,396
140	ADMINISTRATION.....	68,528 69,678
150	SERVICEWIDE COMMUNICATIONS.....	76,524 76,524
160	MANPOWER MANAGEMENT.....	7,712 7,712
170	RECRUITING AND ADVERTISING.....	245,046 245,046
180	REAL ESTATE MANAGEMENT.....	2,961 2,961
TOTAL, BUDGET ACTIVITY 4.....		407,167 408,317
RESTORE READINESS.....		--- 20,000
OPERATIONAL SUPPORT FOR INCREASE IN ARMY NATIONAL GUARD END STRENGTH.....		--- 57,000
TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD.		6,825,370 6,861,478

37A



**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

<b>O-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>113 ECHELONS ABOVE BRIGADE</b>	<b>792,271</b>	<b>788,271</b>
Unjustified program growth		-4,000
<b>114 THEATER LEVEL ASSETS</b>	<b>80,341</b>	<b>84,341</b>
Program increase - Operation Phalanx		4,000
<b>116 AVIATION ASSETS</b>	<b>887,625</b>	<b>881,125</b>
Program increase - Operation Phalanx		5,000
Unjustified program growth		-11,500
<b>121 FORCE READINESS OPERATIONS SUPPORT</b>	<b>696,267</b>	<b>669,993</b>
Unjustified program growth		-30,000
Program increase - cyber protection teams		3,000
Program increase - language capabilities		200
Program increase - trauma training		526
<b>122 LAND FORCES SYSTEMS READINESS</b>	<b>61,240</b>	<b>56,240</b>
Program decrease not properly accounted		-5,000
<b>131 BASE OPERATIONS SUPPORT</b>	<b>1,040,012</b>	<b>1,029,512</b>
Unjustified program growth		-10,500
<b>132 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>676,715</b>	<b>692,947</b>
Program increase		16,232
<b>133 MANAGEMENT AND OPERATIONAL HEADQUARTERS</b>	<b>1,021,144</b>	<b>1,011,144</b>
Unjustified program growth		-10,000
<b>431 ADMINISTRATION</b>	<b>68,528</b>	<b>69,678</b>
Program increase - State Partnership Program		1,150
<b>RESTORE READINESS</b>		<b>20,000</b>
<b>OPERATIONAL SUPPORT FOR INCREASE IN ARMY NATIONAL GUARD END STRENGTH</b>		<b>57,000</b>

37B

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 38A-B

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD		
BUDGET ACTIVITY 1: OPERATING FORCES		
AIR OPERATIONS		
10	AIRCRAFT OPERATIONS.....	3,282,238 3,193,238
20	MISSION SUPPORT OPERATIONS.....	723,062 713,579
30	DEPOT MAINTENANCE.....	1,824,329 1,816,329
40	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	245,840 255,840
50	BASE OPERATING SUPPORT.....	575,548 566,548
	TOTAL, BUDGET ACTIVITY 1.....	6,651,017 6,545,534
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES		
SERVICEWIDE ACTIVITIES		
60	ADMINISTRATION.....	23,715 23,715
70	RECRUITING AND ADVERTISING.....	28,846 28,846
	TOTAL, BUDGET ACTIVITY 4.....	52,561 52,561
	RESTORE READINESS.....	--- 17,000
	TOTAL, OPERATION & MAINTENANCE, AIR NATIONAL GUARD..	6,703,578 6,615,095

38A

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

<b>O-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>011F AIRCRAFT OPERATIONS</b>	<b>3,282,238</b>	<b>3,193,238</b>
Unjustified growth		-74,000
MIP program decrease not properly accounted		-15,000
<b>011G MISSION SUPPORT OPERATIONS</b>	<b>723,062</b>	<b>713,579</b>
Program increase - State Partnership Program		1,150
Maintain program affordability - unjustified growth		-12,000
Program increase - trauma training		1,367
<b>011M DEPOT MAINTENANCE</b>	<b>1,824,329</b>	<b>1,816,329</b>
MIP program unjustified growth		-8,000
<b>011R FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>245,840</b>	<b>255,840</b>
Program increase		10,000
<b>011Z BASE OPERATING SUPPORT</b>	<b>575,548</b>	<b>566,548</b>
Unjustified growth		-9,000
<b>RESTORE READINESS</b>		<b>17,000</b>

(38B)

## UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES

The agreement provides \$14,194,000 for the United States Court of Appeals for the Armed Forces.

## ENVIRONMENTAL RESTORATION, ARMY

The agreement provides \$170,167,000 for Environmental Restoration, Army.

## ENVIRONMENTAL RESTORATION, NAVY

The agreement provides \$289,262,000, an increase of \$7,500,000 above the budget request, for Environmental Restoration, Navy.

## ENVIRONMENTAL RESTORATION, AIR FORCE

The agreement provides \$371,521,000 for Environmental Restoration, Air Force.

## ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

The agreement provides \$9,009,000 for Environmental Restoration, Defense-Wide.

## ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES

The agreement provides \$222,084,000, an increase of \$25,000,000 above the budget request, for Environmental Restoration, Formerly Used Defense Sites.

## OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

The agreement provides \$123,125,000, an increase of \$18,000,000 above the budget request, for Overseas Humanitarian, Disaster, and Civic Aid. Specifically, \$3,000,000 is a general increase and \$15,000,000 is for South China Sea Regional Engagement.

## COOPERATIVE THREAT REDUCTION ACCOUNT

The agreement provides \$325,604,000 for the Cooperative Threat Reduction Account, as follows:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
Strategic Offensive Arms Elimination	11,791	11,791
Chemical Weapons Destruction	2,942	2,942
Biological Threat Reduction	213,984	213,984
Threat Reduction Engagement	2,000	2,000
Other Assessments/Admin Costs	27,279	27,279
Global Nuclear Security	16,899	16,899
WMD Proliferation Prevention	50,709	50,709
<b>TOTAL, COOPERATIVE THREAT REDUCTION ACCOUNT</b>	<b>325,604</b>	<b>325,604</b>

### TITLE III – PROCUREMENT

The agreement provides \$108,426,827,000 in Title III, Procurement. The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT PROCUREMENT SUMMARY TABLE)~~ Insert 41A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
SUMMARY		
ARMY		
AIRCRAFT.....	3,614,787	4,587,598
MISSILES.....	1,519,966	1,533,804
WEAPONS AND TRACKED COMBAT VEHICLES.....	2,265,177	2,229,455
AMMUNITION.....	1,513,157	1,483,566
OTHER.....	5,873,949	6,147,328
TOTAL, ARMY.....	14,787,036	15,981,751
NAVY		
AIRCRAFT.....	14,109,148	16,135,335
WEAPONS.....	3,209,262	3,265,285
AMMUNITION.....	664,368	633,678
SHIPS.....	18,354,874	21,156,886
OTHER.....	6,338,861	6,308,919
MARINE CORPS.....	1,362,769	1,307,456
TOTAL, NAVY.....	44,039,282	48,807,559
AIR FORCE		
AIRCRAFT.....	13,922,917	14,253,623
MISSILES.....	2,426,621	2,348,121
SPACE.....	3,055,743	2,733,243
AMMUNITION.....	1,677,719	1,589,219
OTHER.....	17,438,056	17,768,224
TOTAL, AIR FORCE.....	38,521,056	38,692,430
DEFENSE-WIDE		
DEFENSE-WIDE.....	4,524,918	4,881,022
DEFENSE PRODUCTION ACT PURCHASES.....	44,065	64,065
	=====	=====
TOTAL PROCUREMENT.....	101,916,357	108,426,827
	=====	=====

41A



## REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Secretary of Defense is directed 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 Under Secretary of Defense (Comptroller) is directed 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 statement.

## 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 the explanatory statement 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 explanatory statement.

### JOINT STRIKE FIGHTER BUDGET JUSTIFICATIONS AND CONTRACTING

Throughout the fiscal year 2017 budget review process, the Joint Strike Fighter (JSF) Joint Program Office provided insufficient justification and incomplete information in an untimely manner. It is imperative that requested information is received promptly for proper congressional oversight of this major defense acquisition program.

It is understood that the Secretary of Defense is reviewing potential alternative management structures for the JSF program as directed by the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). This review will provide an opportunity to improve communication between the JSF Program Executive Officer (PEO), the Services, and the congressional defense committees to ensure the program’s funding requirements are fully understood, communicated, and justified.

Additionally, there is concern that the number of F-35s enacted in annual Department of Defense Appropriations Acts are not being placed on contract by the JSF PEO in a timely manner. Four F-35s included in the Department of Defense Appropriations Act, 2015 and 13 F-35s included in the Department of Defense Appropriations Act, 2016 were not part of their respective low rate initial production (LRIP) contracts due to the PEO’s contracting strategy. Specifically, only four F-35Cs

were included on LRIPs 9 and 10, rather than the ten F-35Cs enacted in the Department of Defense Appropriations Acts, 2015 and 2016, impeding production efficiencies. The agreement directs the JSF PEO to use a contracting approach that would award all aircraft included in each Department of Defense Appropriations Act on the respective production contract for that fiscal year. The agreement includes funding for 74 F-35 aircraft. The JSF PEO is directed to brief the congressional defense committees not later than 45 days after the enactment of this Act on the contracting strategy for these aircraft.

AIRCRAFT PROCUREMENT, ARMY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ Insert 45A-C

~~(INSERT PROJECT LEVEL TABLE)~~

UH-72 LAKOTA LIGHT UTILITY HELICOPTER

The agreement provides \$187,000,000 to procure 28 UH-72 Lakota Light Utility Helicopters for the Army in support of ongoing mission requirements at the Army Aviation Center of Excellence at Fort Rucker, the Combat Training Centers, and the Army Test and Evaluation Center. The agreement notes that this investment is consistent with previous appropriations and was included in the Army's unfunded priority list. The Secretary of the Army is encouraged to request funding for UH-72 Lakota Light Utility Helicopters to address ongoing mission requirements in future budget submissions.

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
AIRCRAFT PROCUREMENT, ARMY		
AIRCRAFT		
FIXED WING		
1	UTILITY F/W CARGO AIRCRAFT.....	57,529 41,342
3	MQ-1 UAV.....	55,388 250,388
ROTARY		
5	UH-72 LAKOTA LIGHT UTILITY HELICOPTER.....	--- 187,000
6	AH-64 APACHE BLOCK IIIA REMAN.....	803,084 774,072
6A	AH-64 APACHE BLOCK IIIA NEW BUILD.....	--- 190,100
7	AH-64 APACHE BLOCK IIIA REMAN (AP-CY).....	185,160 185,160
7A	AH-64 APACHE BLOCK IIIA NEW BUILD (AP-CY).....	--- 71,800
8	UH-60 BLACKHAWK (MYP).....	755,146 1,085,046
9	UH-60 BLACKHAWK (MYP) (AP-CY).....	174,107 174,107
10	UH-60 BLACKHAWK A AND L MODELS.....	46,173 46,173
11	CH-47 HELICOPTER.....	556,257 553,257
12	CH-47 HELICOPTER (AP-CY).....	8,707 8,707
-----		
	TOTAL, AIRCRAFT.....	2,641,551 3,567,152
MODIFICATION OF AIRCRAFT		
13	MQ-1 PAYLOAD - UAS.....	43,735 63,735
15	MULTI SENSOR ABN RECON (MIP).....	94,527 94,527
16	AH-64 MODS.....	137,883 137,883
17	CH-47 CARGO HELICOPTER MODS.....	102,943 102,943
18	GRCS SEMA MODS (MIP).....	4,055 4,055
19	ARL SEMA MODS (MIP).....	6,793 6,793

45A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
20 EMARSS SEMA MODS (MIP).....	13,197	12,197
21 UTILITY/CARGO AIRPLANE MODS.....	17,526	17,526
22 UTILITY HELICOPTER MODS.....	10,807	10,807
23 NETWORK AND MISSION PLAN.....	74,752	74,752
24 COMMS, NAV SURVEILLANCE.....	69,960	76,960
25 GATM ROLLUP.....	45,302	45,302
26 RQ-7 UAV MODS.....	71,169	71,169
27 UAS MODS.....	21,804	21,804
TOTAL, MODIFICATION OF AIRCRAFT.....	714,453	740,453
SUPPORT EQUIPMENT AND FACILITIES GROUND SUPPORT AVIONICS		
28 AIRCRAFT SURVIVABILITY EQUIPMENT.....	67,377	89,377
29 SURVIVABILITY CH.....	9,565	9,565
30 CMWS.....	41,626	41,626
OTHER SUPPORT		
32 AVIONICS SUPPORT EQUIPMENT.....	7,007	6,217
33 COMMON GROUND EQUIPMENT.....	48,234	48,234
34 AIRCREW INTEGRATED SYSTEMS.....	30,297	30,297
35 AIR TRAFFIC CONTROL.....	50,405	50,405
36 INDUSTRIAL FACILITIES.....	1,217	1,217
37 LAUNCHER, 2.75 ROCKET.....	3,055	3,055
TOTAL, SUPPORT EQUIPMENT AND FACILITIES.....	258,783	279,893
TOTAL, AIRCRAFT PROCUREMENT, ARMY.....	3,614,787	4,587,598

45B

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

P-1	Budget Request	Final Bill
<b>1 UTILITY F/W CARGO AIRCRAFT</b>	<b>57,529</b>	<b>41,342</b>
Excess program management		-3,587
Unit cost growth		-12,600
<b>3 MQ-1 UAV</b>	<b>55,388</b>	<b>250,388</b>
Program increase - 12 aircraft		195,000
<b>5 UH-72 LAKOTA LIGHT UTILITY HELICOPTER</b>	<b>0</b>	<b>187,000</b>
Program increase - 28 aircraft		187,000
<b>6 AH-64 APACHE BLOCK IIIA REMAN</b>	<b>803,084</b>	<b>774,072</b>
Unit cost efficiencies from multiyear procurement contract		-9,600
Excess government furnished equipment		-19,412
<b>6A AH-64 APACHE BLOCK IIIA NEW BUILD</b>	<b>0</b>	<b>190,100</b>
Program increase - five aircraft		190,100
<b>7A AH-64 APACHE BLOCK IIIA NEW BUILD (AP-CY)</b>	<b>0</b>	<b>71,800</b>
Program increase		71,800
<b>8 UH-60 BLACKHAWK (MYP)</b>	<b>755,146</b>	<b>1,085,046</b>
Program increase - 15 for Army National Guard and ten for active Army		339,900
Excess tooling		-10,000
<b>11 CH-47 HELICOPTER</b>	<b>556,257</b>	<b>553,257</b>
Excess program management cost growth		-1,500
Excess support cost growth		-1,500
<b>13 MQ-1 PAYLOAD - UAS</b>	<b>43,735</b>	<b>63,735</b>
Program increase - CSP HD upgrade		20,000
<b>20 EMARSS SEMA MODS (MIP)</b>	<b>13,197</b>	<b>12,197</b>
Excess program management		-1,000
<b>24 COMMS, NAV SURVEILLANCE</b>	<b>69,960</b>	<b>76,960</b>
Program increase - assured PNT		7,000
<b>28 AIRCRAFT SURVIVABILITY EQUIPMENT</b>	<b>67,377</b>	<b>89,377</b>
Program increase - modernized radar warning system		22,000
<b>32 AVIONICS SUPPORT EQUIPMENT</b>	<b>7,007</b>	<b>6,217</b>
ANVIS unit cost growth		-790

450

MISSILE PROCUREMENT, ARMY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 46A-C

~~(INSERT PROJECT LEVEL TABLE)~~



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
MISSILE PROCUREMENT, ARMY		
OTHER MISSILES		
SURFACE-TO-AIR MISSILE SYSTEM		
1	LOWER TIER AIR AND MISSILE DEFENSE (AMD).....	126,470 126,470
2	MSE MISSILE.....	423,201 423,201
3	INDIRECT FIRE PROTECTION CAPABILITY.....	19,319 19,319
AIR-TO-SURFACE MISSILE SYSTEM		
4	HELLFIRE SYS SUMMARY.....	42,013 42,013
5	JOINT AIR-TO-GROUND MSLS (JAGM) .....	64,751 61,911
6	JOINT AIR-TO-GROUND MSLS (JAGM) (AP-CY).....	37,100 37,100
ANTI-TANK/ASSAULT MISSILE SYSTEM		
7	JAVELIN (AAWS-M) SYSTEM SUMMARY.....	73,508 102,808
8	TOW 2 SYSTEM SUMMARY.....	64,922 64,922
9	TOW 2 SYSTEM SUMMARY (AP-CY).....	19,949 10,716
10	GUIDED MLRS ROCKET (GMLRS).....	172,088 172,088
11	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR).....	18,004 18,004
	TOTAL, OTHER MISSILES.....	1,061,325 1,078,552
-----		
MODIFICATION OF MISSILES		
MODIFICATIONS		
13	PATRIOT MODS.....	197,107 197,107
14	ATACHS MODS.....	150,043 150,043
15	GMLRS MOD.....	395 395
17	AVENGER MODS.....	33,606 33,606
18	ITAS/TOW MODS.....	383 383
19	MLRS MODS.....	34,704 31,315
20	HIMARS MODIFICATIONS.....	1,847 1,847
	TOTAL, MODIFICATION OF MISSILES.....	418,085 414,696

46A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
SPARES AND REPAIR PARTS		
21 SPARES AND REPAIR PARTS.....	34,487	34,487
SUPPORT EQUIPMENT AND FACILITIES		
22 AIR DEFENSE TARGETS.....	4,915	4,915
24 PRODUCTION BASE SUPPORT.....	1,154	1,154
-----		
TOTAL, SUPPORT EQUIPMENT AND FACILITIES.....	6,069	6,069
-----		
TOTAL, MISSILE PROCUREMENT, ARMY.....	1,519,966	1,533,804
=====		

46B

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

<b>P-1</b>		<b>Budget Request</b>	<b>Final Bill</b>
<b>5</b>	<b>JOINT AIR-TO-GROUND MSLS (JAGM)</b>	<b>64,751</b>	<b>61,911</b>
	Unjustified increase		-2,840
<b>7</b>	<b>JAVELIN (AAWS-M) SYSTEM SUMMARY</b>	<b>73,508</b>	<b>102,808</b>
	Engineering services cost growth		-1,700
	Program increase		31,000
<b>9</b>	<b>TOW 2 SYSTEM SUMMARY (AP-CY)</b>	<b>19,949</b>	<b>10,716</b>
	Advance procurement excess to need		-9,233
<b>19</b>	<b>MLRS MODS</b>	<b>34,704</b>	<b>31,315</b>
	Program cost growth		-3,389

460

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 47A-C

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES (W&TCV), ARMY		
1		
TRACKED COMBAT VEHICLES		
STRYKER VEHICLE.....	71,680	71,680
2		
MODIFICATION OF TRACKED COMBAT VEHICLES		
STRYKER (MOD).....	74,348	74,348
3		
STRYKER UPGRADE.....	444,561	418,561
5		
BRADLEY PROGRAM (MOD).....	276,433	265,333
7		
HOWITZER, MED SP FT 155MM M109A6 (MOD).....	63,138	63,138
8		
PALADIN PIPM MOD IN SERVICE.....	469,305	461,505
9		
IMPROVED RECOVERY VEHICLE (M88A2 HERCULES).....	91,963	91,963
10		
ASSAULT BRIDGE (MOD).....	3,465	3,465
11		
ARMORED BREACHER VEHICLE.....	2,928	2,928
12		
M88 FOV MODS.....	8,685	8,685
13		
JOINT ASSAULT BRIDGE.....	64,752	64,752
14		
M1 ABRAMS TANK (MOD).....	480,166	492,044
SUPPORT EQUIPMENT AND FACILITIES		
-----		
TOTAL, TRACKED COMBAT VEHICLES.....	2,051,424	2,018,402
WEAPONS AND OTHER COMBAT VEHICLES		
17		
INTEGRATED AIR BURST WEAPON SYSTEM FAMILY.....	9,764	7,064
18		
MORTAR SYSTEMS.....	8,332	8,332
19		
XM320 GRENADE LAUNCHER MODULE (GLM).....	3,062	3,062
20		
COMPACT SEMI-AUTOMATIC SNIPER SYSTEM.....	992	---
21		
CARBINE.....	40,493	40,493
22		
COMMON REMOTELY OPERATED WEAPONS STATION.....	25,164	25,164
23		
MODULAR HANDGUN SYSTEM.....	---	2,000

47A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
MOD OF WEAPONS AND OTHER COMBAT VEH		
24 MK-19 GRENADE MACHINE GUN MODS.....	4,959	4,959
25 M777 MODS.....	11,913	11,913
26 M4 CARBINE MODS.....	29,752	27,752
27 M2 50 CAL MACHINE GUN MODS.....	48,582	48,582
28 M249 SAW MACHINE GUN MODS.....	1,179	1,179
29 M240 MEDIUM MACHINE GUN MODS.....	1,784	1,784
30 SNIPER RIFLES MODIFICATIONS.....	971	1,963
31 M119 MODIFICATIONS.....	6,045	6,045
32 MORTAR MODIFICATION.....	12,118	12,118
33 MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV).....	3,157	3,157
SUPPORT EQUIPMENT AND FACILITIES		
34 ITEMS LESS THAN \$5.0M (WOCV-WTCV).....	2,331	2,331
37 SMALL ARMS EQUIPMENT (SOLDIER ENH PROG).....	3,155	3,155
TOTAL, WEAPONS AND OTHER COMBAT VEHICLES.....	213,753	211,053
TOTAL, PROCUREMENT OF W&TCV, ARMY.....	2,265,177	2,229,455
	=====	=====

47B

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

<b>P-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>3 STRYKER UPGRADE</b>	<b>444,561</b>	<b>418,561</b>
Unjustified growth		-26,000
<b>5 BRADLEY PROGRAM (MOD)</b>	<b>276,433</b>	<b>265,333</b>
Contractor support unjustified growth		-8,000
Excess to need - negotiated contract savings		-3,100
<b>8 PALADIN PIM MOD IN SERVICE</b>	<b>469,305</b>	<b>461,505</b>
Estimated contract savings		-7,800
<b>14 M1 ABRAMS TANK (MOD)</b>	<b>480,166</b>	<b>492,044</b>
Excess program engineering support		-4,400
Industrial support		16,278
<b>17 INTEGRATED AIR BURST WEAPON SYSTEM FAMILY</b>	<b>9,764</b>	<b>7,064</b>
Program delay		-2,700
<b>20 COMPACT SEMI-AUTOMATIC SNIPER SYSTEM</b>	<b>992</b>	<b>0</b>
Army requested transfer to line 30		-992
<b>23 MODULAR HANDGUN SYSTEM</b>	<b>0</b>	<b>2,000</b>
Army requested transfer from line 26		2,000
<b>26 M4 CARBINE MODS</b>	<b>29,752</b>	<b>27,752</b>
Army requested transfer to line 23		-2,000
<b>30 SNIPER RIFLES MODIFICATIONS</b>	<b>971</b>	<b>1,963</b>
Army requested transfer from line 20		992

47C

PROCUREMENT OF AMMUNITION, ARMY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 48A-C

~~(INSERT PROJECT LEVEL TABLE)~~ 0



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
PROCUREMENT OF AMMUNITION, ARMY		
AMMUNITION		
SMALL/MEDIUM CAL AMMUNITION		
1	CTG, 5.56MM, ALL TYPES.....	40,296 40,296
2	CTG, 7.62MM, ALL TYPES.....	39,237 39,237
3	CTG, HANDGUN, ALL TYPES.....	5,193 5,193
4	CTG, .50 CAL, ALL TYPES.....	46,693 46,693
5	CTG, 20MM, ALL TYPES.....	7,000 7,000
6	CTG, 25MM, ALL TYPES.....	7,753 7,753
7	CTG, 30MM, ALL TYPES.....	47,000 47,000
8	CTG, 40MM, ALL TYPES.....	118,178 111,824
MORTAR AMMUNITION		
9	60MM MORTAR, ALL TYPES.....	69,784 69,784
10	81MM MORTAR, ALL TYPES.....	36,125 36,125
11	120MM MORTAR, ALL TYPES.....	69,133 69,133
TANK AMMUNITION		
12	CTG TANK 105MM AND 120MM: ALL TYPES.....	120,668 117,853
ARTILLERY AMMUNITION		
13	CTG, ARTY, 75MM AND 105MM: ALL TYPES.....	64,800 61,300
14	ARTILLERY PROJECTILE, 155MM, ALL TYPES.....	109,515 94,515
15	PROJ 155MM EXTENDED RANGE XM982.....	39,200 36,025
16	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES...	70,881 66,881
ROCKETS		
19	SHOULDER LAUNCHED MUNITIONS, ALL TYPES.....	38,000 33,000
20	ROCKET, HYDRA 70, ALL TYPES.....	87,213 87,213

48A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
OTHER AMMUNITION		
21 CAD/PAD ALL TYPES.....	4,914	4,914
22 DEMOLITION MUNITIONS, ALL TYPES.....	6,380	6,380
23 GRENADES, ALL TYPES.....	22,760	22,760
24 SIGNALS, ALL TYPES.....	10,666	6,166
25 SIMULATORS, ALL TYPES.....	7,412	7,412
MISCELLANEOUS		
26 AMMO COMPONENTS, ALL TYPES.....	12,726	12,726
27 NON-LETHAL AMMUNITION, ALL TYPES.....	6,100	5,100
28 ITEMS LESS THAN \$5 MILLION.....	10,006	9,506
29 AMMUNITION PECULIAR EQUIPMENT.....	17,275	13,528
30 FIRST DESTINATION TRANSPORTATION (AMMO).....	14,951	14,951
TOTAL, AMMUNITION.....	1,129,859	1,080,268
-----		
AMMUNITION PRODUCTION BASE SUPPORT		
32 PRODUCTION BASE SUPPORT PROVISION OF INDUSTRIAL FACILITIES.....	222,269	242,269
33 CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL.....	157,383	157,383
34 ARMS INITIATIVE.....	3,646	3,646
TOTAL, AMMUNITION PRODUCTION BASE SUPPORT.....	383,298	403,298
-----		
TOTAL, PROCUREMENT OF AMMUNITION, ARMY.....	1,513,157	1,483,566
=====		

488

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

<b>P-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>8 CTG, 40MM, ALL TYPES</b> Program delays	<b>118,178</b>	<b>111,824</b> -6,354
<b>12 CTG TANK 105MM AND 120MM: ALL TYPES</b> Excess to requirement	<b>120,668</b>	<b>117,853</b> -2,815
<b>13 CTG, ARTY, 75MM AND 105MM: ALL TYPES</b> Change to acquisition strategy for 75mm blank	<b>64,800</b>	<b>61,300</b> -3,500
<b>14 ARTILLERY PROJECTILE, 155MM, ALL TYPES</b> Unjustified growth	<b>109,515</b>	<b>94,515</b> -15,000
<b>15 PROJ 155MM EXTENDED RANGE XM982</b> Eliminate program growth	<b>39,200</b>	<b>36,025</b> -3,175
<b>16 ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES</b> Maintain level of effort for PGK	<b>70,881</b>	<b>66,881</b> -4,000
<b>19 SHOULDER LAUNCHED MUNITIONS, ALL TYPES</b> Change to acquisition strategy	<b>38,000</b>	<b>33,000</b> -5,000
<b>24 SIGNALS, ALL TYPES</b> Excess to requirement	<b>10,666</b>	<b>6,166</b> -4,500
<b>27 NON-LETHAL AMMUNITION, ALL TYPES</b> Unobligated balances	<b>6,100</b>	<b>5,100</b> -1,000
<b>28 ITEMS LESS THAN \$5 MILLION</b> Unobligated balances	<b>10,006</b>	<b>9,506</b> -500
<b>29 AMMUNITION PECULIAR EQUIPMENT</b> Excess to requirement	<b>17,275</b>	<b>13,528</b> -3,747
<b>32 PROVISION OF INDUSTRIAL FACILITIES</b> Program increase	<b>222,269</b>	<b>242,269</b> 20,000

480

OTHER PROCUREMENT, ARMY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 49A-I

~~(INSERT PROJECT LEVEL TABLE)~~ e

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
OTHER PROCUREMENT, ARMY		
TACTICAL AND SUPPORT VEHICLES		
TACTICAL VEHICLES		
1	TACTICAL TRAILERS/DOLLY SETS.....	3,733 2,578
2	SEMITRAILERS, FLATBED:.....	3,716 3,716
3	HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV)...	--- 50,000
4	GROUND MOBILITY VEHICLES (GMV).....	4,907 4,907
5	ARNG HMMWV MODERNIZATION PROGRAM.....	--- 160,000
6	JOINT LIGHT TACTICAL VEHICLE.....	587,514 587,514
7	TRUCK, DUMP, 20t (CCE).....	3,927 3,927
8	FAMILY OF MEDIUM TACTICAL VEH (FMTV).....	53,293 53,293
9	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN.....	7,460 7,460
10	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV).....	39,564 33,594
11	PLS ESP.....	11,856 11,856
13	TACTICAL WHEELED VEHICLE PROTECTION KITS.....	49,751 45,251
14	MODIFICATION OF IN SVC EQUIP.....	64,000 64,000
15	MINE-RESISTANT AMBUSH-PROTECTED MODS.....	10,611 10,611
NON-TACTICAL VEHICLES		
16	HEAVY ARMORED SEDAN.....	394 394
18	NONTACTICAL VEHICLES, OTHER.....	1,755 1,755
-----		
	TOTAL, TACTICAL AND SUPPORT VEHICLES.....	842,481 1,040,856
COMMUNICATIONS AND ELECTRONICS EQUIPMENT		
COMM - JOINT COMMUNICATIONS		
19	WIN-T - GROUND FORCES TACTICAL NETWORK.....	427,598 541,598
20	SIGNAL MODERNIZATION PROGRAM.....	58,250 58,250
21	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY.....	5,749 5,749
22	JCSE EQUIPMENT (USREDCOM).....	5,068 5,068
COMM - SATELLITE COMMUNICATIONS		
23	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS.....	143,805 143,805
24	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS.....	36,580 36,580
25	SHF TERM.....	1,985 1,985
27	SMART-T (SPACE).....	9,165 9,165

49A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
31 COMM - C3 SYSTEM ARMY GLOBAL CMD & CONTROL SYS (AGCCS).....	2,530	2,530
33 COMM - COMBAT COMMUNICATIONS HANDHELD MANPACK SMALL FORM FIT (HMS).....	273,645	273,645
34 MID-TIER NETWORKING VEHICULAR RADIO (MNVR).....	25,017	25,017
35 RADIO TERMINAL SET, MIDS LVT(2).....	12,326	12,326
37 TRACTOR DESK.....	2,034	2,034
38 TRACTOR RIDE.....	2,334	2,334
39 SPIDER APLA REMOTE CONTROL UNIT.....	1,985	1,428
40 SPIDER FAMILY OF NETWORKED MUNITIONS INCREASE.....	10,796	8,796
42 TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM.....	3,607	3,607
43 UNIFIED COMMAND SUITE.....	14,295	14,295
45 FAMILY OF MED COMM FOR COMBAT CASUALTY CARE.....	19,893	19,893
47 COMM - INTELLIGENCE COMM CI AUTOMATION ARCHITECTURE (MIP).....	1,388	1,388
48 ARMY CA/MISO GPF EQUIPMENT.....	5,494	5,494
49 FAMILY OF BIOMETRICS.....	2,978	2,978
51 INFORMATION SECURITY COMMUNICATIONS SECURITY (COMSEC).....	131,356	131,356
52 DEFENSIVE CYBER OPERATIONS.....	15,132	19,132
53 COMM - LONG HAUL COMMUNICATIONS BASE SUPPORT COMMUNICATIONS.....	27,452	32,852
54 COMM - BASE COMMUNICATIONS INFORMATION SYSTEMS.....	122,055	114,555
55 EMERGENCY MANAGEMENT MODERNIZATION PROGRAM.....	4,286	4,286
56 INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM.....	131,794	126,794

49B

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
ELECT EQUIP		
ELECT EQUIP - TACT INT REL ACT (TIARA)		
59 JTT/CIBS-M (MIP).....	5,337	5,337
62 DCGS-A (MIP).....	242,514	230,214
63 JOINT TACTICAL GROUND STATION (JTAGS).....	4,417	4,417
64 TROJAN (MIP).....	17,455	17,455
65 MOD OF IN-SVC EQUIP (INTEL SPT) (MIP).....	44,965	44,965
66 CI HUMINT AUTO REPRTING AND COLL(CHARCS)(MIP).....	7,658	7,658
67 CLOSE ACCESS TARGET RECONNAISSANCE (CATR).....	7,970	7,970
68 MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM.....	545	545
ELECT EQUIP - ELECTRONIC WARFARE (EW)		
70 LIGHTWEIGHT COUNTER MORTAR RADAR.....	74,038	68,453
71 EW PLANNING AND MANAGEMENT TOOLS.....	3,235	3,235
72 AIR VIGILANCE (AV).....	733	733
74 FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIES.....	1,740	1,740
75 COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES.....	455	455
76 CI MODERNIZATION (MIP).....	176	176
ELECT EQUIP - TACTICAL SURV. (TAC SURV)		
77 SENTINEL MODS.....	40,171	40,171
78 NIGHT VISION DEVICES.....	163,029	151,029
79 SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF.....	15,885	15,885
80 INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS.....	48,427	58,427
81 FAMILY OF WEAPON SIGHTS (FWS).....	55,536	49,536
82 ARTILLERY ACCURACY EQUIP.....	4,187	4,187
85 JOINT BATTLE COMMAND - PLATFORM (JBC-P).....	137,501	137,501
86 JOINT EFFECTS TARGETING SYSTEM (JETS).....	50,726	48,375
87 MOD OF IN-SERVICE EQUIPMENT (LLDR).....	28,058	28,058
88 COMPUTER BALLISTICS: LHMBC XM32.....	5,924	5,924
89 MORTAR FIRE CONTROL SYSTEM.....	22,331	22,331
90 COUNTERFIRE RADARS.....	314,509	297,509

49C

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
ELECT EQUIP - TACTICAL C2 SYSTEMS		
91 FIRE SUPPORT C2 FAMILY.....	8,660	8,660
92 AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD).....	54,376	54,376
93 IAMD BATTLE COMMAND SYSTEM.....	204,969	204,969
94 LIFE CYCLE SOFTWARE SUPPORT (LCSS).....	4,718	4,718
95 NETWORK MANAGEMENT INITIALIZATION AND SERVICE.....	11,063	11,063
96 MANEUVER CONTROL SYSTEM (MCS).....	151,318	151,318
97 GLOBAL COMBAT SUPPORT SYSTEM-ARMY.....	155,660	135,809
98 INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY.....	4,214	4,214
99 RECONNAISSANCE AND SURVEYING INSTRUMENT SET.....	16,185	16,185
100 MOD OF IN-SERVICE EQUIPMENT (ENFIRE).....	1,565	1,565
ELECT EQUIP - AUTOMATION		
101 ARMY TRAINING MODERNIZATION.....	17,693	17,693
102 AUTOMATED DATA PROCESSING EQUIPMENT.....	107,960	107,960
103 GENERAL FUND ENTERPRISE BUSINESS SYSTEM.....	6,416	6,416
104 HIGH PERF COMPUTING MOD PROGRAM.....	58,614	58,614
105 CONTRACT WRITING SYSTEM.....	986	986
106 RESERVE COMPONENT AUTOMATION SYS (RCAS).....	23,828	23,828
ELECT EQUIP - AUDIO VISUAL SYS (A/V)		
107 TACTICAL DIGITAL MEDIA.....	1,191	1,191
108 ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT).....	1,995	1,995
ELECT EQUIP - SUPPORT		
109 PRODUCTION BASE SUPPORT (C-E).....	403	403
999 CLASSIFIED PROGRAMS.....	4,436	4,436
-----		
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....	3,632,369	3,675,625

49D



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
OTHER SUPPORT EQUIPMENT		
CHEMICAL DEFENSIVE EQUIPMENT		
111 PROTECTIVE SYSTEMS.....	2,966	2,966
112 FAMILY OF NON-LETHAL EQUIPMENT (FNLE).....	9,795	9,795
114 CBRN SOLDIER PROTECTION.....	17,922	17,922
BRIDGING EQUIPMENT		
115 TACTICAL BRIDGING.....	13,553	13,553
116 TACTICAL BRIDGE, FLOAT-RIBBON.....	25,244	25,244
117 BRIDGE SUPPLEMENTAL SET.....	983	---
118 COMMON BRIDGE TRANSPORTER RECAP.....	25,176	25,176
ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
119 GROUND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS).....	39,350	39,350
120 AREA MINE DETECTION SYSTEM (AMIDS).....	10,500	10,500
121 HUSKY MOUNTED DETECTION SYSTEM (HMDS).....	274	274
122 ROBOTIC COMBAT SUPPORT SYSTEM.....	2,951	2,951
123 EOD ROBOTICS SYSTEMS RECAPITALIZATION.....	1,949	1,949
124 ROBOTICS AND APPLIQUE SYSTEMS.....	5,203	5,203
125 EXPLOSIVE ORDNANCE DISPOSAL EQPMT (EOD EQPMT).....	5,570	5,570
126 REMOTE DEMOLITION SYSTEMS.....	6,238	5,238
127 ITEMS LESS THAN \$5M, COUNTERMINE EQUIPMENT.....	836	836
128 FAMILY OF BOATS AND MOTORS.....	3,171	3,171
COMBAT SERVICE SUPPORT EQUIPMENT		
129 HEATERS AND ECU'S.....	18,707	17,707
130 SOLDIER ENHANCEMENT.....	2,112	2,112
131 PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS).....	10,856	10,856
132 GROUND SOLDIER SYSTEM.....	32,419	32,419
133 MOBILE SOLDIER POWER.....	30,014	22,014
135 FIELD FEEDING EQUIPMENT.....	12,544	12,544
136 CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM.....	18,509	18,509
137 FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS.....	29,384	29,384

49E

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
PETROLEUM EQUIPMENT		
139 QUALITY SURVEILLANCE EQUIPMENT.....	4,487	3,407
140 DISTRIBUTION SYSTEMS, PETROLEUM & WATER.....	42,656	35,656
MEDICAL EQUIPMENT		
141 COMBAT SUPPORT MEDICAL.....	59,761	69,761
MAINTENANCE EQUIPMENT		
142 MOBILE MAINTENANCE EQUIPMENT SYSTEMS.....	35,694	33,694
143 ITEMS LESS THAN \$5.0M (MAINT EQ).....	2,716	2,716
CONSTRUCTION EQUIPMENT		
144 GRADER, ROAD MTZD, HVY, 6X4 (CCE).....	1,742	1,742
145 SCRAPERS, EARTHMOVING.....	26,233	26,233
147 HYDRAULIC EXCAVATOR.....	1,123	1,123
149 ALL TERRAIN CRANES.....	65,285	65,285
151 HIGH MOBILITY ENGINEER EXCAVATOR (HME) FOS.....	1,743	16,743
152 ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP.....	2,779	2,779
154 CONST EQUIP ESP.....	26,712	19,172
155 ITEMS LESS THAN \$5.0M (CONST EQUIP).....	6,649	6,649
RAIL FLOAT CONTAINERIZATION EQUIPMENT		
156 ARMY WATERCRAFT ESP.....	21,860	21,860
157 ITEMS LESS THAN \$5.0M (FLOAT/RAIL).....	1,967	1,967
GENERATORS		
158 GENERATORS AND ASSOCIATED EQUIPMENT.....	113,266	113,266
MATERIAL HANDLING EQUIPMENT		
159 TACTICAL ELECTRIC POWER RECAPITALIZATION.....	7,867	7,867
160 FAMILY OF FORKLIFTS.....	2,307	2,307

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
TRAINING EQUIPMENT		
161 COMBAT TRAINING CENTERS SUPPORT.....	75,359	75,359
162 TRAINING DEVICES, NONSYSTEM.....	253,050	253,050
163 CLOSE COMBAT TACTICAL TRAINER.....	48,271	48,271
164 AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA.....	40,000	40,000
165 GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING.....	11,543	11,543
TEST MEASURE AND DIG EQUIPMENT (TMD)		
166 CALIBRATION SETS EQUIPMENT.....	4,963	4,963
167 INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE).....	29,781	29,781
168 TEST EQUIPMENT MODERNIZATION (TEMOD).....	6,342	6,342
OTHER SUPPORT EQUIPMENT		
169 M25 STABILIZED BINOCULAR.....	3,149	3,149
170 RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT.....	18,003	20,003
171 PHYSICAL SECURITY SYSTEMS (OPA3).....	44,082	44,082
172 BASE LEVEL COM'L EQUIPMENT.....	2,168	2,168
173 MODIFICATION OF IN-SVC EQUIPMENT (OPA-3).....	67,367	74,867
174 PRODUCTION BASE SUPPORT (OTH).....	1,528	1,528
175 SPECIAL EQUIPMENT FOR USER TESTING.....	8,289	14,289
177 TRACTOR YARD.....	6,888	6,888
-----		
TOTAL, OTHER SUPPORT EQUIPMENT.....	1,371,856	1,383,753
SPARE AND REPAIR PARTS		
179 INITIAL SPARES - C&E.....	27,243	27,243
XX LOGISTICS AUTOMATION.....	---	19,851
-----		
TOTAL, OTHER PROCUREMENT, ARMY.....	5,873,949	6,147,328
=====		

496

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

P-1	Budget Request	Final Bill
<b>1 TACTICAL TRAILERS/DOLLY SETS</b>	<b>3,733</b>	<b>2,578</b>
PVT early to need		-1,155
<b>3 HI MOB MULTI-PURP WHLD VEH (HMMWV)</b>	<b>0</b>	<b>50,000</b>
Program increase - HMMWV ambulance modernization for active Army		50,000
<b>5 ARMY NATIONAL GUARD HMMWV MODERNIZATION PROGRAM</b>	<b>0</b>	<b>160,000</b>
Program increase - HMMWV for Army National Guard		100,000
Program increase - HMMWV ambulances for Army National Guard and Army Reserve		60,000
<b>10 FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)</b>	<b>39,564</b>	<b>33,594</b>
Unit cost growth		-5,970
<b>13 TACTICAL WHEELED VEHICLE PROTECTION KITS</b>	<b>49,751</b>	<b>45,251</b>
Unit cost growth		-4,500
<b>19 WIN-T - GROUND FORCES TACTICAL NETWORK</b>	<b>427,598</b>	<b>541,598</b>
Program increase		114,000
<b>39 SPIDER APLA REMOTE CONTROL UNIT</b>	<b>1,985</b>	<b>1,428</b>
Fielding cost growth		-557
<b>40 SPIDER FAMILY OF NETWORKED MUNITIONS INCREASE</b>	<b>10,796</b>	<b>8,796</b>
Engineering cost growth		-2,000
<b>52 DEFENSIVE CYBER OPERATIONS</b>	<b>15,132</b>	<b>19,132</b>
Program increase		4,000
<b>53 BASE SUPPORT COMMUNICATIONS</b>	<b>27,452</b>	<b>32,852</b>
Program increase - USAEUR land mobile radio upgrade		5,400
<b>54 INFORMATION SYSTEMS</b>	<b>122,055</b>	<b>114,555</b>
Underexecution		-7,500
<b>56 INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM</b>	<b>131,794</b>	<b>126,794</b>
Excess government management cost growth		-5,000
<b>62 DCGS-A (MIP)</b>	<b>242,514</b>	<b>230,214</b>
Technology refresh growth		-12,300
<b>70 LIGHTWEIGHT COUNTER MORTAR RADAR</b>	<b>74,038</b>	<b>68,453</b>
Unit cost growth		-5,585
<b>78 NIGHT VISION DEVICES</b>	<b>163,029</b>	<b>151,029</b>
Maintain level of effort		-12,000
<b>80 INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS</b>	<b>48,427</b>	<b>58,427</b>
Program increase - RAM warn communication enhancement		10,000
<b>81 FAMILY OF WEAPON SIGHTS (FWS)</b>	<b>55,536</b>	<b>49,536</b>
Underexecution		-6,000

49H

<b>P-1</b>		<b>Budget Request</b>	<b>Final Bill</b>
<b>86</b>	<b>JOINT EFFECTS TARGETING SYSTEM (JETS)</b> Non-recurring engineering previously funded	<b>50,726</b>	<b>48,375</b> -2,351
<b>90</b>	<b>COUNTERFIRE RADARS</b> Unit cost growth	<b>314,509</b>	<b>297,509</b> -17,000
<b>97</b>	<b>GLOBAL COMBAT SUPPORT SYSTEM-ARMY</b> Army requested transfer to Logistics Automation	<b>155,660</b>	<b>135,809</b> -19,851
<b>117</b>	<b>BRIDGE SUPPLEMENTAL SET</b> Procurement early to need	<b>983</b>	<b>0</b> -983
<b>126</b>	<b>REMOTE DEMOLITION SYSTEMS</b> Schedule slip	<b>6,238</b>	<b>5,238</b> -1,000
<b>129</b>	<b>HEATERS AND ECUS</b> Underexecution	<b>18,707</b>	<b>17,707</b> -1,000
<b>133</b>	<b>MOBILE SOLDIER POWER</b> Underexecution	<b>30,014</b>	<b>22,014</b> -8,000
<b>139</b>	<b>QUALITY SURVEILLANCE EQUIPMENT</b> Unit cost growth	<b>4,487</b>	<b>3,407</b> -1,080
<b>140</b>	<b>DISTRIBUTION SYSTEMS, PETROLEUM &amp; WATER</b> Maintain level of effort	<b>42,656</b>	<b>35,656</b> -7,000
<b>141</b>	<b>COMBAT SUPPORT MEDICAL</b> Program increase	<b>59,761</b>	<b>69,761</b> 10,000
<b>142</b>	<b>MOBILE MAINTENANCE EQUIPMENT SYSTEMS</b> Maintain level of effort	<b>35,694</b>	<b>33,694</b> -2,000
<b>151</b>	<b>HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)</b> Program increase	<b>1,743</b>	<b>16,743</b> 15,000
<b>154</b>	<b>CONST EQUIP ESP</b> Unit cost growth	<b>26,712</b>	<b>19,172</b> -7,540
<b>170</b>	<b>RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT</b> Program increase	<b>18,003</b>	<b>20,003</b> 2,000
<b>173</b>	<b>MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)</b> Program increase - laser leveling systems	<b>67,367</b>	<b>74,867</b> 7,500
<b>175</b>	<b>SPECIAL EQUIPMENT FOR USER TESTING</b> Program increase	<b>8,289</b>	<b>14,289</b> 6,000
<b>XX</b>	<b>LOGISTICS AUTOMATION</b> Army requested transfer from line 97	<b>0</b>	<b>19,851</b> 19,851

491

AIRCRAFT PROCUREMENT, NAVY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert SOA - F

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL	
-----			
AIRCRAFT PROCUREMENT, NAVY			
COMBAT AIRCRAFT			
2	F/A-18E/F (FIGHTER) HORNET (MYP).....	---	979,000
3	JOINT STRIKE FIGHTER .....	890,650	1,312,250
4	JOINT STRIKE FIGHTER (AP-CY).....	80,908	80,908
5	JSF STOVL.....	2,037,768	2,291,968
6	JSF STOVL (AP-CY).....	233,648	233,648
7	CH-53K (HEAVY LIFT) .....	348,615	332,315
8	CH-53K (HEAVY LIFT) (AP-CY).....	88,365	84,169
9	V-22 (MEDIUM LIFT).....	1,264,134	1,392,134
10	V-22 (MEDIUM LIFT) (AP-CY).....	19,674	19,674
11	UH-1Y/AH-1Z.....	759,778	805,778
12	UH-1Y/AH-1Z (AP-CY).....	57,232	49,208
14	MH-60R.....	61,177	53,177
16	P-8A POSEIDON.....	1,940,238	1,820,238
17	P-8A POSEIDON (AP-CY).....	123,140	123,140
18	E-2D ADV HAWKEYE.....	916,483	916,483
19	E-2D ADV HAWKEYE (AP-CY).....	125,042	125,042
	TOTAL, COMBAT AIRCRAFT.....	8,946,852	10,619,132
-----			
TRAINER AIRCRAFT			
20	JPATS.....	5,849	5,849
	TOTAL, TRAINER AIRCRAFT.....	5,849	5,849

50A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
OTHER AIRCRAFT		
21 KC-130J.....	128,870	118,882
22 KC-130J (AP-CY).....	24,848	24,848
23 MQ-4 TRITON.....	409,005	444,242
24 MQ-4 TRITON (AP-CY).....	55,652	55,652
25 MQ-8 UAV.....	72,435	113,635
27A C-40.....	---	207,000
-----		
TOTAL, OTHER AIRCRAFT.....	690,810	964,259
MODIFICATION OF AIRCRAFT		
29 AEA SYSTEMS.....	51,900	50,457
30 AV-8 SERIES.....	60,818	54,895
31 ADVERSARY.....	5,191	5,191
32 F-18 SERIES.....	1,023,492	988,192
34 H-53 SERIES.....	46,095	48,895
35 SH-60 SERIES.....	108,328	106,506
36 H-1 SERIES.....	46,333	69,733
37 EP-3 SERIES.....	14,681	14,681
38 P-3 SERIES.....	2,781	2,781
39 E-2 SERIES.....	32,949	30,949
40 TRAINER A/C SERIES.....	13,199	11,328
41 C-2A.....	19,066	19,066
42 C-130 SERIES.....	61,788	53,788
43 FEWSG.....	618	618
44 CARGO/TRANSPORT A/C SERIES.....	9,822	9,822
45 E-6 SERIES.....	222,077	208,544
46 EXECUTIVE HELICOPTERS SERIES.....	66,835	63,754

50B



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
47 SPECIAL PROJECT AIRCRAFT.....	16,497	16,497
48 T-45 SERIES.....	114,887	105,267
49 POWER PLANT CHANGES.....	16,893	14,893
50 JPATS SERIES.....	17,401	13,414
51 COMMON ECM EQUIPMENT.....	143,773	140,773
52 COMMON AVIONICS CHANGES.....	164,839	159,839
53 COMMON DEFENSIVE WEAPON SYSTEM.....	4,403	4,403
54 ID SYSTEMS.....	45,768	42,270
55 P-8 SERIES.....	18,836	18,036
56 MAGTF EW FOR AVIATION.....	5,676	4,244
57 MQ-8 SERIES.....	19,003	19,003
58 RQ-7 SERIES.....	3,534	1,534
59 V-22 (TILT/ROTOR ACFT) OSPREY.....	141,545	141,545
60 F-35 STOVL SERIES.....	34,928	31,436
61 F-35 CV SERIES.....	26,004	21,833
62 QUICK REACTION CAPABILITY (QRC).....	5,476	5,476
TOTAL, MODIFICATION OF AIRCRAFT.....	2,565,436	2,479,663
AIRCRAFT SPARES AND REPAIR PARTS		
63 SPARES AND REPAIR PARTS.....	1,407,626	1,602,551
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES		
64 COMMON GROUND EQUIPMENT.....	390,103	365,282
65 AIRCRAFT INDUSTRIAL FACILITIES.....	23,194	23,194
66 WAR CONSUMABLES.....	40,613	36,740
67 OTHER PRODUCTION CHARGES.....	860	860
68 SPECIAL SUPPORT EQUIPMENT.....	36,282	36,282
69 FIRST DESTINATION TRANSPORTATION.....	1,523	1,523
TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES.....	492,575	463,881
TOTAL, AIRCRAFT PROCUREMENT, NAVY.....	14,109,148	16,135,335

500

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

<b>P-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>2 F/A-18E/F (FIGHTER) HORNET (MYP)</b>	<b>0</b>	<b>979,000</b>
Program increase - 12 additional aircraft		979,000
<b>3 JOINT STRIKE FIGHTER</b>	<b>890,650</b>	<b>1,312,250</b>
Program increase - two additional aircraft for the Navy and two additional aircraft for the Marine Corps		500,000
Unit cost growth		-78,400
<b>5 JSF STOVL</b>	<b>2,037,768</b>	<b>2,291,968</b>
Program increase - two additional aircraft		254,200
<b>7 CH-53K (HEAVY LIFT)</b>	<b>348,615</b>	<b>332,315</b>
Recurring costs excess to need		-6,300
Support equipment early to need		-10,000
<b>8 CH-53K (HEAVY LIFT) (AP-CY)</b>	<b>88,365</b>	<b>84,169</b>
Excess to need		-4,196
<b>9 V-22 (MEDIUM LIFT)</b>	<b>1,264,134</b>	<b>1,392,134</b>
Program adjustment		-5,000
Support cost growth		-15,000
Program increase - two additional aircraft		148,000
<b>11 UH-1Y/AH-1Z</b>	<b>759,778</b>	<b>805,778</b>
Unit cost growth		-12,000
Excess program growth		-6,000
Program increase - two additional aircraft		64,000
<b>12 UH-1Y/AH-1Z (AP-CY)</b>	<b>57,232</b>	<b>49,208</b>
Funding carryover from reduction in aircraft		-8,024
<b>14 MH-60R</b>	<b>61,177</b>	<b>53,177</b>
Field activity funding early to need		-8,000
<b>16 P-8A POSEIDON</b>	<b>1,940,238</b>	<b>1,820,238</b>
Unit cost growth		-77,000
Excess program growth		-43,000
<b>21 KC-130J</b>	<b>128,870</b>	<b>118,882</b>
Contract savings carryover		-9,988
<b>23 MQ-4 TRITON</b>	<b>409,005</b>	<b>444,242</b>
Unit cost savings		-12,880
Unit cost growth		-32,750
Production engineering support excess growth		-14,133
Program increase - one additional system		95,000
<b>25 MQ-8 UAV</b>	<b>72,435</b>	<b>113,635</b>
Unit cost savings		-6,400
Program increase - four additional aircraft		47,600
<b>27A C-40</b>	<b>0</b>	<b>207,000</b>
Two additional aircraft for the Navy Reserve		207,000

50D

P-1	Budget Request	Final Bill
<b>29 AEA SYSTEMS</b>	<b>51,900</b>	<b>50,457</b>
Other support growth (OSIP 007-11)		-1,033
Hardback cost growth (OSIP 007-11)		-410
<b>30 AV-8 SERIES</b>	<b>60,818</b>	<b>54,895</b>
Installation kit cost growth (OSIP 006-06)		-1,500
Excess installation (OSIP 006-06)		-4,423
<b>32 F-18 SERIES</b>	<b>1,023,492</b>	<b>988,192</b>
Program adjustment		-40,300
Program increase - electronic warfare upgrades		5,000
<b>34 H-53 SERIES</b>	<b>46,095</b>	<b>48,895</b>
Program increase - CH-53 readiness		2,800
<b>35 SH-60 SERIES</b>	<b>108,328</b>	<b>106,506</b>
Installations kit non-recurring cost growth (OSIP 018-12)		-1,822
<b>36 H-1 SERIES</b>	<b>46,333</b>	<b>69,733</b>
Program increase - H-1 readiness		23,400
<b>39 E-2 SERIES</b>	<b>32,949</b>	<b>30,949</b>
Excess support growth (OSIP 009-16)		-2,000
<b>40 TRAINER A/C SERIES</b>	<b>13,199</b>	<b>11,328</b>
Installation kit carryover (OSIP 005-04)		-1,871
<b>42 C-130 SERIES</b>	<b>61,788</b>	<b>53,788</b>
Prior year carryover		-8,000
<b>45 E-6 SERIES</b>	<b>222,077</b>	<b>208,544</b>
Installation kit non-recurring growth (OSIP 003-04)		-3,000
Excess support growth (OSIP 003-04)		-5,309
Installation kit non-recurring growth (OSIP 012-07)		-3,000
Training growth (OSIP 008-10)		-424
APU kit cost growth (OSIP 002-12)		-1,800
<b>46 EXECUTIVE HELICOPTERS SERIES</b>	<b>66,835</b>	<b>63,754</b>
Excess support growth (OSIP 014-02)		-3,081
<b>48 T-45 SERIES</b>	<b>114,887</b>	<b>105,267</b>
Main landing gear kit previously funded (OSIP 008-95)		-169
Installation previously funded (OSIP 008-95)		-2,858
Installation kits previously funded (OSIP 003-03)		-2,602
Support carryover (OSIP 006-16)		-3,991
<b>49 POWER PLANT CHANGES</b>	<b>16,893</b>	<b>14,893</b>
Excess support growth		-2,000
<b>50 JPATS SERIES</b>	<b>17,401</b>	<b>13,414</b>
Aircraft retrofit kits previously funded (OSIP 007-16)		-3,050
Installation cost growth (OSIP 007-16)		-937
<b>51 COMMON ECM EQUIPMENT</b>	<b>143,773</b>	<b>140,773</b>
ALQ-214 kit cost growth (OSIP 004-12)		-3,000
<b>52 COMMON AVIONICS CHANGES</b>	<b>164,839</b>	<b>159,839</b>
Excess cost growth		-5,000

(50E)

<b>P-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>54 ID SYSTEMS</b>	<b>45,768</b>	<b>42,270</b>
Installation kit cost growth (OSIP 15-03)		-3,498
<b>55 P-8 SERIES</b>	<b>18,836</b>	<b>18,036</b>
Prior year carryover		-800
<b>56 MAGTF EW FOR AVIATION</b>	<b>5,676</b>	<b>4,244</b>
ALQ-23(V)3 installation kits previously funded (OSIP 010-13)		-1,432
<b>58 RQ-7 SERIES</b>	<b>3,534</b>	<b>1,534</b>
Prior year carryover		-2,000
<b>60 F-35 STOVL SERIES</b>	<b>34,928</b>	<b>31,436</b>
Support carryover (OSIP 023-14)		-3,492
<b>61 F-35 CV SERIES</b>	<b>26,004</b>	<b>21,833</b>
Support carryover (OSIP 016-14)		-1,050
Support carryover (OSIP 024-14)		-3,121
<b>63 SPARES AND REPAIR PARTS</b>	<b>1,407,626</b>	<b>1,602,551</b>
MQ-4 Triton spares excess to need		-10,575
Program increase - spares and repair parts for the Marine Corps		205,500
<b>64 COMMON GROUND EQUIPMENT</b>	<b>390,103</b>	<b>365,282</b>
H-60S technology refresh upgrades contract delay		-5,821
Prior year carryover		-19,000
<b>66 WAR CONSUMABLES</b>	<b>40,613</b>	<b>36,740</b>
BRU-66 unit cost growth		-3,873

WEAPONS PROCUREMENT, NAVY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert SIA-c

~~(INSERT PROJECT LEVEL TABLE)~~

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
WEAPONS PROCUREMENT, NAVY		
BALLISTIC MISSILES		
MODIFICATION OF MISSILES		
1	TRIDENT II MODS.....	1,103,086 1,099,086
SUPPORT EQUIPMENT AND FACILITIES		
2	MISSILE INDUSTRIAL FACILITIES.....	6,776 6,776
-----		
	TOTAL, BALLISTIC MISSILES.....	1,109,862 1,105,862
OTHER MISSILES		
STRATEGIC MISSILES		
3	TOMAHAWK.....	186,905 219,105
TACTICAL MISSILES		
4	AMRAAM.....	204,697 197,263
5	SIDEWINDER.....	70,912 70,912
6	JSOW.....	2,232 2,232
7	STANDARD MISSILE.....	501,212 491,212
8	RAM.....	71,557 71,557
9	JOINT AIR GROUND MISSILE (JAGM).....	26,200 21,922
12	STAND OFF PRECISION GUIDED MUNITION.....	3,316 3,316
13	AERIAL TARGETS.....	137,484 136,684
14	OTHER MISSILE SUPPORT.....	3,248 3,248
15	LRASH.....	29,643 29,643
MODIFICATION OF MISSILES		
16	ESSM.....	52,935 50,817
18	HARM MODS.....	178,213 176,252
19	STANDARD MISSILES MODS.....	8,164 8,164
SUPPORT EQUIPMENT AND FACILITIES		
20	WEAPONS INDUSTRIAL FACILITIES.....	1,964 1,964
21	FLEET SATELLITE COMM FOLLOW-ON.....	36,723 33,723
ORDNANCE SUPPORT EQUIPMENT		
22	ORDNANCE SUPPORT EQUIPMENT.....	59,096 59,096
-----		
	TOTAL, OTHER MISSILES.....	1,574,501 1,577,110

(SIA)

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
TORPEDOES AND RELATED EQUIPMENT		
TORPEDOES AND RELATED EQUIP		
23 SSTD.....	5,910	5,910
24 MK-48 TORPEDO.....	44,537	43,037
25 ASW TARGETS.....	9,302	9,106
26 MK-54 TORPEDO MODS.....	98,092	97,092
MOD OF TORPEDOES AND RELATED EQUIP		
27 MK-48 TORPEDO ADCAP MODS.....	46,139	46,139
28 QUICKSTRIKE MINE.....	1,236	1,236
SUPPORT EQUIPMENT		
29 TORPEDO SUPPORT EQUIPMENT.....	60,061	54,971
30 ASW RANGE SUPPORT.....	3,706	3,706
DESTINATION TRANSPORTATION		
31 FIRST DESTINATION TRANSPORTATION.....	3,804	3,804
-----		
TOTAL, TORPEDOES AND RELATED EQUIPMENT.....	272,787	265,001
OTHER WEAPONS		
GUNS AND GUN MOUNTS		
32 SMALL ARMS AND WEAPONS.....	18,002	18,002
MODIFICATION OF GUNS AND GUN MOUNTS		
33 CIWS MODS.....	50,900	50,900
34 COAST GUARD WEAPONS.....	25,295	25,295
35 GUN MOUNT MODS.....	77,003	77,003
36 LCS MODULE WEAPONS.....	2,776	2,776
37 CRUISER MODERNIZATION WEAPONS.....	---	67,200
38 AIRBORNE MINE NEUTRALIZATION SYSTEMS.....	15,753	13,753
-----		
TOTAL, OTHER WEAPONS.....	189,729	254,929
40 SPARES AND REPAIR PARTS.....	62,383	62,383
-----		
TOTAL, WEAPONS PROCUREMENT, NAVY.....	3,209,262	3,265,285
=====		

51B

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

P-1	Budget Request	Final Bill
<b>1 TRIDENT II MODS</b>	<b>1,103,086</b>	<b>1,099,086</b>
Excess program growth		-4,000
<b>3 TOMAHAWK</b>	<b>186,905</b>	<b>219,105</b>
Tomahawk unit cost growth		-22,000
MK 14 canister unit cost growth		-2,000
Program increase		56,200
<b>4 AMRAAM</b>	<b>204,697</b>	<b>197,263</b>
Unit cost growth		-7,434
<b>7 STANDARD MISSILE</b>	<b>501,212</b>	<b>491,212</b>
ECP cost growth		-10,000
<b>9 JOINT AIR GROUND MISSILE (JAGM)</b>	<b>26,200</b>	<b>21,922</b>
Unit cost savings		-4,278
<b>13 AERIAL TARGETS</b>	<b>137,484</b>	<b>136,684</b>
Other targets cost savings		-500
Excess support growth		-300
<b>16 ESSM</b>	<b>52,935</b>	<b>50,817</b>
Excess program growth		-2,118
<b>18 HARM MODS</b>	<b>178,213</b>	<b>176,252</b>
Training equipment prior year carryover		-1,961
<b>21 FLEET SATELLITE COMM FOLLOW-ON</b>	<b>36,723</b>	<b>33,723</b>
Ground system updates excess growth		-3,000
<b>24 MK-48 TORPEDO</b>	<b>44,537</b>	<b>43,037</b>
Excess program growth		-1,500
<b>25 ASW TARGETS</b>	<b>9,302</b>	<b>9,106</b>
MK-39 targets unit cost growth		-196
<b>26 MK-54 TORPEDO MODS</b>	<b>98,092</b>	<b>97,092</b>
Diminishing manufacturing sources excess growth		-1,000
<b>29 TORPEDO SUPPORT EQUIPMENT</b>	<b>60,061</b>	<b>54,971</b>
VLA kits excess growth		-3,000
F8100 contract delays		-2,090
<b>37 CRUISER MODERNIZATION WEAPONS</b>	<b>0</b>	<b>67,200</b>
Transfer from SMOSF		67,200
<b>38 AIRBORNE MINE NEUTRALIZATION SYSTEMS</b>	<b>15,753</b>	<b>13,753</b>
Contract delay		-2,000



PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 52A-C

~~(INSERT PROJECT LEVEL TABLE)~~

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
PROCUREMENT OF AMMO, NAVY & MARINE CORPS		
PROC AMMO, NAVY NAVY AMMUNITION		
1 GENERAL PURPOSE BOMBS.....	91,659	91,659
2 AIRBORNE ROCKETS, ALL TYPES.....	65,759	63,381
3 MACHINE GUN AMMUNITION.....	8,152	8,152
4 PRACTICE BOMBS.....	41,873	41,873
5 CARTRIDGES & CART ACTUATED DEVICES.....	54,002	48,635
6 AIR EXPENDABLE COUNTERMEASURES.....	57,034	56,609
7 JATOS.....	2,735	2,735
9 5 INCH/54 GUN AMMUNITION.....	19,220	17,620
10 INTERMEDIATE CALIBER GUN AMMUNITION.....	30,196	28,096
11 OTHER SHIP GUN AMMUNITION.....	39,009	46,209
12 SMALL ARMS & LANDING PARTY AMMO.....	46,727	46,727
13 PYROTECHNIC AND DEMOLITION.....	9,806	9,806
14 AMMUNITION LESS THAN \$5 MILLION.....	2,900	2,900
	-----	-----
TOTAL, PROC AMMO, NAVY.....	469,072	464,402

52A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
PROC AMMO, MARINE CORPS MARINE CORPS AMMUNITION		
15 SMALL ARMS AMMUNITION.....	27,958	27,022
17 40 MM, ALL TYPES.....	14,758	13,188
18 60MM, ALL TYPES.....	992	992
20 120MM, ALL TYPES.....	16,757	10,427
21 GRENADES, ALL TYPES.....	972	---
22 ROCKETS, ALL TYPES.....	14,186	12,436
23 ARTILLERY, ALL TYPES.....	68,656	64,906
24 DEMOLITION MUNITIONS, ALL TYPES.....	1,700	1,700
25 FUZE, ALL TYPES.....	26,088	20,640
27 AMMO MODERNIZATION.....	14,660	13,396
28 ITEMS LESS THAN \$5 MILLION.....	8,569	4,569
TOTAL, PROC AMMO, MARINE CORPS.....	195,296	169,276
TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS.....	664,368	633,678

528

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

P-1	Budget Request	Final Bill
<b>2 AIRBORNE ROCKETS, ALL TYPES</b>	<b>65,759</b>	<b>63,381</b>
APKWS product improvement and production engineering support growth		-2,378
<b>5 CARTRIDGES &amp; CART ACTUATED DEVICES</b>	<b>54,002</b>	<b>48,635</b>
CCU-107 impulse CTG previously funded		-295
MK-122 rockets unit cost growth		-367
MK-123 and MK-124 underseat rocket motors contract delays		-615
Miscellaneous devices program growth		-4,090
<b>6 AIR EXPENDABLE COUNTERMEASURES</b>	<b>57,034</b>	<b>56,609</b>
ALE-55 unit cost growth		-425
<b>9 5 INCH/54 GUN AMMUNITION</b>	<b>19,220</b>	<b>17,620</b>
Renovation components previously funded		-1,600
<b>10 INTERMEDIATE CALIBER GUN AMMUNITION</b>	<b>30,196</b>	<b>28,096</b>
57MM MK 296 contract delay		-2,100
<b>11 OTHER SHIP GUN AMMUNITION</b>	<b>39,009</b>	<b>46,209</b>
Program increase		7,200
<b>15 SMALL ARMS AMMUNITION</b>	<b>27,958</b>	<b>27,022</b>
Production engineering excess growth		-936
<b>17 40 MM, ALL TYPES</b>	<b>14,758</b>	<b>13,188</b>
MK281 unit cost growth		-1,570
<b>20 120MM, ALL TYPES</b>	<b>16,757</b>	<b>10,427</b>
Precision extended range munition developmental delay		-6,330
<b>21 GRENADES, ALL TYPES</b>	<b>972</b>	<b>0</b>
Excess production engineering		-972
<b>22 ROCKETS, ALL TYPES</b>	<b>14,186</b>	<b>12,436</b>
HX07 contract delay		-1,750
<b>23 ARTILLERY, ALL TYPES</b>	<b>68,656</b>	<b>64,906</b>
HE M795 previously funded		-3,750
<b>25 FUZE, ALL TYPES</b>	<b>26,088</b>	<b>20,640</b>
Precision guided fuze unit cost savings		-4,320
Excess production engineering and ECP growth		-1,128
<b>27 AMMO MODERNIZATION</b>	<b>14,660</b>	<b>13,396</b>
Program underexecution		-1,264
<b>28 ITEMS LESS THAN \$5 MILLION</b>	<b>8,569</b>	<b>4,569</b>
Unobligated balances		-4,000

(520)

## SHIPBUILDING AND CONVERSION, NAVY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 53A-C

~~(INSERT PROJECT LEVEL TABLE)~~

### DDG-51 FLIGHT IIA DESTROYERS

The Navy currently is procuring DDG-51 Flight IIA destroyers under a fiscal year 2013 to fiscal year 2017 multi-year procurement shipbuilding contract awarded in June 2013, as authorized by section 8010 of Public Law 113-6. Additionally, the Navy is addressing increasing ballistic and cruise missile threats through the development and acquisition of an Air and Missile Defense Radar, which is planned for integration on the DDG-51 class of ships through an engineering change proposal, resulting in a new Flight III configuration. However, a recent Government Accountability Office report (GAO 16-613) details concerns regarding a lack of sufficient acquisition and limited detail design knowledge to support the Navy's current Flight III procurement strategy. Further concerns remain regarding the full costs of DDG-51 Flight III destroyers. Therefore, the Secretary of the Navy should award and complete the additional DDG-51 ship, fully funded in fiscal years 2016 and 2017, as an additional DDG-51 Flight IIA ship. The Secretary of the Navy is directed to expeditiously award this ship construction contract.

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
SHIPBUILDING & CONVERSION, NAVY		
FLEET BALLISTIC MISSILE SHIPS		
1 OHIO REPLACEMENT SUBMARINE.....	773,138	773,138
OTHER WARSHIPS		
2 CARRIER REPLACEMENT PROGRAM.....	1,291,783	1,255,783
3 CARRIER REPLACEMENT PROGRAM (AP-CY).....	1,370,784	1,370,784
4 VIRGINIA CLASS SUBMARINE.....	3,187,985	3,187,985
5 VIRGINIA CLASS SUBMARINE (AP-CY).....	1,767,234	1,852,234
6 CVN REFUELING OVERHAUL.....	1,743,220	1,699,120
7 CVN REFUELING OVERHAULS (AP-CY).....	248,599	233,149
8 DDG 1000.....	271,756	271,756
9 DDG-51.....	3,211,292	3,614,792
11 LITTORAL COMBAT SHIP.....	1,125,625	1,563,692
TOTAL, OTHER WARSHIPS.....	14,218,278	15,049,295
AMPHIBIOUS SHIPS		
14 LPD-17.....	---	1,786,000
16 LHA REPLACEMENT.....	1,623,024	1,617,719
TOTAL, AMPHIBIOUS SHIPS.....	1,623,024	3,403,719

53A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS		
20 TAO FLEET OILER (AP-CY).....	73,079	73,079
22 MOORED TRAINING SHIP.....	624,527	624,527
25 OUTFITTING.....	666,158	626,158
26 SHIP TO SHORE CONNECTOR.....	128,067	128,067
27 SERVICE CRAFT.....	65,192	65,192
28 LCAC SLEP.....	1,774	82,074
29 YP CRAFT MAINTENANCE/ROH/SLEP.....	21,363	21,363
30 COMPLETION OF PY SHIPBUILDING PROGRAMS.....	160,274	160,274
31 POLAR ICEBREAKERS (AP).....	---	150,000
-----		
TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM...	1,740,434	1,930,734
-----		
TOTAL, SHIPBUILDING & CONVERSION, NAVY.....	18,354,874	21,156,886
=====		

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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

P-1	Budget Request	Final Bill
<b>2 CARRIER REPLACEMENT PROGRAM</b>	<b>1,291,783</b>	<b>1,255,783</b>
Excess cost growth		-20,000
Reduction in change orders growth		-16,000
<b>5 VIRGINIA CLASS SUBMARINE (AP-CY)</b>	<b>1,767,234</b>	<b>1,852,234</b>
Program increase		85,000
<b>6 CVN REFUELING OVERHAUL</b>	<b>1,743,220</b>	<b>1,699,120</b>
C4ISR cost growth		-7,500
Integrated communication network cost growth		-5,000
UCLASS early to need		-26,700
Aviation equipment and support cost growth		-2,100
ROAR cost growth		-2,800
<b>7 CVN REFUELING OVERHAULS (AP-CY)</b>	<b>248,599</b>	<b>233,149</b>
Other costs growth		-7,500
Basic plans growth		-4,300
Electronics cost growth		-3,650
<b>9 DDG-51</b>	<b>3,211,292</b>	<b>3,614,792</b>
Program increase - only for DDG-51 Flight IIA ship partially funded in fiscal year 2016		433,000
Change orders reduction from two ships requested for fiscal year 2017		-29,500
<b>11 LITTORAL COMBAT SHIP</b>	<b>1,125,625</b>	<b>1,563,692</b>
Basic construction excess growth		-21,000
Other electronics cost growth		-3,933
Other costs excess growth		-12,000
Program increase - one additional ship		475,000
<b>14 LPD-17</b>	<b>0</b>	<b>1,786,000</b>
Program increase - additional funding to support LPD 29		1,550,000
Realignment of fiscal year 2016 funds to support LPD 29		236,000
<b>16 LHA REPLACEMENT</b>	<b>1,623,024</b>	<b>1,617,719</b>
Excess change orders		-5,305
<b>25 OUTFITTING</b>	<b>666,158</b>	<b>626,158</b>
Outfitting and post delivery funds early to need		-40,000
<b>28 LCAC SLEP</b>	<b>1,774</b>	<b>82,074</b>
Program increase		80,300
<b>31 POLAR ICEBREAKERS (AP)</b>	<b>0</b>	<b>150,000</b>
Program increase - advance procurement for the polar icebreaker recapitalization project		150,000

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## POLAR ICEBREAKER RECAPITALIZATION PROJECT

The Navy and the Coast Guard are collaborating to refine requirements and an acquisition strategy for procurement of an affordable polar icebreaker. This collaboration continues to refine program costs and requirements in an effort to award a detailed design and construction contract for the lead ship in fiscal year 2019. The agreement supports this effort and provides \$150,000,000 in advance procurement funding to buy long-lead time material for the program's initial ship. The Coast Guard is encouraged to budget for follow-on efforts.

OTHER PROCUREMENT, NAVY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 55A-L

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
OTHER PROCUREMENT, NAVY		
SHIPS SUPPORT EQUIPMENT		
SHIP PROPULSION EQUIPMENT		
3	SURFACE POWER EQUIPMENT.....	15,514 15,514
4	HYBRID ELECTRIC DRIVE (HED).....	40,132 35,933
GENERATORS		
5	SURFACE COMBATANT HM&E.....	29,974 27,447
NAVIGATION EQUIPMENT		
6	OTHER NAVIGATION EQUIPMENT.....	63,942 62,971
PERISCOPES		
7	SUB PERISCOPES AND IMAGING SUPPORT EQUIPMENT PROGRAM..	136,421 133,963
OTHER SHIPBOARD EQUIPMENT		
9	DDG MOD.....	367,766 364,614
10	FIREFIGHTING EQUIPMENT.....	14,743 13,752
11	COMMAND AND CONTROL SWITCHBOARD.....	2,140 2,140
12	LHA/LHD MIDLIFE.....	24,939 22,768
14	POLLUTION CONTROL EQUIPMENT.....	20,191 16,510
15	SUBMARINE SUPPORT EQUIPMENT.....	8,995 8,995
16	VIRGINIA CLASS SUPPORT EQUIPMENT.....	66,838 63,908
17	LCS CLASS SUPPORT EQUIPMENT.....	54,823 43,819
18	SUBMARINE BATTERIES.....	23,359 22,459
19	LPD CLASS SUPPORT EQUIPMENT.....	40,321 33,992
20	DOG-1000 SUPPORT EQUIPMENT.....	33,404 33,404
21	STRATEGIC PLATFORM SUPPORT EQUIP.....	15,836 14,571
22	DSSP EQUIPMENT.....	806 806
23	CRUISER MODERNIZATION.....	--- 248,820
24	LCAC.....	3,090 3,090
25	UNDERWATER EOD PROGRAMS.....	24,350 24,350
26	ITEMS LESS THAN \$5 MILLION.....	88,719 64,054

55A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
27 CHEMICAL WARFARE DETECTORS.....	2,873	2,873
28 SUBMARINE LIFE SUPPORT SYSTEM.....	6,043	4,543
REACTOR PLANT EQUIPMENT		
30 REACTOR COMPONENTS.....	342,158	342,158
OCEAN ENGINEERING		
31 DIVING AND SALVAGE EQUIPMENT.....	8,973	8,176
SMALL BOATS		
32 STANDARD BOATS.....	43,684	59,033
PRODUCTION FACILITIES EQUIPMENT		
34 OPERATING FORCES IPE.....	75,421	71,921
OTHER SHIP SUPPORT		
35 NUCLEAR ALTERATIONS.....	172,718	172,718
36 LCS COMMON MISSION MODULES EQUIPMENT.....	27,840	15,670
37 LCS MCM MISSION MODULES.....	57,146	29,724
38 LCS ASW MISSION MODULES.....	31,952	---
39 LCS SUW MISSION MODULES.....	22,466	21,064
LOGISTICS SUPPORT		
41 LSD MIDLIFE.....	10,813	10,813
TOTAL, SHIPS SUPPORT EQUIPMENT.....	1,878,390	1,996,573
COMMUNICATIONS AND ELECTRONICS EQUIPMENT		
SHIP SONARS		
42 SPQ-9B RADAR.....	14,363	10,376
43 AN/SQQ-89 SURF ASW COMBAT SYSTEM.....	90,029	87,824
45 SSN ACOUSTICS EQUIPMENT.....	248,765	268,765
46 UNDERSEA WARFARE SUPPORT EQUIPMENT.....	7,163	7,163

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
ASW ELECTRONIC EQUIPMENT		
48 SUBMARINE ACOUSTIC WARFARE SYSTEM.....	21,291	21,291
49 SSTD.....	6,893	6,893
50 FIXED SURVEILLANCE SYSTEM.....	145,701	145,701
51 SURTASS.....	36,136	33,743
ELECTRONIC WARFARE EQUIPMENT		
53 AN/SLQ-32.....	274,892	244,001
RECONNAISSANCE EQUIPMENT		
54 SHIPBOARD IW EXPLOIT.....	170,733	169,021
55 AUTOMATED IDENTIFICATION SYSTEM (AIS).....	958	764
OTHER SHIP ELECTRONIC EQUIPMENT		
57 COOPERATIVE ENGAGEMENT CAPABILITY.....	22,034	17,965
59 NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS).....	12,336	12,336
60 ATDLS.....	30,105	27,921
61 NAVY COMMAND AND CONTROL SYSTEM (NCCS).....	4,556	4,556
62 MINESWEEPING SYSTEM REPLACEMENT.....	56,675	35,444
63 SHALLOW WATER MCM.....	8,875	8,875
64 NAVSTAR GPS RECEIVERS (SPACE).....	12,752	7,701
65 ARMED FORCES RADIO AND TV.....	4,577	4,577
66 STRATEGIC PLATFORM SUPPORT EQUIP.....	8,972	8,972
AVIATION ELECTRONIC EQUIPMENT		
69 ASHORE ATC EQUIPMENT.....	75,068	71,892
70 AFLOAT ATC EQUIPMENT.....	33,484	32,011
76 ID SYSTEMS.....	22,177	22,177
77 NAVAL MISSION PLANNING SYSTEMS.....	14,273	13,910
80 TACTICAL/MOBILE C41 SYSTEMS.....	27,927	24,178

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
OTHER SHORE ELECTRONIC EQUIPMENT		
81 DCGS-N.....	12,676	11,610
82 CANES.....	212,030	207,730
83 RADIAC.....	8,092	8,092
84 CANES-INTELL.....	36,013	35,313
85 GPETE.....	6,428	6,428
87 INTEG COMBAT SYSTEM TEST FACILITY.....	8,376	8,376
88 EMI CONTROL INSTRUMENTATION.....	3,971	3,971
89 ITEMS LESS THAN \$5 MILLION.....	58,721	47,664
SHIPBOARD COMMUNICATIONS		
90 SHIPBOARD TACTICAL COMMUNICATIONS.....	17,366	10,383
91 SHIP COMMUNICATIONS AUTOMATION.....	102,479	101,087
92 COMMUNICATIONS ITEMS UNDER \$5M.....	10,403	10,403
SUBMARINE COMMUNICATIONS		
93 SUBMARINE BROADCAST SUPPORT.....	34,151	31,459
94 SUBMARINE COMMUNICATION EQUIPMENT.....	64,529	62,879
SATELLITE COMMUNICATIONS		
95 SATELLITE COMMUNICATIONS SYSTEMS.....	14,414	14,414
96 NAVY MULTIBAND TERMINAL (NMT).....	38,365	33,992
SHORE COMMUNICATIONS		
97 JCS COMMUNICATIONS EQUIPMENT.....	4,156	4,156
CRYPTOGRAPHIC EQUIPMENT		
99 INFO SYSTEMS SECURITY PROGRAM (ISSP).....	85,694	93,205
100 MIO INTEL EXPLOITATION TEAM.....	920	920
CRYPTOLOGIC EQUIPMENT		
101 CRYPTOLOGIC COMMUNICATIONS EQUIP.....	21,098	21,098
OTHER ELECTRONIC SUPPORT		
102 COAST GUARD EQUIPMENT.....	32,291	32,291
-----		
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....	2,122,908	2,033,528

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
AVIATION SUPPORT EQUIPMENT		
SONOBUOYS		
103 SONOBUOYS - ALL TYPES.....	162,588	158,588
AIRCRAFT SUPPORT EQUIPMENT		
104 WEAPONS RANGE SUPPORT EQUIPMENT.....	58,116	58,116
105 AIRCRAFT SUPPORT EQUIPMENT.....	120,324	115,551
106 METEOROLOGICAL EQUIPMENT.....	29,253	29,253
107 OTHER PHOTOGRAPHIC EQUIPMENT (DCRS/DPL).....	632	632
108 AIRBORNE MINE COUNTERMEASURES.....	29,097	27,542
109 AVIATION SUPPORT EQUIPMENT.....	39,099	29,528
-----		
TOTAL, AVIATION SUPPORT EQUIPMENT.....	439,109	419,210
ORDNANCE SUPPORT EQUIPMENT		
SHIP GUN SYSTEM EQUIPMENT		
110 SHIP GUN SYSTEMS EQUIPMENT.....	6,191	6,191
SHIP MISSILE SYSTEMS EQUIPMENT		
111 SHIP MISSILE SUPPORT EQUIPMENT.....	320,446	307,446
112 TOMAHAWK SUPPORT EQUIPMENT.....	71,046	67,062
FBM SUPPORT EQUIPMENT		
113 STRATEGIC MISSILE SYSTEMS EQUIP.....	215,138	215,138
ASW SUPPORT EQUIPMENT		
114 SSN COMBAT CONTROL SYSTEMS.....	130,715	130,715
115 ASW SUPPORT EQUIPMENT.....	26,431	26,431
OTHER ORDNANCE SUPPORT EQUIPMENT		
116 EXPLOSIVE ORDNANCE DISPOSAL EQUIP.....	11,821	11,821
117 ITEMS LESS THAN \$5 MILLION.....	6,243	6,243
OTHER EXPENDABLE ORDNANCE		
118 SUBMARINE TRAINING DEVICE MODS.....	48,020	46,746
120 SURFACE TRAINING EQUIPMENT.....	97,514	87,714
-----		
TOTAL, ORDNANCE SUPPORT EQUIPMENT.....	933,565	905,507

55E

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
CIVIL ENGINEERING SUPPORT EQUIPMENT		
121 PASSENGER CARRYING VEHICLES.....	8,853	8,853
122 GENERAL PURPOSE TRUCKS.....	4,928	4,794
123 CONSTRUCTION & MAINTENANCE EQUIP.....	18,527	18,527
124 FIRE FIGHTING EQUIPMENT.....	13,569	13,569
125 TACTICAL VEHICLES.....	14,917	13,824
126 AMPHIBIOUS EQUIPMENT.....	7,676	7,676
127 POLLUTION CONTROL EQUIPMENT.....	2,321	2,321
128 ITEMS UNDER \$5 MILLION.....	12,459	8,436
129 PHYSICAL SECURITY VEHICLES.....	1,095	1,095
TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT.....	84,345	79,095
-----		
SUPPLY SUPPORT EQUIPMENT		
131 SUPPLY EQUIPMENT.....	16,023	16,023
133 FIRST DESTINATION TRANSPORTATION.....	5,115	5,115
134 SPECIAL PURPOSE SUPPLY SYSTEMS.....	295,471	295,471
TOTAL, SUPPLY SUPPORT EQUIPMENT.....	316,609	316,609



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
PERSONNEL AND COMMAND SUPPORT EQUIPMENT TRAINING DEVICES		
136 TRAINING AND EDUCATION EQUIPMENT.....	9,504	6,347
COMMAND SUPPORT EQUIPMENT		
137 COMMAND SUPPORT EQUIPMENT.....	37,180	29,980
139 MEDICAL SUPPORT EQUIPMENT.....	4,128	11,959
141 NAVAL MIP SUPPORT EQUIPMENT.....	1,925	1,925
142 OPERATING FORCES SUPPORT EQUIPMENT.....	4,777	4,777
143 C4ISR EQUIPMENT.....	9,073	9,073
144 ENVIRONMENTAL SUPPORT EQUIPMENT.....	21,107	19,439
145 PHYSICAL SECURITY EQUIPMENT.....	100,906	100,906
146 ENTERPRISE INFORMATION TECHNOLOGY.....	67,544	66,200
150 NEXT GENERATION ENTERPRISE SERVICE.....	98,216	98,216
-----		
TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT.....	354,360	348,822
151 SPARES AND REPAIR PARTS.....	199,660	199,660
CLASSIFIED PROGRAMS.....	9,915	9,915
-----		
TOTAL, OTHER PROCUREMENT, NAVY.....	6,338,861	6,308,919
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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

P-1	Budget Request	Final Bill
<b>4 HYBRID ELECTRIC DRIVE (HED)</b>	<b>40,132</b>	<b>35,933</b>
Installation early to need		-4,199
<b>5 SURFACE COMBATANT HM&amp;E</b>	<b>29,974</b>	<b>27,447</b>
Ship control systems unit cost growth		-2,180
Excess installation		-347
<b>6 OTHER NAVIGATION EQUIPMENT</b>	<b>63,942</b>	<b>62,971</b>
Surface AN/WNSN-9 excess installation		-971
<b>8 SUB PERISCOPES, IMAGING AND SUPT EQUIP PROG</b>	<b>136,421</b>	<b>133,963</b>
ISIS technical insertion NRE growth		-2,458
<b>9 DDG MOD</b>	<b>367,766</b>	<b>364,614</b>
Wireless communications installation early to need		-796
AWS upgrade kit cost growth		-1,500
VLS upgrades engineering services excess growth		-856
<b>10 FIREFIGHTING EQUIPMENT</b>	<b>14,743</b>	<b>13,752</b>
EEBD prior year carryover		-262
Magazine sprinkling improvement prior year carryover		-255
Firefighter access kits early to need		-474
<b>12 LHA/LHD MIDLIFE</b>	<b>24,939</b>	<b>22,768</b>
Brushless generator for PMP installation early to need		-1,000
HESC engineering services excess growth		-1,171
<b>14 POLLUTION CONTROL EQUIPMENT</b>	<b>20,191</b>	<b>16,510</b>
HF062 lightering systems unit cost growth		-850
HF031 pollution control equipment field changes (expeditionary warfare) previously funded		-2,831
<b>16 VIRGINIA CLASS SUPPORT EQUIPMENT</b>	<b>66,838</b>	<b>63,908</b>
Ship control system modernization backfit excess installation		-2,930
<b>17 LCS CLASS SUPPORT EQUIPMENT</b>	<b>54,823</b>	<b>43,819</b>
MT-30 gas turbine engine unit cost growth		-10,000
Prior year carryover		-1,004
<b>18 SUBMARINE BATTERIES</b>	<b>23,359</b>	<b>22,459</b>
OHIO class main storage battery previously funded		-900
<b>19 LPD CLASS SUPPORT EQUIPMENT</b>	<b>40,321</b>	<b>33,992</b>
HM&E electrical upgrades kits unit cost growth		-1,463
Installation funding early to need due to contract delays		-4,866
<b>21 STRATEGIC PLATFORM SUPPORT EQUIP</b>	<b>15,836</b>	<b>14,571</b>
Equipment HM&E SWS/SS alteration previously funded		-1,265
<b>23 CG MODERNIZATION</b>	<b>0</b>	<b>248,820</b>
Transfer from SMOSF		248,820

55H

P-1	Budget Request	Final Bill
<b>26 ITEMS LESS THAN \$5 MILLION</b>	<b>88,719</b>	<b>64,054</b>
Propellers and shafts unit cost growth		-849
Training test equipment unjustified request		-3,800
LHD/LHA davits excess installation		-790
JSF support prior year carryover		-838
Machinery plant upgrades installation early to need		-6,135
LSD boat davit installation early to need		-2,153
PCMS excess to need		-10,100
<b>28 SUBMARINE LIFE SUPPORT SYSTEM</b>	<b>6,043</b>	<b>4,543</b>
Prior year carryover		-1,500
<b>31 DIVING AND SALVAGE EQUIPMENT</b>	<b>8,973</b>	<b>8,176</b>
Contaminated water diving equipment unit cost growth		-213
Submarine support system unit cost growth		-584
<b>32 STANDARD BOATS</b>	<b>43,684</b>	<b>59,033</b>
Prior year carryover		-1,051
Program increase		16,400
<b>34 OPERATING FORCES IPE</b>	<b>75,421</b>	<b>71,921</b>
Shipyard capital investment program excess growth		-3,500
<b>36 LCS COMMON MISSION MODULES EQUIPMENT</b>	<b>27,840</b>	<b>15,670</b>
Mission bay training devices excess growth		-12,170
<b>37 LCS MCM MISSION MODULES</b>	<b>57,146</b>	<b>29,724</b>
ALMDS unit cost growth		-4,822
Unmanned surface sweep system early to need		-11,800
Knifefish early to need		-10,800
<b>38 LCS ASW MISSION MODULES</b>	<b>31,952</b>	<b>0</b>
ASW mission module early to need		-31,952
<b>39 LCS SUW MISSION MODULES</b>	<b>22,466</b>	<b>21,064</b>
MK-46 gun weapons system prior year contract savings		-1,402
<b>42 SPQ-9B RADAR</b>	<b>14,363</b>	<b>10,376</b>
AN/SPQ-9B engineering change proposals contract delays		-3,636
AN/SPQ-9B radar FMP kit cost growth		-351
<b>43 AN/SQQ-89 SURF ASW COMBAT SYSTEM</b>	<b>90,029</b>	<b>87,824</b>
Flight I/II upgrade installation funding early to need		-2,205
<b>45 SSN ACOUSTIC EQUIPMENT</b>	<b>248,765</b>	<b>268,765</b>
Program increase		20,000
<b>51 SURTASS</b>	<b>36,136</b>	<b>33,743</b>
Integrated common processor kit cost growth		-2,393
<b>53 AN/SLQ-32</b>	<b>274,892</b>	<b>244,001</b>
Block 3 excess support		-4,270
Block 3T installation prior year carryover		-2,981
Block 2 unit cost growth		-2,640
Block 3 concurrency		-21,000
<b>54 SHIPBOARD IW EXPLOIT</b>	<b>170,733</b>	<b>169,021</b>
Increment F kit cost growth		-1,712

(551)

<b>P-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>55 AUTOMATED IDENTIFICATION SYSTEM (AIS)</b>	<b>958</b>	<b>764</b>
AIS procurement unit cost growth		-194
<b>57 COOPERATIVE ENGAGEMENT CAPABILITY</b>	<b>22,034</b>	<b>17,965</b>
SDP processor backfits prior year carryover		-755
Common array block antenna prior year carryover		-3,314
<b>60 ATDLS</b>	<b>30,105</b>	<b>27,921</b>
Installation funding early to need		-2,184
<b>62 MINESWEEPING SYSTEM REPLACEMENT</b>	<b>56,675</b>	<b>35,444</b>
SSQ-94 trainer excess growth		-916
MSF measurement system upgrade excess growth		-4,518
Knifefish early to need		-11,807
Unmanned influence sweep system trainers early to need		-3,990
<b>64 NAVSTAR GPS RECEIVERS (SPACE)</b>	<b>12,752</b>	<b>7,701</b>
NAVWAR kit cost growth		-5,051
<b>69 ASHORE ATC EQUIPMENT</b>	<b>75,068</b>	<b>71,892</b>
AN/FPN-63 par tech refresh kit cost growth		-3,176
<b>70 AFLOAT ATC EQUIPMENT</b>	<b>33,484</b>	<b>32,011</b>
Production engineering excess growth		-1,473
<b>77 NAVAL MISSION PLANNING SYSTEMS</b>	<b>14,273</b>	<b>13,910</b>
JMPS-M flight planning seat unit cost growth		-363
<b>80 TACTICAL/MOBILE C41 SYSTEMS</b>	<b>27,927</b>	<b>24,178</b>
MTOC kit cost growth		-2,986
Excess installation		-763
<b>81 DCGS-N</b>	<b>12,676</b>	<b>11,610</b>
DCGS-N tech refresh kit cost growth		-526
Excess installation		-540
<b>82 CANES</b>	<b>212,030</b>	<b>207,730</b>
Installation funding early to need		-4,300
<b>84 CANES-INTELL</b>	<b>36,013</b>	<b>35,313</b>
Installation funding early to need		-700
<b>89 ITEMS LESS THAN \$5 MILLION</b>	<b>58,721</b>	<b>47,664</b>
Calibration standards unit cost growth		-1,798
DBR engineering change proposals excess growth		-5,259
AN/SPS-48G radar excess installation		-4,000
<b>90 SHIPBOARD TACTICAL COMMUNICATIONS</b>	<b>17,366</b>	<b>10,383</b>
DMR IW and MUOS waveforms upgrade kits previously funded		-5,869
Installation funding early to need		-1,114
<b>91 SHIP COMMUNICATIONS AUTOMATION</b>	<b>102,479</b>	<b>101,087</b>
Shore tactical assured command and control kit cost growth		-1,392
<b>93 SUBMARINE BROADCAST SUPPORT</b>	<b>34,151</b>	<b>31,459</b>
TACAMO unit cost growth		-2,692

P-1	Budget Request	Final Bill
<b>94 SUBMARINE COMMUNICATION EQUIPMENT</b>	<b>64,529</b>	<b>62,879</b>
Reliability improvements unit cost growth		-1,650
<b>96 NAVY MULTIBAND TERMINAL (NMT)</b>	<b>38,365</b>	<b>33,992</b>
Afloat sub kit cost growth		-1,319
Ashore excess installation		-3,054
<b>99 INFO SYSTEMS SECURITY PROGRAM (ISSP)</b>	<b>85,694</b>	<b>93,205</b>
Key management - ashore previously funded		-2,489
Program increase		10,000
<b>103 SONOBUOYS - ALL TYPES</b>	<b>162,588</b>	<b>158,588</b>
Unit cost growth		-4,000
<b>105 AIRCRAFT SUPPORT EQUIPMENT</b>	<b>120,324</b>	<b>115,551</b>
Lighting engineering change proposals excess growth		-1,118
Blk I/ISNS kits excess installation		-751
SRQ(KU)-4 kit cost growth		-2,904
<b>108 AIRBORNE MINE COUNTERMEASURES</b>	<b>29,097</b>	<b>27,542</b>
Modifications unjustified growth		-1,555
<b>109 AVIATION SUPPORT EQUIPMENT</b>	<b>39,099</b>	<b>29,528</b>
EPUK HW/SW excess growth		-861
JHMCS night vision unit cost growth		-1,172
Program delay		-7,538
<b>111 SHIP MISSILE SUPPORT EQUIPMENT</b>	<b>320,446</b>	<b>307,446</b>
AEGIS training and readiness center upgrade early to need		-8,000
NATO seasparrow previously funded		-5,000
<b>112 TOMAHAWK SUPPORT EQUIPMENT</b>	<b>71,046</b>	<b>67,062</b>
TTWCS product improvement previously funded		-3,984
<b>118 SUBMARINE TRAINING DEVICE MODS</b>	<b>48,020</b>	<b>46,746</b>
Navigation training unjustified growth		-1,274
<b>120 SURFACE TRAINING EQUIPMENT</b>	<b>97,514</b>	<b>87,714</b>
Unjustified growth		-5,000
BFFT ship sets previously funded		-4,800
<b>122 GENERAL PURPOSE TRUCKS</b>	<b>4,928</b>	<b>4,794</b>
Truck unit cost growth		-134
<b>125 TACTICAL VEHICLES</b>	<b>14,917</b>	<b>13,824</b>
JLTV unit cost savings		-1,093
<b>128 ITEMS UNDER \$5 MILLION</b>	<b>12,459</b>	<b>8,436</b>
Prior year carryover		-4,023
<b>136 TRAINING AND EDUCATION EQUIPMENT</b>	<b>9,504</b>	<b>6,347</b>
Lifecycle management unit cost growth		-363
Ballistic missile defense unit cost growth		-2,794
<b>137 COMMAND SUPPORT EQUIPMENT</b>	<b>37,180</b>	<b>29,980</b>
CNIC building control systems unjustified request		-7,200

55K

P-1	Budget Request	Final Bill
<b>139 MEDICAL SUPPORT EQUIPMENT</b> Program increase - expeditionary medical facilities	4,128	<b>11,959</b> 7,831
<b>144 ENVIRONMENTAL SUPPORT EQUIPMENT</b> Master clock systems unit cost growth Integrated sub bottom profiler unit cost growth	21,107	<b>19,439</b> -879 -789
<b>146 ENTERPRISE INFORMATION TECHNOLOGY</b> Telephony replacement excess installation	67,544	<b>66,200</b> -1,344

55L

PROCUREMENT, MARINE CORPS

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~ insert 56A-E

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
PROCUREMENT, MARINE CORPS		
WEAPONS AND COMBAT VEHICLES		
TRACKED COMBAT VEHICLES		
1	AAV7A1 PIP.....	73,785 69,785
2	LAV PIP.....	53,423 48,219
ARTILLERY AND OTHER WEAPONS		
3	EXPEDITIONARY FIRE SUPPORT SYSTEM.....	3,360 3,360
4	155MM LIGHTWEIGHT TOWED HOWITZER.....	3,318 3,318
5	HIGH MOBILITY ARTILLERY ROCKET SYSTEM.....	33,725 31,169
6	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION.....	8,181 7,191
OTHER SUPPORT		
7	MODIFICATION KITS.....	15,250 15,250
8	WEAPONS ENHANCEMENT PROGRAM.....	--- 1,000
-----		
	TOTAL, WEAPONS AND COMBAT VEHICLES.....	191,042 179,292
GUIDED MISSILES AND EQUIPMENT		
GUIDED MISSILES		
9	GROUND BASED AIR DEFENSE.....	9,170 9,170
10	JAVELIN.....	1,009 1,009
11	FOLLOW ON TO SMAW.....	24,666 22,918
12	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H).....	17,080 17,080
-----		
	TOTAL, GUIDED MISSILES AND EQUIPMENT.....	51,925 50,177

56A



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
COMMUNICATIONS AND ELECTRONICS EQUIPMENT COMMAND AND CONTROL SYSTEMS		
15 COMMON AVIATION COMMAND AND CONTROL SYS.....	47,312	52,487
REPAIR AND TEST EQUIPMENT		
16 REPAIR AND TEST EQUIPMENT.....	16,469	14,469
COMMAND AND CONTROL ITEMS UNDER \$5 MILLION (COMM & ELEC).....	7,433	6,839
20 AIR OPERATIONS C2 SYSTEMS.....	15,917	15,917
RADAR + EQUIPMENT (NON-TEL)		
21 RADAR SYSTEMS.....	17,772	17,772
22 GROUND/AIR TASK ORIENTED RADAR.....	123,758	122,693
23 RQ-21 UAS.....	80,217	78,217
INTELL/COMM EQUIPMENT (NON-TEL)		
24 GCSS-MC.....	1,089	1,089
25 FIRE SUPPORT SYSTEM.....	13,258	13,258
26 INTELLIGENCE SUPPORT EQUIPMENT.....	56,379	51,213
29 RQ-11 UAV.....	1,976	1,976
31 DCGS-MC.....	1,149	1,149
32 UAS PAYLOADS.....	2,971	2,971
OTHER COMM/ELEC EQUIPMENT (NON-TEL)		
34 NEXT GENERATION ENTERPRISE NETWORK (NGEN).....	76,302	68,083
OTHER SUPPORT (NON-TEL)		
35 COMMON COMPUTER RESOURCES.....	41,802	38,802
36 COMMAND POST SYSTEMS.....	90,924	90,924
37 RADIO SYSTEMS.....	43,714	43,714
38 COMM SWITCHING & CONTROL SYSTEMS.....	66,383	62,383
39 COMM & ELEC INFRASTRUCTURE SUPPORT.....	30,229	30,229
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....	735,054	714,185
SUPPORT VEHICLES		
ADMINISTRATIVE VEHICLES		
41 COMMERCIAL CARGO VEHICLES.....	88,312	84,812

568

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
TACTICAL VEHICLES		
43 MOTOR TRANSPORT MODIFICATIONS.....	13,292	13,292
45 JOINT LIGHT TACTICAL VEHICLE.....	113,230	104,230
46 FAMILY OF TACTICAL TRAILERS.....	2,691	2,691
TOTAL, SUPPORT VEHICLES.....	217,525	205,025
-----		
ENGINEER AND OTHER EQUIPMENT		
ENGINEER AND OTHER EQUIPMENT		
48 ENVIRONMENTAL CONTROL EQUIP ASSORT.....	18	---
50 TACTICAL FUEL SYSTEMS.....	78	---
51 POWER EQUIPMENT ASSORTED.....	17,973	17,973
52 AMPHIBIOUS SUPPORT EQUIPMENT.....	7,371	7,371
53 EOD SYSTEMS.....	14,021	14,021
MATERIALS HANDLING EQUIPMENT		
54 PHYSICAL SECURITY EQUIPMENT.....	31,523	24,582
GENERAL PROPERTY		
58 TRAINING DEVICES.....	33,658	33,658
60 FAMILY OF CONSTRUCTION EQUIPMENT.....	21,315	20,278
61 FAMILY OF INTERNALLY TRANSPORTABLE VEHICLE (ITV).....	9,654	9,282
OTHER SUPPORT		
62 ITEMS LESS THAN \$5 MILLION.....	6,026	6,026
TOTAL, ENGINEER AND OTHER EQUIPMENT.....	141,637	133,191
-----		
64 SPARES AND REPAIR PARTS.....	22,848	22,848
CLASSIFIED PROGRAMS.....	2,738	2,738
-----		
TOTAL, PROCUREMENT, MARINE CORPS.....	1,362,769	1,307,456
=====		

56C

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

P-1	Budget Request	Final Bill
<b>1 AAV7A1 PIP</b>	<b>73,785</b>	<b>69,785</b>
Excess program growth		-4,000
<b>2 LAV PIP</b>	<b>53,423</b>	<b>48,219</b>
Unit cost savings		-3,024
Program management support excess growth		-964
Training devices prior year carryover		-1,216
<b>5 HIGH MOBILITY ARTILLERY ROCKET SYSTEM</b>	<b>33,725</b>	<b>31,169</b>
Unit cost growth		-2,556
<b>6 WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION</b>	<b>8,181</b>	<b>7,191</b>
Unjustified growth		-990
<b>8 WEAPONS ENHANCEMENT PROGRAM</b>	<b>0</b>	<b>1,000</b>
Program increase		1,000
<b>11 FOLLOW ON TO SMAW</b>	<b>24,666</b>	<b>22,918</b>
Unjustified growth		-1,748
<b>15 COMMON AVIATION COMMAND AND CONTROL SYS</b>	<b>47,312</b>	<b>52,487</b>
Unit cost growth		-825
Program increase		6,000
<b>16 REPAIR AND TEST EQUIPMENT</b>	<b>16,469</b>	<b>14,469</b>
Lack of budget justification materials		-2,000
<b>19 ITEMS UNDER \$5 MILLION (COMM &amp; ELEC)</b>	<b>7,433</b>	<b>6,839</b>
Unjustified growth		-594
<b>22 GROUND/AIR TASK ORIENTED RADAR</b>	<b>123,758</b>	<b>122,693</b>
Excess engineering change orders		-1,065
<b>23 RQ-21 UAS</b>	<b>80,217</b>	<b>78,217</b>
Inconsistent budget justification		-2,000
<b>26 INTELLIGENCE SUPPORT EQUIPMENT</b>	<b>56,379</b>	<b>51,213</b>
Software enhancement unjustified growth		-5,166
<b>34 NEXT GENERATION ENTERPRISE NETWORK (NGEN)</b>	<b>76,302</b>	<b>68,083</b>
Unjustified growth		-8,219
<b>35 COMMON COMPUTER RESOURCES</b>	<b>41,802</b>	<b>38,802</b>
Prior year carryover		-3,000
<b>38 COMM SWITCHING &amp; CONTROL SYSTEMS</b>	<b>66,383</b>	<b>62,383</b>
Program execution		-4,000
<b>41 COMMERCIAL CARGO VEHICLES</b>	<b>88,312</b>	<b>84,812</b>
Excess program growth		-3,500
<b>45 JOINT LIGHT TACTICAL VEHICLE</b>	<b>113,230</b>	<b>104,230</b>
Test support unjustified growth		-9,000

(56D)

P-1	Budget Request	Final Bill
48 ENVIRONMENTAL CONTROL EQUIP ASSORT Unjustified request	18	0 -18
50 TACTICAL FUEL SYSTEMS Unjustified request	78	0 -78
54 PHYSICAL SECURITY EQUIPMENT Collateral equipment early to need	31,523	24,582 -6,941
60 FAMILY OF CONSTRUCTION EQUIPMENT Garrison mobile engineering equipment excess growth	21,315	20,278 -1,037
61 FAMILY OF INTERNALLY TRANSPORTABLE VEHICLE (ITV) Testing and FDT excess growth	9,654	9,282 -372

56E

AIRCRAFT PROCUREMENT, AIR FORCE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

Insert 57A-F

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
AIRCRAFT PROCUREMENT, AIR FORCE		
COMBAT AIRCRAFT TACTICAL FORCES		
1 F-35.....	4,401,894	4,602,894
2 F-35 (AP-CY).....	404,500	404,500
-----		
TOTAL, COMBAT AIRCRAFT.....	4,806,394	5,007,394
AIRLIFT AIRCRAFT OTHER AIRLIFT		
3 KC-46A TANKER.....	2,884,591	2,567,191
4 C-130J.....	145,655	305,655
6 HC-130J.....	317,576	317,576
7 HC-130J.....	20,000	20,000
8 MC-130J.....	548,358	499,358
9 MC-130J (AP).....	50,000	50,000
-----		
TOTAL, AIRLIFT AIRCRAFT.....	3,966,180	3,759,780
OTHER AIRCRAFT HELICOPTERS		
10 UH-1N REPLACEMENT.....	18,337	93,337
MISSION SUPPORT AIRCRAFT		
12 CIVIL AIR PATROL A/C.....	2,637	10,337
OTHER AIRCRAFT		
13 TARGET DRONES.....	114,656	114,656
14 RQ-4 UAV.....	12,966	7,217
15 MQ-9.....	122,522	122,522
15X COMPASS CALL.....	---	103,000
-----		
TOTAL, OTHER AIRCRAFT.....	271,118	451,069

57A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
MODIFICATION OF INSERVICE AIRCRAFT		
STRATEGIC AIRCRAFT		
16 B-2A.....	46,729	46,729
17 B-1B.....	116,319	116,319
18 B-52.....	109,020	109,020
TACTICAL AIRCRAFT		
20 A-10.....	1,289	1,289
21 F-15.....	105,685	145,405
22 F-16.....	97,331	113,231
23 F-22A.....	163,008	146,008
24 F-35 MODIFICATIONS.....	175,811	115,811
25 INCREMENT 3.2b.....	76,410	76,410
26 INCREMENT 3.2b (AP-CY).....	2,000	2,000
AIRLIFT AIRCRAFT		
27 C-5.....	24,192	24,192
29 C-17A.....	21,555	17,455
30 C-21.....	5,439	439
31 C-32A.....	35,235	30,235
32 C-37A.....	5,004	5,004
TRAINER AIRCRAFT		
33 GLIDER MODS.....	394	394
34 T6.....	12,765	12,765
35 T-1.....	25,073	13,373
36 T-38.....	45,090	33,590

578

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
37 OTHER AIRCRAFT		
U-2 MODS.....	36,074	36,074
38 KC-10A (ATCA).....	4,570	4,570
39 C-12.....	1,995	1,995
40 VC-25A MOD.....	102,670	102,670
41 C-40.....	13,984	13,984
42 C-130.....	9,168	106,668
43 C130J MODS.....	89,424	89,424
44 C-135.....	64,161	64,161
45 COMPASS CALL MODS.....	130,257	130,257
46 RC-135.....	211,438	211,438
47 E-3.....	82,786	82,786
48 E-4.....	53,348	53,348
49 E-8.....	6,244	25,944
50 AIRBORNE WARNING AND CONTROL SYSTEM.....	223,427	223,427
51 FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS.....	4,673	4,673
52 H-1.....	9,007	9,007
54 H-60.....	91,357	86,357
55 RQ-4 UAV MODS.....	32,045	32,045
56 HC/MC-130 MODIFICATIONS.....	30,767	30,767
57 OTHER AIRCRAFT.....	33,886	33,886
59 MQ-9 MODS.....	141,929	149,929
60 CV-22 MODS.....	63,395	63,395
TOTAL, MODIFICATION OF INSERVICE AIRCRAFT.....	2,504,954	2,566,474

570



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
AIRCRAFT SPARES AND REPAIR PARTS		
61 INITIAL SPARES/REPAIR PARTS.....	686,491	834,691
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES		
COMMON SUPPORT EQUIPMENT		
62 AIRCRAFT REPLACEMENT SUPPORT EQUIP.....	121,935	48,935
POST PRODUCTION SUPPORT		
63 B-2A.....	154	154
64 B-2A.....	43,330	43,330
65 B-52.....	28,125	28,125
66 C-17A.....	23,559	83,859
69 F-15 POST PRODUCTION SUPPORT.....	2,980	2,980
70 F-16 POST PRODUCTION SUPPORT.....	15,155	28,190
71 F-22A.....	48,505	48,505
72 RQ-4 POST PRODUCTION CHARGES.....	99	99
INDUSTRIAL PREPAREDNESS		
75 INDUSTRIAL PREPAREDNESS.....	14,126	14,126
WAR CONSUMABLES		
76 WAR CONSUMABLES.....	120,036	120,036
OTHER PRODUCTION CHARGES		
77 OTHER PRODUCTION CHARGES.....	1,252,824	1,198,924
-----		
TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES....	1,670,828	1,617,263
CLASSIFIED PROGRAMS.....	16,952	16,952
-----		
TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE.....	13,922,917	14,253,623
=====		

57D

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
[in thousands of dollars]

P-1	Budget Request	Final Bill
<b>1 F-35</b>	<b>4,401,894</b>	<b>4,602,894</b>
Program increase - five aircraft		495,000
Program efficiencies		-96,000
Prior year carryover		-198,000
<b>3 KC-46</b>	<b>2,884,591</b>	<b>2,567,191</b>
Program excess		-167,200
Air Force requested transfer to line 61 for initial spares		-150,200
<b>4 C-130J</b>	<b>145,655</b>	<b>305,655</b>
Program increase - two additional aircraft for Air National Guard		160,000
<b>8 MC-130J</b>	<b>548,358</b>	<b>499,358</b>
Excess due to multiyear savings		-49,000
<b>10 UH-1N REPLACEMENT</b>	<b>18,337</b>	<b>93,337</b>
Program increase		75,000
<b>12 CIVIL AIR PATROL (CAP) AIRCRAFT</b>	<b>2,637</b>	<b>10,337</b>
Program increase		7,700
<b>14 RQ-4</b>	<b>12,966</b>	<b>7,217</b>
Excess other production support		-5,749
<b>15X COMPASS CALL</b>	<b>0</b>	<b>103,000</b>
Program increase		103,000
<b>21 F-15</b>	<b>105,685</b>	<b>145,405</b>
Cost efficiencies		-5,280
Program increase - F-15E AESA radars		45,000
<b>22 F-16</b>	<b>97,331</b>	<b>113,231</b>
Program increase - fully fund AESA radar upgrades		15,900
<b>23 F-22A</b>	<b>163,008</b>	<b>146,008</b>
RAMMP kits unit cost growth		-17,000
<b>24 F-35 MODIFICATIONS</b>	<b>175,811</b>	<b>115,811</b>
Prior year carryover		-60,000
<b>29 C-17A</b>	<b>21,555</b>	<b>17,455</b>
Program management growth		-4,100
<b>30 C-21</b>	<b>5,439</b>	<b>439</b>
Unobligated balances		-5,000
<b>31 C-32</b>	<b>35,235</b>	<b>30,235</b>
Prior year carryover		-5,000
<b>35 T-1</b>	<b>25,073</b>	<b>13,373</b>
Production schedule slip		-11,700
<b>36 T-38</b>	<b>45,090</b>	<b>33,590</b>
Pacer Classic installs ahead of need		-11,500

(57E)

<b>P-1</b>		<b>Budget Request</b>	<b>Final Bill</b>
<b>42</b>	<b>C-130</b>	<b>9,168</b>	<b>106,668</b>
	Program increase - eight-blade propeller upgrade		16,000
	Program increase - electronic propeller control system		13,500
	Program increase - in-flight propeller balancing system		1,500
	Program increase - engine enhancement program		41,500
	Program increase - C-130H modernization		25,000
<b>49</b>	<b>E-8</b>	<b>6,244</b>	<b>25,944</b>
	Program increase - PME-DMS		19,700
<b>54</b>	<b>H-60</b>	<b>91,357</b>	<b>86,357</b>
	Gun replacement		-5,000
<b>59</b>	<b>MQ-9 MODS</b>	<b>141,929</b>	<b>149,929</b>
	Unjustified request		-12,000
	Program increase - wide-area sensors		20,000
<b>61</b>	<b>INITIAL SPARES AND REPAIR PARTS</b>	<b>686,491</b>	<b>834,691</b>
	MQ-9 spares underexecution		-13,000
	Air Force requested transfer from line 3 for KC-46 initial spares		150,200
	Air Force requested transfer from line 62 for initial spares to support C-17 base conversions		11,000
<b>62</b>	<b>AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT</b>	<b>121,935</b>	<b>48,935</b>
	Air Force requested transfer to lines 61 and 66 to support C-17 base conversions		-73,000
<b>66</b>	<b>C-17 POST PRODUCTION SUPPORT</b>	<b>23,559</b>	<b>83,859</b>
	Prior year carryover		-1,700
	Air Force requested transfer from line 62 for peculiar support equipment to support C-17 base conversions		20,000
	Air Force requested transfer from line 62 for common support equipment to support C-17 base conversions		42,000
<b>70</b>	<b>F-16 POST PRODUCTION SUPPORT</b>	<b>15,155</b>	<b>28,190</b>
	Program increase - F-16 mission training center simulators		24,800
	Excess production line shutdown costs		-11,765
<b>77</b>	<b>OTHER PRODUCTION CHARGES</b>	<b>1,252,824</b>	<b>1,198,924</b>
	Prior year carryover for unclassified programs		-34,000
	Transfer to RDTE,AF line 999 for classified programs		-19,900

(57#)

MISSILE PROCUREMENT, AIR FORCE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

Insert 58A-B

~~(INSERT PROJECT LEVEL TABLE)~~

e

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
MISSILE PROCUREMENT, AIR FORCE		
BALLISTIC MISSILES		
MISSILE REPLACEMENT EQUIPMENT - BALLISTIC		
1	MISSILE REPLACEMENT EQ-BALLISTIC.....	70,247 50,247
OTHER MISSILES		
TACTICAL		
2	JOINT AIR-SURFACE STANDOFF MISSILE (JASSM).....	431,645 431,645
3	LONG RANGE ANTI-SHIP MISSILE (LRASMO).....	59,511 59,511
4	SIDEWINDER (AIM-9X).....	127,438 127,438
5	AMRAAM.....	350,144 337,844
6	PREDATOR HELLFIRE MISSILE.....	33,955 33,955
7	SMALL DIAMETER BOMB.....	92,361 92,361
INDUSTRIAL FACILITIES		
8	INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION.....	977 977
-----		
	TOTAL, OTHER MISSILES.....	1,096,031 1,083,731
MODIFICATION OF INSERVICE MISSILES		
CLASS IV		
9	ICBM FUZE MOD.....	17,095 17,095
10	MM III MODIFICATIONS.....	68,692 68,692
11	AGM-65D MAVERICK.....	282 282
13	AIR LAUNCH CRUISE MISSILE.....	21,762 21,762
14	SMALL DIAMETER BOMB.....	15,349 15,349
-----		
	TOTAL, MODIFICATION OF INSERVICE MISSILES.....	123,180 123,180
SPARES AND REPAIR PARTS		
15	INITIAL SPARES/REPAIR PARTS.....	81,607 70,607
SPECIAL PROGRAMS		
30	SPECIAL UPDATE PROGRAMS.....	46,125 46,125
	CLASSIFIED PROGRAMS.....	1,009,431 974,231
-----		
	TOTAL, MISSILE PROCUREMENT, AIR FORCE.....	2,426,621 2,348,121
=====		

58A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

P-1		Budget Request	Final Bill
1	MISSILE REPLACEMENT EQUIPMENT-BALLISTIC TERP program delays	70,247	50,247 -20,000
5	AMRAAM Pricing adjustment	350,144	337,844 -12,300
15	INITIAL SPARES/REPAIR PARTS Unjustified growth	81,607	70,607 -11,000
999	CLASSIFIED PROGRAMS Classified adjustment	1,009,431	974,231 -35,200

58B

SPACE PROCUREMENT, AIR FORCE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

Insert 59A-B

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
SPACE PROCUREMENT, AIR FORCE		
SPACE PROGRAMS		
1	ADVANCED EHF.....	645,569 645,569
2	AF SATELLITE COMM SYSTEM.....	42,375 37,375
3	COUNTERSPACE SYSTEMS.....	26,984 26,984
4	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS.....	88,963 88,963
5	WIDEBAND GAFILLER SATELLITES.....	86,272 48,772
6	GPS III SPACE SEGMENT.....	34,059 34,059
7	GLOBAL POSITIONING (SPACE).....	2,169 2,169
8	SPACEBORNE EQUIP (COMSEC).....	46,708 31,708
9	GLOBAL POSITIONING (SPACE).....	13,171 10,171
10	MILSATCOM.....	41,799 41,799
11	EVOLVED EXPENDABLE LAUNCH VEH INFRASTRUCTURE (SPACE).....	768,586 716,586
12	EVOLVED EXPENDABLE LAUNCH VEH (SPACE).....	737,853 536,853
13	SBIR HIGH (SPACE).....	362,504 357,504
14	NUDET DETECTION SYSTEM SPACE.....	4,395 4,395
15	SPACE MODS SPACE.....	8,642 8,642
16	SPACELIFT RANGE SYSTEM SPACE.....	123,088 121,088
SPARES AND REPAIR PARTS		
17	INITIAL SPARES/REPAIR PARTS.....	22,606 20,606
-----		
TOTAL, SPACE PROCUREMENT, AIR FORCE.....		
	3,055,743	2,733,243
	=====	=====

59A



**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
 [In thousands of dollars]

P-1	Budget Request	Final Bill
<b>2 AIR FORCE SATELLITE CONTROL NETWORK</b> Unjustified request	<b>42,375</b>	<b>37,375</b> -5,000
<b>5 WIDEBAND GAPFILLER SATELLITES</b> Prior year carryover COMSATCOM Pathfinder 3 - transfer to RDTE,AF line 82	<b>86,272</b>	<b>48,772</b> -7,500 -30,000
<b>8 SPACEBORNE EQUIPMENT</b> Unjustified request	<b>46,708</b>	<b>31,708</b> -15,000
<b>9 GLOBAL POSITIONING SATELLITES SPACE AND CONTROL</b> Unjustified support services and launch and checkout growth	<b>13,171</b>	<b>10,171</b> -3,000
<b>11 EVOLVED EXPENDABLE LAUNCH CAPABILITY</b> Change to acquisition strategy	<b>768,586</b>	<b>716,586</b> -52,000
<b>12 EVOLVED EXPENDABLE LAUNCH VEHICLE</b> Change to acquisition strategy	<b>737,853</b>	<b>536,853</b> -201,000
<b>13 SPACE BASED INFRARED SYSTEMS</b> Prior year carryover	<b>362,504</b>	<b>357,504</b> -5,000
<b>16 SPACELIFT RANGE SYSTEM</b> Unjustified request	<b>123,088</b>	<b>121,088</b> -2,000
<b>17 SPARE AND REPAIR PARTS</b> Unjustified request	<b>22,606</b>	<b>20,606</b> -2,000

59B

PROCUREMENT OF AMMUNITION, AIR FORCE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 60A-B

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
PROCUREMENT OF AMMUNITION, AIR FORCE		
PROCUREMENT OF AMMO, AIR FORCE		
1	ROCKETS.....	18,734 18,734
2	CARTRIDGES.....	220,237 224,237
BOMBS		
3	PRACTICE BOMBS.....	97,106 97,106
4	GENERAL PURPOSE BOMBS.....	581,561 501,561
5	MASSIVE ORDNANCE PENETRATOR (MOP).....	3,600 3,600
6	JOINT DIRECT ATTACK MUNITION.....	303,988 291,488
FLARE, IR MJU-7B		
7	CAD/PAD.....	38,890 38,890
8	EXPLOSIVE ORDNANCE DISPOSAL (EOD).....	5,714 5,714
9	SPARES AND REPAIR PARTS.....	740 740
10	MODIFICATIONS.....	573 573
11	ITEMS LESS THAN \$5,000,000.....	5,156 5,156
FUZES		
12	FLARES.....	134,709 134,709
13	FUZES.....	229,252 229,252
-----		
	TOTAL, PROCUREMENT OF AMMO, AIR FORCE.....	1,640,260 1,551,760
WEAPONS		
14	SMALL ARMS.....	37,459 37,459
-----		
	TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE.....	1,677,719 1,589,219
=====		

60A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

P-1		Budget Request	Final bill
2	<b>CARTRIDGES</b>	220,237	224,237
	PGU-48 unit cost		-2,000
	Program increase - PGU-27		6,000
4	<b>GENERAL PURPOSE BOMBS</b>	581,561	501,561
	BLU-134 ahead of need		-80,000
6	<b>JOINT DIRECT ATTACK MUNITION (JDAM)</b>	303,988	291,488
	Unit cost pricing adjustment		-12,500

(60B)

OTHER PROCUREMENT, AIR FORCE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 61A-D

~~(INSERT PROJECT LEVEL TABLE)~~

e

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
OTHER PROCUREMENT, AIR FORCE		
VEHICULAR EQUIPMENT		
PASSENGER CARRYING VEHICLES		
1 PASSENGER CARRYING VEHICLE.....	14,437	11,437
CARGO + UTILITY VEHICLES		
2 FAMILY MEDIUM TACTICAL VEHICLE.....	24,812	16,812
3 CAP VEHICLES.....	984	1,684
4 ITEMS LESS THAN \$5M (CARGO).....	11,191	7,191
SPECIAL PURPOSE VEHICLES		
5 SECURITY AND TACTICAL VEHICLES.....	5,361	5,361
6 ITEMS LESS THAN \$5M (SPECIAL).....	4,623	4,623
FIRE FIGHTING EQUIPMENT		
7 FIRE FIGHTING/CRASH RESCUE VEHICLES.....	12,451	12,451
MATERIALS HANDLING EQUIPMENT		
8 ITEMS LESS THAN \$5,000,000.....	18,114	18,114
BASE MAINTENANCE SUPPORT		
9 RUNWAY SNOW REMOVAL & CLEANING EQUIP.....	2,310	2,310
10 ITEMS LESS THAN \$5M.....	46,868	46,868
-----		
TOTAL, VEHICULAR EQUIPMENT.....	141,151	126,851
ELECTRONICS AND TELECOMMUNICATIONS EQUIP		
COMM SECURITY EQUIPMENT (COMSEC)		
12 COMSEC EQUIPMENT.....	72,359	81,859
INTELLIGENCE PROGRAMS		
14 INTELLIGENCE TRAINING EQUIPMENT.....	6,982	6,982
15 INTELLIGENCE COMM EQUIP.....	30,504	30,504
ELECTRONICS PROGRAMS		
16 TRAFFIC CONTROL/LANDING.....	55,803	49,403
17 NATIONAL AIRSPACE SYSTEM.....	2,673	2,673
18 BATTLE CONTROL SYSTEM - FIXED.....	5,677	5,677
19 THEATER AIR CONTROL SYS IMPRO.....	1,163	1,163
20 WEATHER OBSERVATION FORECAST.....	21,667	21,667
21 STRATEGIC COMMAND AND CONTROL.....	39,803	39,803
22 CHEYENNE MOUNTAIN COMPLEX.....	24,618	24,618
23 MISSION PLANNING SYSTEMS.....	15,868	15,868
25 INTEGRATED STRAT PLAN AND ANALY NETWORK (ISPAN).....	9,331	9,331

GIA

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
SPECIAL COMM-ELECTRONICS PROJECTS		
26 GENERAL INFORMATION TECHNOLOGY.....	41,779	50,679
27 AF GLOBAL COMMAND & CONTROL SYSTEM.....	15,729	15,729
28 MOBILITY COMMAND AND CONTROL.....	9,814	9,814
29 AIR FORCE PHYSICAL SECURITY SYSTEM.....	99,460	99,460
30 COMBAT TRAINING RANGES.....	34,850	34,850
31 MINIMUM ESSENTIAL EMERGENCY COMM N.....	198,925	198,925
32 WIDE AREA SURVEILLANCE (WAS).....	6,943	6,943
33 C3 COUNTERMEASURES.....	19,580	14,580
34 GCSS-AF FOS.....	1,743	1,743
36 THEATER BATTLE MGT C2 SYS.....	9,659	9,659
37 AIR AND SPACE OPERATIONS CTR-WPN SYSTEM.....	15,474	15,474
38 AIR OPERATIONS CENTER (AOC).....	30,623	8,180
AIR FORCE COMMUNICATIONS		
39 INFORMATION TRANSPORT SYSTEMS.....	40,043	40,043
40 AFNET.....	146,897	131,897
41 JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE).....	5,182	5,182
42 USCENTCOM.....	13,418	13,418

(61B)

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
ORGANIZATION AND BASE		
52 TACTICAL C-E EQUIPMENT.....	109,836	109,836
53 RADIO EQUIPMENT.....	16,266	16,266
54 CCTV/AUDIOVISUAL EQUIPMENT.....	7,449	7,449
55 BASE COMM INFRASTRUCTURE.....	109,215	88,215
MODIFICATIONS		
56 COMM ELECT MODS.....	65,700	65,700
TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP.....	1,285,033	1,233,590
OTHER BASE MAINTENANCE AND SUPPORT EQUIP		
PERSONAL SAFETY AND RESCUE EQUIP		
58 ITEMS LESS THAN \$5,000,000 (SAFETY).....	54,416	46,416
DEPOT PLANT + MATERIALS HANDLING EQ		
59 MECHANIZED MATERIAL HANDLING.....	7,344	7,344
BASE SUPPORT EQUIPMENT		
60 BASE PROCURED EQUIPMENT.....	6,852	6,852
63 MOBILITY EQUIPMENT.....	8,146	23,146
64 ITEMS LESS THAN \$5M (BASE SUPPORT).....	28,427	28,427
SPECIAL SUPPORT PROJECTS		
66 DARP RC135.....	25,287	25,287
67 DISTRIBUTED GROUND SYSTEMS.....	169,201	169,201
69 SPECIAL UPDATE PROGRAM.....	576,710	576,710
TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP.....	876,383	883,383
SPARE AND REPAIR PARTS		
72 SPARES AND REPAIR PARTS.....	15,784	15,784
CLASSIFIED PROGRAMS.....	15,119,705	15,508,616
TOTAL, OTHER PROCUREMENT, AIR FORCE.....	17,438,056	17,768,224

(610)



**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

P-1	Budget Request	Final bill
<b>1 PASSENGER CARRYING VEHICLES</b>	<b>14,437</b>	<b>11,437</b>
Unjustified growth		-3,000
<b>2 MEDIUM TACTICAL VEHICLES</b>	<b>24,812</b>	<b>16,812</b>
Unobligated balances		-8,000
<b>3 CIVIL AIR PATROL VEHICLES</b>	<b>984</b>	<b>1,684</b>
Program increase		700
<b>4 ITEMS LESS THAN \$5 MILLION (CARGO/UTILITY)</b>	<b>11,191</b>	<b>7,191</b>
Unjustified growth		-4,000
<b>12 COMSEC EQUIPMENT</b>	<b>72,359</b>	<b>81,859</b>
Program increase - cybersecurity upgrades		9,500
<b>16 AIR TRAFFIC CONTROL &amp; LANDING SYSTEMS</b>	<b>55,803</b>	<b>49,403</b>
RAPCON schedule slip		-6,400
<b>26 GENERAL INFORMATION TECHNOLOGY</b>	<b>41,779</b>	<b>50,679</b>
Program increase - cybersecurity training		8,900
<b>33 C3 COUNTERMEASURES</b>	<b>19,580</b>	<b>14,580</b>
Unjustified increase		-5,000
<b>38 AOC 10.2</b>	<b>30,623</b>	<b>8,180</b>
Fielding		-22,443
<b>40 AFNET</b>	<b>146,897</b>	<b>131,897</b>
Unobligated balances		-15,000
<b>55 BASE COMM INFRASTRUCTURE</b>	<b>109,215</b>	<b>88,215</b>
Unobligated balances		-21,000
<b>58 ITEMS LESS THAN \$5 MILLION (SAFETY &amp; RESCUE)</b>	<b>54,416</b>	<b>46,416</b>
LSS program delays		-8,000
<b>63 MOBILITY EQUIPMENT</b>	<b>8,146</b>	<b>23,146</b>
Program increase		10,000
Program increase - other base maintenance and support equipment		5,000
<b>999 CLASSIFIED PROGRAMS</b>	<b>15,119,705</b>	<b>15,508,616</b>
Classified adjustment		388,911

61D

PROCUREMENT, DEFENSE-WIDE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 62A-D

~~(INSERT PROJECT-LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
PROCUREMENT, DEFENSE-WIDE		
MAJOR EQUIPMENT		
MAJOR EQUIPMENT, DCAA		
1 MAJOR EQUIPMENT ITEMS LESS THAN \$5M.....	2,964	2,964
MAJOR EQUIPMENT, DCMA		
2 MAJOR EQUIPMENT.....	92	---
MAJOR EQUIPMENT, DHRA		
3 PERSONNEL ADMINISTRATION.....	14,232	14,232
MAJOR EQUIPMENT, DISA		
6 INFORMATION SYSTEMS SECURITY.....	21,347	21,347
7 TELEPORT PROGRAM.....	50,597	50,597
8 ITEMS LESS THAN \$5M.....	10,420	10,420
9 NET CENTRIC ENTERPRISE SERVICES (NCES).....	1,634	1,634
10 DEFENSE INFORMATION SYSTEMS NETWORK.....	87,235	87,235
11 CYBER SECURITY INITIATIVE.....	4,528	4,528
12 WHITE HOUSE COMMUNICATION AGENCY.....	36,846	36,846
13 SENIOR LEADERSHIP ENTERPRISE.....	599,391	599,391
15 JOINT REGIONAL SECURITY STOCKS (JRSS).....	150,221	150,221
MAJOR EQUIPMENT, DLA		
17 MAJOR EQUIPMENT.....	2,055	2,055
MAJOR EQUIPMENT, DMACT		
18 A - WEAPON SYSTEM COST.....	8,060	8,060
MAJOR EQUIPMENT, DODEA		
19 AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS.....	288	288
20 MAJOR EQUIPMENT.....	1,057	1,057
MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY		
21 VEHICLES.....	200	200
22 OTHER MAJOR EQUIPMENT.....	6,437	6,437

62A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
23 MAJOR EQUIPMENT, MDA THAAD SYSTEM.....	389,608	415,504
24 AEGIS BMD.....	463,801	513,801
25 BMDS AN/TPY-2 RADARS.....	5,503	5,503
26 ARROW WEAPON SYSTEM.....	---	120,000
27 DAVID'S SLING WEAPON SYSTEM.....	---	150,000
28 AEGIS ASHORE PHASE III.....	57,493	57,493
29 IRON DOME SYSTEM.....	42,000	62,000
30 AEGIS BMD HARDWARE AND SOFTWARE.....	50,098	50,098
30X REDESIGNED KILL VEHICLE--AP.....	---	50,000
MAJOR EQUIPMENT, NSA		
36 INFORMATION SYSTEMS SECURITY PROGRAM (ISSP).....	4,399	4,399
MAJOR EQUIPMENT, OSD		
37 MAJOR EQUIPMENT, OSD.....	29,211	29,211
MAJOR EQUIPMENT, TJS		
38 MAJOR EQUIPMENT, TJS.....	7,988	7,988
MAJOR EQUIPMENT, WHS		
40 MAJOR EQUIPMENT, WHS.....	24,979	24,979
TOTAL, MAJOR EQUIPMENT.....	2,052,684	2,488,488
SPECIAL OPERATIONS COMMAND AVIATION PROGRAMS		
42 SOF ROTARY WING UPGRADES AND SUSTAINMENT.....	150,396	150,396
43 UNMANNED ISR.....	21,190	21,190
45 NON-STANDARD AVIATION.....	4,905	4,905
46 SOF U-28.....	3,970	3,970
47 MH-47 CHINOOK.....	25,022	25,022
49 CV-22 SOF MODIFICATION.....	19,008	19,008
51 MQ-9 UNMANNED AERIAL VEHICLE.....	10,598	10,598
53 PRECISION STRIKE PACKAGE.....	213,122	213,122
54 AC/MC-130J.....	73,548	60,498
55 C-130 MODIFICATIONS.....	32,970	41,020

62B

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
SHIPBUILDING		
56 UNDERWATER SYSTEMS.....	37,098	37,098
AMMUNITION PROGRAMS		
57 SOF ORDNANCE ITEMS UNDER \$5,000,000.....	105,267	105,267
OTHER PROCUREMENT PROGRAMS		
58 SOF INTELLIGENCE SYSTEMS.....	79,963	79,963
59 DCGS-SOF.....	13,432	13,432
60 OTHER ITEMS UNDER \$5,000,000.....	66,436	66,436
61 SOF COMBATANT CRAFT SYSTEMS.....	55,820	55,820
62 SPECIAL PROGRAMS.....	107,432	107,432
63 TACTICAL VEHICLES.....	67,849	67,849
64 WARRIOR SYSTEMS UNDER \$5,000,000.....	245,781	245,781
65 COMBAT MISSION REQUIREMENTS.....	19,566	19,566
66 SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES.....	3,437	3,437
67 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE.....	17,299	17,299
69 SOF OPERATIONAL ENHANCEMENTS.....	219,945	180,245
TOTAL, SPECIAL OPERATIONS COMMAND.....	1,594,054	1,549,354
CHEMICAL/BIOLOGICAL DEFENSE		
70 CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS.....	148,203	148,203
71 CB PROTECTION AND HAZARD MITIGATION.....	161,113	161,113
TOTAL, CHEMICAL/BIOLOGICAL DEFENSE.....	309,316	309,316
CLASSIFIED PROGRAMS.....	568,864	533,864
TOTAL, PROCUREMENT, DEFENSE-WIDE.....	4,524,918	4,881,022
	=====	=====

62C

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

P-1	Budget Request	Final Bill
<b>2 MAJOR EQUIPMENT</b>	<b>92</b>	<b>0</b>
Ahead of need		-92
<b>23 THAAD SYSTEM</b>	<b>369,608</b>	<b>415,504</b>
Training previously funded		-4,104
Program increase - obsolescence upgrades		50,000
<b>24 AEGIS BMD</b>	<b>463,801</b>	<b>513,801</b>
Program increase - obsolescence upgrades		50,000
<b>26 ARROW WEAPON SYSTEM</b>	<b>0</b>	<b>120,000</b>
Program increase for co-production		120,000
<b>27 DAVID'S SLING WEAPON SYSTEM</b>	<b>0</b>	<b>150,000</b>
Program increase for co-production		150,000
<b>29 IRON DOME SYSTEM</b>	<b>42,000</b>	<b>62,000</b>
Program increase for co-production		20,000
<b>30X REDESIGNED KILL VEHICLE (AP)</b>	<b>0</b>	<b>50,000</b>
Program increase - RKV long lead materials only		50,000
<b>54 AC/MC-130J</b>	<b>73,548</b>	<b>60,498</b>
Precision Strike Package - SOCOM requested transfer to line 55		-13,050
<b>55 C-130 MODIFICATIONS</b>	<b>32,970</b>	<b>41,020</b>
Precision Strike Package - SOCOM requested transfer from line 54		13,050
Program delays		-5,000
<b>64 SOF WARRIOR SYSTEMS UNDER \$5M</b>	<b>245,781</b>	<b>245,781</b>
SCAMPI - level funding profile		-4,000
Program increase - weapons accessories		4,000
<b>69 SOF OPERATIONAL ENHANCEMENTS</b>	<b>219,945</b>	<b>180,245</b>
Classified adjustment		-44,700
Program increase - rotary wing ammunition		5,000
<b>999 CLASSIFIED PROGRAMS</b>	<b>568,864</b>	<b>533,864</b>
Classified adjustment		-35,000

620

## DEFENSE PRODUCTION ACT PURCHASES

The agreement on items addressed by either the House or the Senate is as follows:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
<b>DEFENSE PRODUCTION ACT PURCHASES</b>	<b>44,065</b>	<b>64,065</b>
Program increase		20,000
<b>TOTAL, DEFENSE PRODUCTION ACT PURCHASES</b>	<b>44,065</b>	<b>64,065</b>

## TITLE IV - RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The agreement provides \$72,301,587,000 in Title IV, Research, Development, Test and Evaluation. The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT RDTE SUMMARY TABLE)~~

insert b1A



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
RECAPITULATION		
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY.....	7,515,399	8,332,965
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY.....	17,276,301	17,214,530
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE.	28,112,251	27,788,548
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE.....	18,308,826	18,778,550
OPERATIONAL TEST AND EVALUATION, DEFENSE.....	178,994	186,994
GRAND TOTAL, RDT&E.....	71,391,771	72,301,587
	=====	=====

64A

## REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Secretary of Defense is directed 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 Under Secretary of Defense (Comptroller) is directed 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 statement.

## FUNDING INCREASES

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 the explanatory statement 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 explanatory statement.

### JOINT STRIKE FIGHTER FOLLOW-ON MODERNIZATION

The Joint Strike Fighter Program Executive Officer is directed to comply with the reporting requirement included under the heading “Joint Strike Fighter Follow-on Modernization” in Senate Report 114-263. The Secretary of Defense is not required to comply with the reporting requirement included under the heading “Joint Strike Fighter Follow-on Development” in House Report 114-577.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

Insert 67A-M

~~(INSERT PROJECT LEVEL TABLE)~~

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY		
1	BASIC RESEARCH	
	IN-HOUSE LABORATORY INDEPENDENT RESEARCH.....	12,381 12,381
2	DEFENSE RESEARCH SCIENCES.....	253,116 293,116
3	UNIVERSITY RESEARCH INITIATIVES.....	69,166 69,166
4	UNIVERSITY AND INDUSTRY RESEARCH CENTERS.....	94,280 112,280
	TOTAL, BASIC RESEARCH.....	428,943 486,943
5	APPLIED RESEARCH	
	MATERIALS TECHNOLOGY.....	31,533 82,533
6	SENSORS AND ELECTRONIC SURVIVABILITY.....	36,109 51,109
7	TRACTOR HIP.....	6,995 6,995
8	AVIATION TECHNOLOGY.....	65,914 69,914
9	ELECTRONIC WARFARE TECHNOLOGY.....	25,466 35,466
10	MISSILE TECHNOLOGY.....	44,313 67,813
11	ADVANCED WEAPONS TECHNOLOGY.....	28,803 53,803
12	ADVANCED CONCEPTS AND SIMULATION.....	27,688 30,688
13	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY.....	67,959 92,959
14	BALLISTICS TECHNOLOGY.....	85,436 105,436
15	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY....	3,923 3,923
16	JOINT SERVICE SMALL ARMS PROGRAM.....	5,545 5,545
17	WEAPONS AND MUNITIONS TECHNOLOGY.....	53,581 120,081
18	ELECTRONICS AND ELECTRONIC DEVICES.....	56,322 74,322
19	NIGHT VISION TECHNOLOGY.....	36,079 36,079
20	COUNTERMINE SYSTEMS.....	26,497 30,497
21	HUMAN FACTORS ENGINEERING TECHNOLOGY.....	23,671 23,671
22	ENVIRONMENTAL QUALITY TECHNOLOGY.....	22,151 30,151
23	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY.....	37,803 37,803
24	COMPUTER AND SOFTWARE TECHNOLOGY.....	13,811 13,811
25	MILITARY ENGINEERING TECHNOLOGY.....	67,416 82,416
26	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY.....	26,045 26,045

67A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
27	WARFIGHTER TECHNOLOGY.....	37,403 60,103
28	MEDICAL TECHNOLOGY.....	77,111 79,111
	TOTAL, APPLIED RESEARCH.....	907,574 1,220,274
ADVANCED TECHNOLOGY DEVELOPMENT		
29	WARFIGHTER ADVANCED TECHNOLOGY.....	38,831 51,331
30	MEDICAL ADVANCED TECHNOLOGY.....	68,365 107,365
31	AVIATION ADVANCED TECHNOLOGY.....	94,280 112,280
32	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY.....	68,714 192,714
33	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY.....	122,132 168,132
34	SPACE APPLICATION ADVANCED TECHNOLOGY.....	3,904 3,904
35	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY..	14,417 14,417
37	TRACTOR HIKE.....	8,074 8,074
38	NEXT GENERATION TRAINING & SIMULATION SYSTEMS.....	18,969 18,969
39	TRACTOR ROSE.....	11,910 11,910
40	COMBATING TERRORISM, TECHNOLOGY DEVELOPMENT.....	27,686 35,686
41	TRACTOR NAIL.....	2,340 2,340
42	TRACTOR EGGS.....	2,470 2,470
43	ELECTRONIC WARFARE TECHNOLOGY.....	27,893 41,893
44	MISSILE AND ROCKET ADVANCED TECHNOLOGY.....	52,190 115,690
45	TRACTOR CAGE.....	11,107 11,107
46	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM.....	177,190 222,190
47	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY.....	17,451 17,451
48	JOINT SERVICE SMALL ARMS PROGRAM.....	5,839 5,839
49	NIGHT VISION ADVANCED TECHNOLOGY.....	44,468 44,468
50	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS.....	11,137 21,137
51	MILITARY ENGINEERING ADVANCED TECHNOLOGY.....	20,684 58,684
52	ADVANCED TACTICAL COMPUTER SCIENCE & SENSOR TECHNOLOGY	44,239 54,239
53	COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY..	35,775 37,775
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	930,065 1,360,065

(67B)

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
54 DEMONSTRATION & VALIDATION		
ARMY MISSILE DEFENSE SYSTEMS INTEGRATION.....	9,433	47,433
55 ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (SPACE).....	23,056	23,056
56 LANDMINE WARFARE AND BARRIER - ADV DEV.....	72,117	72,117
57 SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV.....	28,244	28,244
58 TANK AND MEDIUM CALIBER AMMUNITION.....	40,096	48,096
59 SOLDIER SUPPORT AND SURVIVABILITY.....	10,506	14,006
60 TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - AD.....	15,730	15,730
61 NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT.....	10,321	10,321
62 ENVIRONMENTAL QUALITY TECHNOLOGY.....	7,785	7,785
63 NATO RESEARCH AND DEVELOPMENT.....	2,300	2,300
64 AVIATION - ADV DEV.....	10,014	10,014
65 LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV.....	20,834	18,126
66 MEDICAL SYSTEMS - ADV DEV.....	33,503	41,003
67 SOLDIER SYSTEMS - ADVANCED DEVELOPMENT.....	31,120	54,120
68 ANALYSIS OF ALTERNATIVES.....	6,608	6,608
69 LOWER TIER AIR MISSILE DEFENSE (LTAMID) SENSOR.....	35,132	35,132
70 TECHNOLOGY MATURATION INITIATIVES.....	70,047	60,047
71 ASSURED POSITIONING, NAVIGATION AND TIMING (PNT).....	83,279	83,279
73 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT.....	40,510	30,510
TOTAL, DEMONSTRATION & VALIDATION.....	550,635	607,927

(67C)

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
74	ENGINEERING & MANUFACTURING DEVELOPMENT AIRCRAFT AVIONICS.....	83,248 62,248
75	ELECTRONIC WARFARE DEVELOPMENT.....	34,642 34,642
77	MID-TIER NETWORKING VEHICULAR RADIO.....	12,172 12,172
78	ALL SOURCE ANALYSIS SYSTEM.....	3,958 11,958
79	TRACTOR CAGE.....	12,525 12,525
80	INFANTRY SUPPORT WEAPONS.....	66,943 67,503
82	JAVELIN.....	20,011 20,011
83	FAMILY OF HEAVY TACTICAL VEHICLES.....	11,429 11,429
84	AIR TRAFFIC CONTROL.....	3,421 3,421
85	TACTICAL UNMANNED GROUND VEHICLE.....	39,282 33,532
86	LIGHT TACTICAL WHEELED VEHICLES.....	494 494
87	ARMORED SYSTEMS MODERNIZATION (ASM) - ENG DEV.....	9,678 9,678
88	NIGHT VISION SYSTEMS - SDD.....	84,519 79,519
89	COMBAT FEEDING, CLOTHING, AND EQUIPMENT.....	2,054 2,054
90	NON-SYSTEM TRAINING DEVICES - SDD.....	30,774 29,801
91	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -SDD....	53,332 58,332
92	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT.....	17,887 17,887
93	AUTOMATIC TEST EQUIPMENT DEVELOPMENT.....	8,813 8,813
94	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - SDD.....	10,487 10,487
95	COMBINED ARMS TACTICAL TRAINER (CATT) CORE.....	15,068 15,068
96	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION.....	89,716 89,716
97	WEAPONS AND MUNITIONS - SDD.....	80,365 80,365
98	LOGISTICS AND ENGINEER EQUIPMENT - SDD.....	75,098 78,860
99	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - SDD.....	4,245 4,245
100	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT.	41,124 41,124
101	LANDMINE WARFARE/BARRIER - SDD.....	39,630 33,354
102	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE...	205,590 203,274
103	RADAR DEVELOPMENT.....	15,983 15,983
104	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS).....	6,805 6,805
105	FIREFINDER.....	9,235 6,425
106	SOLDIER SYSTEMS - WARRIOR DEM/VAL.....	12,393 12,393

67D



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
107 ARTILLERY SYSTEMS.....	1,756	1,756
108 INFORMATION TECHNOLOGY DEVELOPMENT.....	74,236	73,732
109 ARMY INTEGRATED MILITARY HUMAN RESOURCES SYSTEM (A-IMH)	155,584	155,584
110 ARMORED MULTI-PURPOSE VEHICLE.....	184,221	184,221
111 INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C).....	4,980	4,980
112 JOINT TACTICAL NETWORK CENTER (JTNC).....	15,041	15,041
113 JOINT TACTICAL NETWORK (JTN).....	16,014	16,014
114 TRACTOR TIRE.....	27,254	27,254
115 GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM - EXPEDITIONARY (GBOSS-E).....	5,032	5,032
116 TACTICAL SECURITY SYSTEM (TSS).....	2,904	2,904
117 COMMON INFRARED COUNTERMEASURES (CIRCH).....	96,977	82,977
118 COMBATING WEAPONS OF MASS DESTRUCTION (CWMD).....	2,089	2,089
119 DEFENSIVE CYBER TOOL DEVELOPMENT.....	33,836	33,836
120 TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER).....	18,824	14,765
121 CONTRACT WRITING SYSTEM.....	20,663	20,663
122 AIRCRAFT SURVIVABILITY DEVELOPMENT.....	41,133	34,133
123 INDIRECT FIRE PROTECTION CAPABILITY INC 2 - BLOCK 1...	83,995	83,995
125 AMF JOINT TACTICAL RADIO SYSTEM.....	5,028	5,028
126 JOINT AIR-TO-GROUND MISSILE (JAGM).....	42,972	48,972
128 ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD).....	252,811	282,811
131 NATIONAL CAPABILITIES INTEGRATION.....	4,955	4,955
132 JOINT LIGHT TACTICAL VEHICLE ENG AND MANUFACTURING....	11,530	11,530
133 AVIATION GROUND SUPPORT EQUIPMENT.....	2,142	2,142
134 PALADIN INTEGRATED MANAGEMENT (PIM).....	41,498	41,498
135 TROJAN - RH12.....	4,273	4,273
136 ELECTRONIC WARFARE DEVELOPMENT.....	14,425	14,425
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	2,265,094	2,248,728

67E

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
137 RDT&E MANAGEMENT SUPPORT THREAT SIMULATOR DEVELOPMENT.....	25,675	29,675
138 TARGET SYSTEMS DEVELOPMENT.....	19,122	19,122
139 MAJOR T&E INVESTMENT.....	84,777	96,777
140 RAND ARROYO CENTER.....	20,658	20,658
141 ARMY KWAJALEIN ATOLL.....	236,648	227,451
142 CONCEPTS EXPERIMENTATION PROGRAM.....	25,596	25,596
144 ARMY TEST RANGES AND FACILITIES.....	293,748	293,748
145 ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS.....	52,404	72,404
146 SURVIVABILITY/LETHALITY ANALYSIS.....	38,571	38,571
147 AIRCRAFT CERTIFICATION.....	4,665	4,665
148 METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES.....	6,925	6,925
149 MATERIEL SYSTEMS ANALYSIS.....	21,677	21,677
150 EXPLOITATION OF FOREIGN ITEMS.....	12,415	12,415
151 SUPPORT OF OPERATIONAL TESTING.....	49,684	49,684
152 ARMY EVALUATION CENTER.....	55,905	55,905
153 ARMY MODELING AND SIMULATION X-CMD COLLABORATION AND INTEG.....	7,959	7,959
154 PROGRAMWIDE ACTIVITIES.....	51,822	51,822
155 TECHNICAL INFORMATION ACTIVITIES.....	33,323	33,323
156 MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY...	40,545	65,545
157 ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT.....	2,130	2,130
158 MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)....	49,885	49,885
159 DEFENSE MILITARY DECEPTION INITIATIVE.....	2,000	2,000
TOTAL, RDT&E MANAGEMENT SUPPORT.....	1,136,134	1,187,937

67F

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
161 OPERATIONAL SYSTEMS DEVELOPMENT MLRS PRODUCT IMPROVEMENT PROGRAM.....	9,663	9,663
162 TRACTOR PULL.....	3,960	3,960
163 ANTI-TAMPER TECHNOLOGY SUPPORT.....	3,638	3,638
164 WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS....	14,517	14,517
165 TRACTOR SMOKE.....	4,479	4,479
166 LONG RANGE PRECISION FIRES (LRPF).....	39,275	37,775
167 APACHE PRODUCT IMPROVEMENT PROGRAM.....	66,441	64,441
168 BLACKHAWK RECAP/MODERNIZATION.....	46,765	46,765
169 CHINOOK HELICOPTER PRODUCT IMPROVEMENT PROGRAM.....	91,848	91,848
170 FIXED WING AIRCRAFT.....	796	796
171 IMPROVED TURBINE ENGINE PROGRAM.....	126,105	116,105
172 EMERGING TECHNOLOGIES FROM NIE.....	2,369	2,369
173 LOGISTICS AUTOMATION.....	4,563	1,736
174 FAMILY OF BIOMETRICS.....	12,098	12,098
175 PATRIOT PRODUCT IMPROVEMENT.....	49,482	49,482
176 AEROSTAT JOINT PROJECT OFFICE.....	45,482	6,400
178 JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM....	30,455	30,455
179 COMBAT VEHICLE IMPROVEMENT PROGRAMS.....	316,857	304,031
180 MANEUVER CONTROL SYSTEM.....	4,031	4,031
181 AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS...	35,793	33,693
182 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.....	259	259
183 DIGITIZATION.....	6,483	6,483
184 MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM.....	5,122	5,122
185 OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS.....	7,491	7,491
186 TRACTOR CARD.....	20,333	20,333
188 MATERIALS HANDLING EQUIPMENT.....	124	124
190 LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM.....	69,417	63,889
191 GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GHLRS).....	22,044	22,044

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
192 JOINT TACTICAL GROUND SYSTEM.....	12,649	12,649
194 SECURITY AND INTELLIGENCE ACTIVITIES.....	11,619	11,619
195 INFORMATION SYSTEMS SECURITY PROGRAM.....	38,280	38,280
196 GLOBAL COMBAT SUPPORT SYSTEM.....	27,223	27,223
197 SATCOM GROUND ENVIRONMENT (SPACE).....	18,815	18,815
198 WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM.....	4,718	4,718
202 TACTICAL UNMANNED AERIAL VEHICLES.....	8,218	8,218
203 AIRBORNE RECONNAISSANCE SYSTEMS.....	11,799	11,799
204 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	32,284	32,284
205 MQ-1 SKY WARRIOR A UAV (MQ-1C GRAY EAGLE UAS).....	13,470	13,470
206 RQ-11 UAV.....	1,613	1,613
207 RQ-7 UAV.....	4,597	4,597
209 WIN-T INCREMENT 2 - INITIAL NETWORKING.....	4,867	4,867
210 END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES.....	62,287	62,287
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	740,393	719,939
9999 CLASSIFIED PROGRAMS.....	4,625	4,625
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.....	7,515,399	8,332,965

674

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

R-1	Budget Request	Final Bill
<b>2 DEFENSE RESEARCH SCIENCES</b>	<b>253,116</b>	<b>293,116</b>
Program increase - basic research		40,000
<b>4 UNIVERSITY AND INDUSTRY RESEARCH CENTERS</b>	<b>94,280</b>	<b>112,280</b>
Materials in extreme dynamic environments		5,000
Program increase - basic research		13,000
<b>5 MATERIALS TECHNOLOGY</b>	<b>31,533</b>	<b>82,533</b>
High performance polymers research		20,000
Program increase		31,000
<b>6 SENSORS AND ELECTRONIC SURVIVABILITY</b>	<b>36,109</b>	<b>51,109</b>
Program increase		5,000
Signals detection research		3,000
Space and small satellites technology demonstration		7,000
<b>8 AVIATION TECHNOLOGY</b>	<b>65,914</b>	<b>69,914</b>
Program increase		4,000
<b>9 ELECTRONIC WARFARE TECHNOLOGY</b>	<b>25,466</b>	<b>35,466</b>
Program increase		10,000
<b>10 MISSILE TECHNOLOGY</b>	<b>44,313</b>	<b>67,813</b>
Weapon effectiveness in urban engagement		8,500
Program increase		15,000
<b>11 ADVANCED WEAPONS TECHNOLOGY</b>	<b>28,803</b>	<b>53,803</b>
Program increase		25,000
<b>12 ADVANCED CONCEPTS AND SIMULATION</b>	<b>27,688</b>	<b>30,688</b>
Program increase		3,000
<b>13 COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY</b>	<b>67,959</b>	<b>92,959</b>
Program increase		10,000
Program increase - alternative energy research		15,000
<b>14 BALLISTICS TECHNOLOGY</b>	<b>85,436</b>	<b>105,436</b>
Program increase		20,000
<b>17 WEAPONS AND MUNITIONS TECHNOLOGY</b>	<b>53,581</b>	<b>120,081</b>
Program increase		18,000
High-speed vehicle mounted fire detection technology		5,000
Railgun weapon technology		20,000
Medium caliber lightweight composite barrel technology		5,000
Guided tank fired round development for high mobility targets		8,500
Armament systems concepts		5,000
Hybrid projectile technology		5,000
<b>18 ELECTRONICS AND ELECTRONIC DEVICES</b>	<b>56,322</b>	<b>74,322</b>
Tactical and component power technology		2,000
Payload agnostic unmanned aerial systems		4,000
Silicon carbide research		10,000
Flexible printable electronics		2,000
<b>20 COUNTERMINE SYSTEMS</b>	<b>26,497</b>	<b>30,497</b>
Program increase		4,000

(67I)

<b>R-1</b>		<b>Budget Request</b>	<b>Final Bill</b>
<b>22</b>	<b>ENVIRONMENTAL QUALITY TECHNOLOGY</b> Program increase	<b>22,151</b>	<b>30,151</b> 8,000
<b>25</b>	<b>MILITARY ENGINEERING TECHNOLOGY</b> Program increase	<b>67,416</b>	<b>82,416</b> 15,000
<b>27</b>	<b>WARFIGHTER TECHNOLOGY</b> H98 clothing and equipment Advanced active environmental control technology for expeditionary mobile base Program increase Soldier protection	<b>37,403</b>	<b>60,103</b> 5,000 6,000 10,000 1,700
<b>28</b>	<b>MEDICAL TECHNOLOGY</b> Military operational medical research program	<b>77,111</b>	<b>79,111</b> 2,000
<b>29</b>	<b>WARFIGHTER ADVANCED TECHNOLOGY</b> Program increase	<b>38,831</b>	<b>51,331</b> 12,500
<b>30</b>	<b>MEDICAL ADVANCED TECHNOLOGY</b> Peer-reviewed neurotoxin exposure treatment Parkinson's research Peer-reviewed neurofibromatosis research Peer-reviewed military burn research	<b>68,365</b>	<b>107,365</b> 16,000 15,000 8,000
<b>31</b>	<b>AVIATION ADVANCED TECHNOLOGY</b> Ballistic seating system Future Vertical Lift	<b>94,280</b>	<b>112,280</b> 7,000 11,000
<b>32</b>	<b>WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY</b> Program increase Weapons mounts Accelerate extended range cannon artillery Laser defense system for small UAS Weapon effectiveness in urban engagement Armament systems integration High energy laser research	<b>68,714</b>	<b>192,714</b> 42,000 2,500 21,000 15,000 8,500 5,000 30,000
<b>33</b>	<b>COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY</b> Combat vehicle weight reduction initiative Advanced water harvesting technology Program increase	<b>122,132</b>	<b>168,132</b> 10,000 6,000 30,000
<b>40</b>	<b>COMBATING TERRORISM, TECHNOLOGY DEVELOPMENT</b> Force protection radar development	<b>27,686</b>	<b>35,686</b> 8,000
<b>43</b>	<b>ELECTRONIC WARFARE TECHNOLOGY</b> Program increase	<b>27,893</b>	<b>41,893</b> 14,000
<b>44</b>	<b>MISSILE AND ROCKET ADVANCED TECHNOLOGY</b> Cybersecurity and supply chain risk management research GPS-guided weapon performance improvement Next generation close combat missile Armament systems concepts Armament systems integration Program increase	<b>52,190</b>	<b>115,690</b> 10,000 5,000 8,500 5,000 5,000 30,000
<b>46</b>	<b>HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM</b> Program increase	<b>177,190</b>	<b>222,190</b> 45,000

R-1		Budget Request	Final Bill
50	<b>ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS</b> Program increase	11,137	21,137 10,000
51	<b>MILITARY ENGINEERING ADVANCED TECHNOLOGY</b> Secure management of energy generation and storage Program increase Installation energy efficiency enhancements	20,684	58,684 3,000 30,000 5,000
52	<b>ADVANCED TACTICAL COMPUTER SCIENCE &amp; SENSOR TECHNOLOGY</b> Program increase	44,239	54,239 10,000
53	<b>COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY</b> Program increase	35,775	37,775 2,000
54	<b>ARMY MISSILE DEFENSE SYSTEMS INTEGRATION</b> High power microwave analysis and radio frequency platform protection Program increase High energy laser research	9,433	47,433 5,000 25,000 8,000
58	<b>TANK AND MEDIUM CALIBER AMMUNITION</b> Stryker 30mm programmable air burst ammunition	40,096	48,096 8,000
59	<b>SOLDIER SUPPORT AND SURVIVABILITY</b> Program increase	10,506	14,006 3,500
65	<b>LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV</b> Prior year carryover	20,834	18,126 -2,708
66	<b>MEDICAL SYSTEMS - ADV DEV</b> Program increase	33,503	41,003 7,500
67	<b>SOLDIER SYSTEMS - ADVANCED DEVELOPMENT</b> Enhanced lightweight body armor	31,120	54,120 23,000
70	<b>TECHNOLOGY MATURATION INITIATIVES</b> Ground vehicle prototyping excess growth	70,047	60,047 -10,000
73	<b>CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT</b> Lack of validated requirements	40,510	30,510 -10,000
74	<b>AIRCRAFT AVIONICS</b> Excess DVE product development funding	83,248	62,248 -21,000
78	<b>ALL SOURCE ANALYSIS SYSTEM</b> Program increase	3,958	11,958 8,000
80	<b>INFANTRY SUPPORT WEAPONS</b> Cannon life extension Program increase Modular handgun system delay	66,943	67,503 1,500 3,000 -3,940
85	<b>TACTICAL UNMANNED GROUND VEHICLE</b> EMD contract delay	39,282	33,532 -5,750
88	<b>NIGHT VISION SYSTEMS - SDD</b> Prior year carryover	84,519	79,519 -5,000

(67K)

R-1		Budget Request	Final Bill
90	<b>NON-SYSTEM TRAINING DEVICES - SDD</b> Solider fitness program unjustified	30,774	29,801 -973
91	<b>AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -SDD</b> Counter rocket, artillery, and mortar systems	53,332	58,332 5,000
98	<b>LOGISTICS AND ENGINEER EQUIPMENT - SDD</b> Maneuver Support Vessel-Light contract delay Next generation vehicle camouflage technology Program increase Engine driven generators schedule delay	75,098	78,860 -3,000 11,100 2,500 -6,838
101	<b>LANDMINE WARFARE/BARRIER - SDD</b> Mine-neutral and detection schedule delay	39,630	33,354 -6,276
	<b>ARMY TACTICAL COMMAND &amp; CONTROL HARDWARE &amp; SOFTWARE</b>		
102	<b>SOFTWARE</b> Solider borne sensor personal reconnaissance technology TNOM funding ahead of acquisition strategy	205,590	203,274 7,500 -9,816
105	<b>FIREFINDER</b> Enhanced AN/TPQ 36 carryover	9,235	6,425 -2,810
108	<b>INFORMATION TECHNOLOGY DEVELOPMENT</b> Army human resource system VACE unjustified	74,236	73,732 -504
117	<b>COMMON INFRARED COUNTERMEASURES (CIRCM)</b> Program of record prior year carryover	96,977	82,977 -14,000
120	<b>TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)</b> Manpack operational test funding ahead of need	18,824	14,765 -4,059
122	<b>AIRCRAFT SURVIVABILITY DEVELOPMENT</b> Advanced missile warning system development funding	41,133	34,133 -7,000
126	<b>JOINT AIR-TO-GROUND MISSILE (JAGM)</b> Improved lethality and range	42,972	48,972 6,000
128	<b>ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)</b> Program increase Cybersecurity research	252,811	282,811 15,000 15,000
137	<b>THREAT SIMULATOR DEVELOPMENT</b> Program increase	25,675	29,675 4,000
139	<b>MAJOR T&amp;E INVESTMENT</b> Cyber vulnerabilities research	84,777	96,777 12,000
141	<b>ARMY KWAJALEIN ATOLL</b> Installation services excess growth	236,648	227,451 -9,197
145	<b>ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS</b> Cybersecurity of space and missile defense assets Program increase	52,404	72,404 10,000 10,000
156	<b>MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY</b> Munitions standardization, effectiveness, and safety Program increase	40,545	65,545 10,000 15,000

(67L)



R-1	Budget Request	Final Bill
<b>166 LONG RANGE PRECISION FIRES (LRPF)</b>	<b>39,275</b>	<b>37,775</b>
Prior year carryover		-1,500
<b>167 APACHE PRODUCT IMPROVEMENT PROGRAM</b>	<b>66,441</b>	<b>64,441</b>
Support funding carryover		-1,000
Management services excess growth		-1,000
<b>171 IMPROVED TURBINE ENGINE PROGRAM</b>	<b>126,105</b>	<b>116,105</b>
PDR contract delay		-10,000
<b>173 LOGISTICS AUTOMATION</b>	<b>4,563</b>	<b>1,736</b>
Prior year carryover		-2,827
<b>176 AEROSTAT JOINT PROJECT OFFICE</b>	<b>45,482</b>	<b>6,400</b>
Excess funding due to program cancellation		-39,082
<b>179 COMBAT VEHICLE IMPROVEMENT PROGRAMS</b>	<b>316,857</b>	<b>304,031</b>
Abrams program support excess growth		-5,000
Excess funding		-1,026
Stryker ECP 2 funding ahead of need		-6,800
<b>181 AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT</b>	<b>35,793</b>	<b>33,693</b>
Modification funding ahead of need		-2,100
<b>190 LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM</b>	<b>69,417</b>	<b>63,889</b>
Prior year carryover		-5,528

(67M)

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 68A -P

~~(INSERT PROJECT LEVEL TABLE)~~

STANDARD MISSILE-6

The agreement includes \$120,561,000, as requested, for Standard Missile-6 (SM-6) improvements. It is understood that the Navy's top priority for the SM-6 research, development, test and evaluation program in fiscal year 2017 is the completion of program of record flight tests and achieving full operational capability for the SM-6 Block I. The Secretary of the Navy is encouraged to prioritize funding allocations accordingly.

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY		
BASIC RESEARCH		
1	UNIVERSITY RESEARCH INITIATIVES.....	101,714 121,714
2	IN-HOUSE LABORATORY INDEPENDENT RESEARCH.....	18,508 18,508
3	DEFENSE RESEARCH SCIENCES.....	422,748 422,748
	TOTAL, BASIC RESEARCH.....	542,970 562,970
APPLIED RESEARCH		
4	POWER PROJECTION APPLIED RESEARCH.....	41,371 61,371
5	FORCE PROTECTION APPLIED RESEARCH.....	158,745 201,745
6	MARINE CORPS LANDING FORCE TECHNOLOGY.....	51,590 69,765
7	COMMON PICTURE APPLIED RESEARCH.....	41,185 41,185
8	WARFIGHTER SUSTAINMENT APPLIED RESEARCH.....	45,467 50,467
9	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH.....	118,941 120,941
10	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH.....	42,618 81,618
11	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH.....	6,327 6,327
12	UNDERSEA WARFARE APPLIED RESEARCH.....	126,313 126,313
13	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH.....	165,103 157,103
14	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH.....	33,916 33,916
15	SCIENCE AND TECHNOLOGY MANAGEMENT - ONR HEADQUARTERS..	29,575 29,575
	TOTAL, APPLIED RESEARCH.....	861,151 980,326

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
16	ADVANCED TECHNOLOGY DEVELOPMENT POWER PROJECTION ADVANCED TECHNOLOGY.....	96,406 96,406
17	FORCE PROTECTION ADVANCED TECHNOLOGY.....	48,438 85,338
18	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY.....	26,421 26,421
19	MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)...	140,416 140,416
20	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT.....	13,117 13,117
21	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV.....	249,092 266,092
22	MANUFACTURING TECHNOLOGY PROGRAM.....	56,712 56,712
23	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY.....	4,789 40,789
24	UNDERSEA WARFARE ADVANCED TECHNOLOGY.....	25,880 25,880
25	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS.....	60,550 59,550
26	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY....	15,167 13,167
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	736,988 823,888
27	DEMONSTRATION & VALIDATION AIR/OCEAN TACTICAL APPLICATIONS.....	48,536 44,936
28	AVIATION SURVIVABILITY.....	5,239 15,239
30	AIRCRAFT SYSTEMS.....	1,519 1,519
31	ASW SYSTEMS DEVELOPMENT.....	7,041 7,041
32	TACTICAL AIRBORNE RECONNAISSANCE.....	3,274 3,274
33	ADVANCED COMBAT SYSTEMS TECHNOLOGY.....	57,034 3,651
34	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES.....	165,775 120,775
35	SURFACE SHIP TORPEDO DEFENSE.....	87,066 71,553
36	CARRIER SYSTEMS DEVELOPMENT.....	7,605 7,605
37	PILOT FISH.....	132,068 132,068
38	RETRACT LARCH.....	14,546 14,546
39	RETRACT JUNIPER.....	115,435 115,435
40	RADIOLOGICAL CONTROL.....	702 702
41	SURFACE ASW.....	1,081 1,081
42	ADVANCED SUBMARINE SYSTEM DEVELOPMENT.....	100,565 118,023
43	SUBMARINE TACTICAL WARFARE SYSTEMS.....	8,782 8,782
44	SHIP CONCEPT ADVANCED DESIGN.....	14,590 14,590

688

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
45 SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES.....	15,805	13,805
46 ADVANCED NUCLEAR POWER SYSTEMS.....	453,313	453,313
47 ADVANCED SURFACE MACHINERY SYSTEMS.....	36,655	30,858
48 CHALK EAGLE.....	367,016	367,016
49 LITTORAL COMBAT SHIP (LCS).....	51,630	51,630
50 COMBAT SYSTEM INTEGRATION.....	23,530	23,530
51 OHIO REPLACEMENT PROGRAM.....	700,811	700,811
52 LITTORAL COMBAT SHIP (LCS) MISSION MODULES.....	160,058	153,608
53 AUTOMATED TEST AND RE-TEST.....	---	15,000
54 FRIGATE DEVELOPMENT.....	84,900	84,900
55 CONVENTIONAL MUNITIONS.....	8,342	8,342
56 MARINE CORPS ASSAULT VEHICLES.....	158,682	138,762
57 MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM.....	1,303	1,303
58 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT.....	46,911	45,411
60 OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT.....	4,556	4,556
61 ENVIRONMENTAL PROTECTION.....	20,343	19,121
62 NAVY ENERGY PROGRAM.....	52,479	70,879
63 FACILITIES IMPROVEMENT.....	5,458	5,458
64 CHALK CORAL.....	245,860	230,860
65 NAVY LOGISTIC PRODUCTIVITY.....	3,089	3,089
66 RETRACT MAPLE.....	323,526	314,776
67 LINK PLUMERIA.....	318,497	284,297
68 RETRACT ELM.....	52,834	52,834
69 LINK EVERGREEN.....	48,116	48,116
70 SPECIAL PROCESSES.....	13,619	13,619
71 NATO RESEARCH AND DEVELOPMENT.....	9,867	8,567
72 LAND ATTACK TECHNOLOGY.....	6,015	18,015
73 JOINT NONLETHAL WEAPONS TESTING.....	27,904	27,904
74 JOINT PRECISION APPROACH AND LANDING SYSTEMS.....	104,144	102,722
75 DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS.....	32,700	32,700
76 GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER.....	70,528	70,528

(OBC)

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
77	REMOTE MINEHUNTING SYSTEM (RMS).....	3,001 3,001
78	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES.....	34,920 26,920
80	MH-XX.....	1,620 1,620
81	LX (R).....	6,354 25,354
82	ADVANCED UNDERSEA PROTOTYPING.....	78,589 59,479
84	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM.....	9,910 4,910
85	SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE..	23,971 20,651
86	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT.....	252,409 300,971
87	JOINT LIGHT TACTICAL VEHICLE ENGINEERING/MANUFACTURING	23,197 9,597
88	ASW SYSTEMS DEVELOPMENT - MIP.....	9,110 9,110
89	ELECTRONIC WARFARE DEVELOPMENT - MIP.....	437 437
	TOTAL, DEMONSTRATION & VALIDATION.....	4,662,867 4,539,200
	ENGINEERING & MANUFACTURING DEVELOPMENT	
90	TRAINING SYSTEM AIRCRAFT.....	19,938 17,938
91	OTHER HELO DEVELOPMENT.....	6,268 5,968
92	AV-8B AIRCRAFT - ENG DEV.....	33,664 32,664
93	STANDARDS DEVELOPMENT.....	1,300 1,300
94	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT.....	5,275 5,275
95	AIR/OCEAN EQUIPMENT ENGINEERING.....	3,875 3,875
96	P-3 MODERNIZATION PROGRAM.....	1,909 1,909
97	WARFARE SUPPORT SYSTEM.....	13,237 11,537
98	TACTICAL COMMAND SYSTEM.....	36,323 36,323
99	ADVANCED HAWKEYE.....	363,792 365,178
100	H-1 UPGRADES.....	27,441 27,441
101	ACOUSTIC SEARCH SENSORS.....	34,525 29,525
102	V-22A.....	174,423 154,245
103	AIR CREW SYSTEMS DEVELOPMENT.....	13,577 7,477
104	EA-18.....	116,761 104,444
105	ELECTRONIC WARFARE DEVELOPMENT.....	48,766 42,378
106	EXECUTIVE HELO DEVELOPMENT.....	338,357 338,357
107	NEXT GENERATION JAMMER (NGJ).....	577,822 577,822

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
108 JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY).....	2,365	2,365
109 NEXT GENERATION JAMMER (NGJ) INCREMENT II.....	52,065	18,965
110 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING.....	282,764	275,764
111 LPD-17 CLASS SYSTEMS INTEGRATION.....	580	580
112 SMALL DIAMETER BOMB (SDB).....	97,622	91,622
113 STANDARD MISSILE IMPROVEMENTS.....	120,561	120,561
114 AIRBORNE MCM.....	45,622	45,622
116 NAVAL INTEGRATED FIRE CONTROL-COUNTER AIR SYSTEMS ENG.	25,750	25,750
118 ADVANCED ABOVE WATER SENSORS.....	85,868	72,868
119 SSN-688 AND TRIDENT MODERNIZATION.....	117,476	123,476
120 AIR CONTROL.....	47,404	44,858
121 SHIPBOARD AVIATION SYSTEMS.....	112,158	116,158
122 COMBAT INFORMATION CENTER CONVERSION.....	6,283	6,283
123 AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM.....	144,395	144,395
124 NEW DESIGN SSN.....	113,013	130,013
125 SUBMARINE TACTICAL WARFARE SYSTEM.....	43,160	52,160
126 SHIP CONTRACT DESIGN/LIVE FIRE T&E.....	65,002	85,002
127 NAVY TACTICAL COMPUTER RESOURCES.....	3,098	3,098
128 VIRGINIA PAYLOAD MODULE (VPM).....	97,920	97,920
129 MINE DEVELOPMENT.....	10,490	10,490
130 LIGHTWEIGHT TORPEDO DEVELOPMENT.....	20,178	30,178
131 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT.....	7,369	7,369
132 PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS....	4,995	4,995
133 JOINT STANDOFF WEAPON SYSTEMS.....	412	412
134 SHIP SELF DEFENSE (DETECT & CONTROL).....	134,619	134,619
135 SHIP SELF DEFENSE (ENGAGE: HARD KILL).....	114,475	119,475
136 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW).....	114,211	103,889
137 INTELLIGENCE ENGINEERING.....	11,029	9,029
138 MEDICAL DEVELOPMENT.....	9,220	25,220
139 NAVIGATION/ID SYSTEM.....	42,723	42,723
140 JOINT STRIKE FIGHTER (JSF) - EMD.....	531,426	531,426

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
141 JOINT STRIKE FIGHTER (JSF).....	528,716	528,716
142 JSF FOLLOW ON DEVELOPMENT-MARINE CORPS.....	74,227	29,691
143 JSF FOLLOW ON DEVELOPMENT-NAVY.....	63,387	25,355
144 INFORMATION TECHNOLOGY DEVELOPMENT.....	4,856	4,856
145 INFORMATION TECHNOLOGY DEVELOPMENT.....	97,066	90,566
146 ANTI-TAMPER TECHNOLOGY SUPPORT.....	2,500	500
147 CH-53K.....	404,810	350,810
148 MISSION PLANNING.....	33,570	33,570
149 COMMON AVIONICS.....	51,599	49,512
150 SHIP TO SHORE CONNECTOR (SSC).....	11,088	11,088
151 T-AO (X).....	1,095	1,095
152 CARRIER BASED AERIAL REFUELING SYSTEM (CBARS).....	89,000	76,422
153 JOINT AIR-TO-GROUND MISSILE (JAGM).....	17,880	17,880
154 MULTI-MISSION MARITIME AIRCRAFT (MMA).....	59,126	64,126
155 MULTI-MISSION MARITIME AIRCRAFT (MMA) INCREMENT 3.....	182,220	112,320
156 DDG-1000.....	45,642	45,642
159 TACTICAL COMMAND SYSTEM - MIP.....	676	676
160 TACTICAL CRYPTOLOGIC SYSTEMS.....	36,747	34,047
161 SPECIAL APPLICATIONS PROGRAM.....	35,002	35,002
162 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT.....	4,942	2,442
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	6,025,655	5,755,257
RDT&E MANAGEMENT SUPPORT		
163 THREAT SIMULATOR DEVELOPMENT.....	16,633	16,633
164 TARGET SYSTEMS DEVELOPMENT.....	36,662	36,662
165 MAJOR T&E INVESTMENT.....	42,109	52,109
166 JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION.....	2,998	2,998
167 STUDIES AND ANALYSIS SUPPORT - NAVY.....	3,931	3,931
168 CENTER FOR NAVAL ANALYSES.....	46,634	46,634
169 NEXT GENERATION FIGHTER.....	1,200	1,200
171 TECHNICAL INFORMATION SERVICES.....	903	903
172 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT.....	87,077	100,077

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
173 STRATEGIC TECHNICAL SUPPORT.....	3,597	3,597
174 RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT.....	62,811	62,811
175 RDT&E SHIP AND AIRCRAFT SUPPORT.....	106,093	106,093
176 TEST AND EVALUATION SUPPORT.....	349,146	349,146
177 OPERATIONAL TEST AND EVALUATION CAPABILITY.....	18,160	18,160
178 NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT.....	9,658	9,658
179 SEW SURVEILLANCE/RECONNAISSANCE SUPPORT.....	6,500	6,500
180 MARINE CORPS PROGRAM WIDE SUPPORT.....	22,247	19,766
181 MANAGEMENT HEADQUARTERS - R&D.....	16,254	16,254
182 WARFARE INNOVATION MANAGEMENT.....	21,123	15,423
TOTAL, RDT&E MANAGEMENT SUPPORT.....	853,736	868,555
OPERATIONAL SYSTEMS DEVELOPMENT		
188 COOPERATIVE ENGAGEMENT CAPABILITY (CEC).....	84,501	77,001
189 DEPLOYABLE JOINT COMMAND AND CONTROL.....	2,970	2,970
190 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT.....	136,556	131,056
191 SSBN SECURITY TECHNOLOGY PROGRAM.....	33,845	33,845
192 SUBMARINE ACOUSTIC WARFARE DEVELOPMENT.....	9,329	9,329
193 NAVY STRATEGIC COMMUNICATIONS.....	17,218	17,218
195 F/A-18 SQUADRONS.....	189,125	174,425
196 FLEET TELECOMMUNICATIONS (TACTICAL).....	48,225	48,225
197 SURFACE SUPPORT.....	21,156	21,156
198 TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)...	71,355	43,016
199 INTEGRATED SURVEILLANCE SYSTEM.....	58,542	57,058
200 AMPHIBIOUS TACTICAL SUPPORT UNITS.....	13,929	13,929
201 GROUND/AIR TASK ORIENTED RADAR.....	83,538	81,038
202 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT.....	38,593	45,343
203 CRYPTOLOGIC DIRECT SUPPORT.....	1,122	1,122
204 ELECTRONIC WARFARE (EW) READINESS SUPPORT.....	99,998	83,292
205 HARM IMPROVEMENT.....	48,635	38,435
206 TACTICAL DATA LINKS.....	124,785	124,785

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
207 SURFACE ASW COMBAT SYSTEM INTEGRATION.....	24,583	24,583
208 MK-48 ADCAP.....	39,134	49,134
209 AVIATION IMPROVEMENTS.....	120,861	118,861
210 OPERATIONAL NUCLEAR POWER SYSTEMS.....	101,786	101,786
211 MARINE CORPS COMMUNICATIONS SYSTEMS.....	82,159	99,359
212 COMMON AVIATION COMMAND AND CONTROL SYSTEM.....	11,850	8,976
213 MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS....	47,877	41,877
214 MARINE CORPS COMBAT SERVICES SUPPORT.....	13,194	11,700
215 USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)....	17,171	17,171
216 AMPHIBIOUS ASSAULT VEHICLE.....	38,020	38,020
217 TACTICAL AIM MISSILES.....	56,285	56,285
218 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)....	40,350	40,350
219 GLOBAL COMBAT SUPPORT SYSTEM - MARINE CORPS (GCSS-MC).	9,128	9,128
223 SATELLITE COMMUNICATIONS (SPACE).....	37,372	32,116
224 CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES.....	23,541	23,541
225 INFORMATION SYSTEMS SECURITY PROGRAM.....	38,510	33,310
228 JOINT MILITARY INTELLIGENCE PROGRAMS.....	6,019	6,019
229 TACTICAL UNMANNED AERIAL VEHICLES.....	8,436	8,436
230 UAS INTEGRATION AND INTEROPERABILITY.....	36,509	21,909
231 DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS....	2,100	2,100
232 DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS....	44,571	44,571
233 MQ-4C TRITON.....	111,729	111,729
234 MQ-8 UAV.....	26,518	26,518
235 RQ-11 UAV.....	418	---
236 RQ-7 UAV.....	716	---
237 SMALL (LEVEL 0) TACTICAL UAS (STUASLO).....	5,071	5,071
238 RQ-21A.....	9,497	8,379
239 MULTI-INTELLIGENCE SENSOR DEVELOPMENT.....	77,965	64,765
240 UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP).....	11,181	11,181
241 RQ-4 MODERNIZATION.....	181,266	144,566
242 MODELING AND SIMULATION SUPPORT.....	4,709	4,709

68H

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
243 DEPOT MAINTENANCE (NON-IF).....	49,322	38,277
245 MARITIME TECHNOLOGY (MARITECH).....	3,204	3,204
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	2,364,474	2,210,874
9999 CLASSIFIED PROGRAMS.....	1,228,460	1,473,460
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.....	17,276,301	17,214,530

68I

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
 [In thousands of dollars]

R-1	Budget Request	Final Bill
<b>1 UNIVERSITY RESEARCH INITIATIVES</b>	<b>101,714</b>	<b>121,714</b>
Program increase - basic research		20,000
<b>4 POWER PROJECTION APPLIED RESEARCH</b>	<b>41,371</b>	<b>61,371</b>
Program increase		20,000
<b>5 FORCE PROTECTION APPLIED RESEARCH</b>	<b>158,745</b>	<b>201,745</b>
Program increase - littoral threat research		5,000
Program increase		15,000
Program increase - battery storage and safety		3,000
Program increase - alternative energy research		20,000
<b>6 MARINE CORPS LANDING FORCE TECHNOLOGY</b>	<b>51,590</b>	<b>69,765</b>
Littoral combat/power projection unjustified growth		-1,825
Program increase		20,000
<b>8 WARFIGHTER SUSTAINMENT APPLIED RESEARCH</b>	<b>45,467</b>	<b>50,467</b>
Program increase		5,000
<b>9 ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH</b>	<b>118,941</b>	<b>120,941</b>
Electronic warfare technology previously funded efforts		-2,000
Program increase - conformal phased array antenna research		4,000
<b>10 OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH</b>	<b>42,618</b>	<b>81,618</b>
Program increase - AGOR mid-life refit		30,000
Program increase - naval special warfare maritime science and technology		5,000
Program increase - space-based monitoring in the arctic basin		4,000
<b>13 FUTURE NAVAL CAPABILITIES APPLIED RESEARCH</b>	<b>165,103</b>	<b>157,103</b>
FORCENET excess growth		-5,000
Power and energy previously funded efforts		-2,000
Sea shield previously funded efforts		-1,000
<b>17 FORCE PROTECTION ADVANCED TECHNOLOGY</b>	<b>48,438</b>	<b>85,338</b>
Aircraft technology excess growth		-3,100
Program increase - autonomous surface unmanned vehicle research		40,000
<b>21 FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV</b>	<b>249,092</b>	<b>266,092</b>
Program increase - ASW research		7,000
Program increase		10,000
<b>23 WARFIGHTER PROTECTION ADVANCED TECHNOLOGY</b>	<b>4,789</b>	<b>40,789</b>
Program increase - bone marrow registry program		31,500
Program increase - tactical athlete program		4,500
<b>25 NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS</b>	<b>60,550</b>	<b>59,550</b>
Operations analysis unjustified growth		-1,000
<b>MINE AND EXPEDITIONARY WARFARE ADVANCED</b>		
<b>26 TECHNOLOGY</b>	<b>15,167</b>	<b>13,167</b>
Mine technology excess growth		-2,000

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<b>R-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>27 AIR/OCEAN TACTICAL APPLICATIONS</b>	<b>48,536</b>	<b>44,936</b>
Naval integrated tactical environmental system next generation excess growth		-3,000
Precise timing and astrometry contract delays		-600
<b>28 AVIATION SURVIVABILITY</b>	<b>5,239</b>	<b>15,239</b>
Program increase		10,000
<b>33 ADVANCED COMBAT SYSTEMS TECHNOLOGY</b>	<b>57,034</b>	<b>3,651</b>
Rapid prototype development excess growth		-39,356
Unmanned rapid prototype development excess growth		-14,027
<b>34 SURFACE AND SHALLOW WATER MINE COUNTERMEASURES</b>	<b>165,775</b>	<b>120,775</b>
LDUUV support excess growth		-2,000
Project 2094 LDUUV - continue risk reduction and technology maturation efforts only		-43,000
<b>35 SURFACE SHIP TORPEDO DEFENSE</b>	<b>87,066</b>	<b>71,553</b>
Long lead material early to need		-15,513
<b>42 ADVANCED SUBMARINE SYSTEM DEVELOPMENT</b>	<b>100,565</b>	<b>118,023</b>
Flank array demonstration unjustified growth		-450
Stealth product development excess growth		-2,500
Universal launch and recovery module excess growth		-4,592
Program increase - advance materials propeller research		25,000
<b>45 SHIP PRELIMINARY DESIGN &amp; FEASIBILITY STUDIES</b>	<b>15,805</b>	<b>13,805</b>
Shipboard energy conservation excess growth		-2,000
<b>47 ADVANCED SURFACE MACHINERY SYSTEMS</b>	<b>36,655</b>	<b>30,858</b>
Energy efficiency previously funded efforts		-1,797
Cybersecurity boundary defense capability excess growth		-4,000
<b>52 LITTORAL COMBAT SHIP (LCS) MISSION MODULES</b>	<b>160,058</b>	<b>153,608</b>
System test and evaluation prior year carryover		-6,450
<b>53 AUTOMATED TEST AND RE-TEST</b>	<b>0</b>	<b>15,000</b>
Program increase		15,000
<b>56 MARINE CORPS ASSAULT VEHICLES</b>	<b>158,682</b>	<b>138,762</b>
Product development prior year carryover		-19,920
<b>58 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT</b>	<b>46,911</b>	<b>45,411</b>
VSW MCM next generation UUV early to need		-1,500
<b>61 ENVIRONMENTAL PROTECTION</b>	<b>20,343</b>	<b>19,121</b>
Environmental sustainability development excess growth		-1,222
<b>62 NAVY ENERGY PROGRAM</b>	<b>52,479</b>	<b>70,879</b>
Aircraft energy conservation systems engineering prior year carryover		-1,600
Program increase - installation energy efficiency enhancements		5,000
Program increase - renewable energy development		15,000
<b>64 CHALK CORAL</b>	<b>245,860</b>	<b>230,860</b>
Program adjustment		-15,000
<b>66 RETRACT MAPLE</b>	<b>323,526</b>	<b>314,776</b>
Program reduction		-8,750

(68K)

R-1	Budget Request	Final Bill
<b>67 LINK PLUMERIA</b> Program adjustment	<b>318,497</b>	<b>284,297</b> -34,200
<b>71 NATO RESEARCH AND DEVELOPMENT</b> Cooperative research and development unjustified growth	<b>9,867</b>	<b>8,567</b> -1,300
<b>72 LAND ATTACK TECHNOLOGY</b> Program increase - fly off competition	<b>6,015</b>	<b>18,015</b> 12,000
<b>74 JOINT PRECISION APPROACH AND LANDING SYSTEMS</b> UCLASS test support unjustified request	<b>104,144</b>	<b>102,722</b> -1,422
<b>78 TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES</b> CIRCM schedule delays	<b>34,920</b>	<b>26,920</b> -8,000
<b>81 LX (R)</b> Program increase - accelerate LX (R) class of ships	<b>6,354</b>	<b>25,354</b> 19,000
<b>82 ADVANCED UNDERSEA PROTOTYPING</b> Program adjustment - reflects change to competitive acquisition strategy Navy requested program increase	<b>78,589</b>	<b>59,479</b> -35,000 15,890
<b>84 PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM</b> NGLAW program delay	<b>9,910</b>	<b>4,910</b> -5,000
<b>SPACE &amp; ELECTRONIC WARFARE (SEW)</b>		
<b>85 ARCHITECTURE/ENGINEERING SUPPORT</b> Maritime concept generation and development excess growth	<b>23,971</b>	<b>20,651</b> -3,320
<b>OFFENSIVE ANTI-SURFACE WARFARE WEAPON</b>		
<b>86 DEVELOPMENT</b> Increment II early to need Program increase - Increment I Navy identified funding shortfall	<b>252,409</b>	<b>300,971</b> -2,038 50,600
<b>JOINT LIGHT TACTICAL VEHICLE</b>		
<b>87 ENGINEERING/MANUFACTURING</b> Prior year carryover	<b>23,197</b>	<b>9,597</b> -13,600
<b>90 TRAINING SYSTEM AIRCRAFT</b> T-45 schedule delays	<b>19,938</b>	<b>17,938</b> -2,000
<b>91 OTHER HELO DEVELOPMENT</b> H-53 avionics previously funded	<b>6,268</b>	<b>5,968</b> -300
<b>92 AV-8B AIRCRAFT - ENG DEV</b> Support carryover	<b>33,664</b>	<b>32,664</b> -1,000
<b>97 WARFARE SUPPORT SYSTEM</b> Navy irregular warfare excess growth	<b>13,237</b>	<b>11,537</b> -1,700
<b>99 ADVANCED HAWKEYE</b> Mode 5/S previously funded New start efforts excess growth Program increase - radar development	<b>363,792</b>	<b>365,178</b> -225 -8,389 10,000
<b>101 ACOUSTIC SEARCH SENSORS</b> Multi-static active coherent schedule delays	<b>34,525</b>	<b>29,525</b> -5,000

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R-1	Budget Request	Final Bill
<b>102 V-22A</b>	<b>174,423</b>	<b>154,245</b>
Navy variant development contract award delays		-11,927
Aerial refueling system development contract award delay		-8,251
<b>103 AIR CREW SYSTEMS DEVELOPMENT</b>	<b>13,577</b>	<b>7,477</b>
Enhanced visual acuity program delays		-6,100
<b>104 EA-18</b>	<b>116,761</b>	<b>104,444</b>
Design and avionics integration excess growth		-10,000
Developmental and operational testing excess growth		-2,317
<b>105 ELECTRONIC WARFARE DEVELOPMENT</b>	<b>48,766</b>	<b>42,378</b>
Technology development unjustified new start		-2,016
Intrepid Tiger II excess growth		-4,372
<b>109 NEXT GENERATION JAMMER (NGJ) INCREMENT II</b>	<b>52,065</b>	<b>18,965</b>
Program growth		-33,100
<b>110 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING</b>	<b>282,764</b>	<b>275,764</b>
AEGIS baseline 5.3X upgrade excess growth		-10,000
Program increase - small business technology insertion		3,000
<b>112 SMALL DIAMETER BOMB (SDB)</b>	<b>97,622</b>	<b>91,622</b>
F-18 integration test asset cost growth		-6,000
<b>113 STANDARD MISSILE IMPROVEMENTS</b>	<b>120,561</b>	<b>120,561</b>
Defer future capability demonstration efforts until completion of program of record test events		-14,000
Fully fund unfunded program of record test events		14,000
<b>118 ADVANCED ABOVE WATER SENSORS</b>	<b>85,868</b>	<b>72,868</b>
Program adjustment		-13,000
<b>119 SSN-688 AND TRIDENT MODERNIZATION</b>	<b>117,476</b>	<b>123,476</b>
Towed buoy antenna previously funded efforts		-1,000
Program increase		7,000
<b>120 AIR CONTROL</b>	<b>47,404</b>	<b>44,858</b>
AN/SPN-50 cost growth		-2,546
<b>121 SHIPBOARD AVIATION SYSTEMS</b>	<b>112,158</b>	<b>116,158</b>
Program increase		4,000
<b>124 NEW DESIGN SSN</b>	<b>113,013</b>	<b>130,013</b>
Program increase - small business technology insertion		10,000
Program increase		7,000
<b>125 SUBMARINE TACTICAL WARFARE SYSTEM</b>	<b>43,160</b>	<b>52,160</b>
Program increase - advanced weapons enhanced by submarine unmanned aerial system against mobile targets		9,000
<b>126 SHIP CONTRACT DESIGN/LIVE FIRE T&amp;E</b>	<b>65,002</b>	<b>85,002</b>
Program increase - CVN cost reduction initiatives		20,000
<b>130 LIGHTWEIGHT TORPEDO DEVELOPMENT</b>	<b>20,178</b>	<b>30,178</b>
Program increase - small business technology insertion		10,000

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R-1	Budget Request	Final Bill
<b>135 SHIP SELF DEFENSE (ENGAGE: HARD KILL)</b> Program increase - electronics enclosure redesign efforts	114,475	119,475 5,000
<b>136 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)</b> EW RCIP unjustified growth Project 3316 decoy development effort contract award delay	114,211	103,889 -2,322 -8,000
<b>137 INTELLIGENCE ENGINEERING</b> Excess growth	11,029	9,029 -2,000
<b>138 MEDICAL DEVELOPMENT</b> Program increase - military dental research Program increase - wound care research	9,220	25,220 6,000 10,000
<b>139 NAVIGATION/ID SYSTEM</b> ISIS and photonics common software and hardware capabilities prior year carryover NAVSTAR GPS equipment excess support growth Improved GPS - Department requested transfer of funds from multiple RDTE,AF lines	42,723	42,723 -3,000 -3,000 6,000
<b>142 JSF FOLLOW ON DEVELOPMENT-MARINE CORPS</b> Follow-on development excess funds	74,227	29,691 -44,536
<b>143 JSF FOLLOW ON DEVELOPMENT-NAVY</b> Follow-on development excess funds	63,387	25,355 -38,032
<b>145 INFORMATION TECHNOLOGY DEVELOPMENT</b> Excess support growth NAVSEA IT excess growth BUPERS IT excess growth	97,066	90,566 -1,800 -2,200 -2,500
<b>146 ANTI-TAMPER TECHNOLOGY SUPPORT</b> Unjustified request	2,500	500 -2,000
<b>147 CH-53K</b> Program delay	404,810	350,810 -54,000
<b>149 COMMON AVIONICS</b> CNS/ATM prior year carryover	51,599	49,512 -2,087
<b>152 CARRIER BASED AERIAL REFUELING SYSTEM (CBARS)</b> Air segment product development early to need	89,000	76,422 -12,578
<b>154 MULTI-MISSION MARITIME AIRCRAFT (MMA)</b> Program execution Program increase - small business technology insertion	59,126	64,126 -5,000 10,000
<b>155 MULTI-MISSION MARITIME AIRCRAFT (MMA) INCREMENT 3</b> Engineering change proposals 6 and 7 funding concurrent with combat systems architecture early to need	182,220	112,320 -69,900
<b>160 TACTICAL CRYPTOLOGIC SYSTEMS</b> Excess support growth	36,747	34,047 -2,700
<b>162 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT</b> Excess growth	4,942	2,442 -2,500

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R-1	Budget Request	Final Bill
<b>165 MAJOR T&amp;E INVESTMENT</b>	<b>42,109</b>	<b>52,109</b>
Program increase - modeling and simulation for ground testing capabilities		10,000
<b>172 MANAGEMENT, TECHNICAL &amp; INTERNATIONAL SUPPORT</b>	<b>87,077</b>	<b>100,077</b>
Program increase - printed circuit board executive agent		13,000
<b>180 MARINE CORPS PROGRAM WIDE SUPPORT</b>	<b>22,247</b>	<b>19,766</b>
Studies and analysis excess growth		-2,481
<b>182 WARFARE INNOVATION MANAGEMENT</b>	<b>21,123</b>	<b>15,423</b>
Fleet experimentation excess growth		-5,700
<b>188 COOPERATIVE ENGAGEMENT CAPABILITY (CEC)</b>	<b>84,501</b>	<b>77,001</b>
Program delays		-7,500
<b>190 STRATEGIC SUB &amp; WEAPONS SYSTEM SUPPORT</b>	<b>136,556</b>	<b>131,056</b>
Technical applications programs contract delays		-5,500
<b>195 F/A-18 SQUADRONS</b>	<b>189,125</b>	<b>174,425</b>
Multi-system integration excess growth		-4,000
Radar upgrade product development previously funded		-2,700
Infrared search and track excess growth		-10,000
Program increase - noise reduction research		2,000
<b>198 TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER</b>	<b>71,355</b>	<b>43,016</b>
Theater mission planning center previously funded		-4,000
Support prior year carryover		-6,339
Maritime modernization program adjustment		-18,000
<b>199 INTEGRATED SURVEILLANCE SYSTEM</b>	<b>58,542</b>	<b>57,058</b>
TASW prototypes excess growth		-1,484
<b>201 GROUND/AIR TASK ORIENTED RADAR</b>	<b>83,538</b>	<b>81,038</b>
EDM-1 refurbishment previously funded		-500
Insufficient budget documentation		-2,000
<b>202 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT</b>	<b>38,593</b>	<b>45,343</b>
TACTS/LATR replacement contract delay		-2,250
Program increase - project 0604 training range enhancements		9,000
<b>204 ELECTRONIC WARFARE (EW) READINESS SUPPORT</b>	<b>99,998</b>	<b>83,292</b>
Electronic warfare/information operations countermeasure capability research and development prior year carryover		-3,206
Twisted web excess growth		-9,300
Mocking jay excess growth		-4,200
<b>205 HARM IMPROVEMENT</b>	<b>48,635</b>	<b>38,435</b>
AARGM threat data library unjustified growth		-1,800
AARGM ER change to acquisition strategy		-8,400
<b>208 MK-48 ADCAP</b>	<b>39,134</b>	<b>49,134</b>
Program increase		10,000
<b>209 AVIATION IMPROVEMENTS</b>	<b>120,861</b>	<b>118,861</b>
F135 engine unjustified growth		-2,000

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R-1	Budget Request	Final Bill
<b>211 MARINE CORPS COMMUNICATIONS SYSTEMS</b>	<b>82,159</b>	<b>99,359</b>
CREW product development prior year carryover		-800
Program increase		6,000
Program increase - radar enhancements		12,000
<b>212 COMMON AVIATION COMMAND AND CONTROL SYSTEM</b>	<b>11,850</b>	<b>8,976</b>
Product development excess growth		-2,874
<b>MARINE CORPS GROUND COMBAT/SUPPORTING ARMS</b>		
<b>213 SYSTEMS</b>	<b>47,877</b>	<b>41,877</b>
Project 1555 prior year carryover		-6,000
<b>214 MARINE CORPS COMBAT SERVICES SUPPORT</b>	<b>13,194</b>	<b>11,700</b>
Advanced power sources contract delay		-1,494
<b>223 SATELLITE COMMUNICATIONS (SPACE)</b>	<b>37,372</b>	<b>32,116</b>
Joint aerial layer network maritime unjustified growth		-2,000
MUOS contract delay		-3,256
<b>225 INFORMATION SYSTEMS SECURITY PROGRAM</b>	<b>38,510</b>	<b>33,310</b>
Excess growth		-5,200
<b>230 UAS INTEGRATION AND INTEROPERABILITY</b>	<b>36,509</b>	<b>21,909</b>
Prior year carryover		-3,000
Increment II increase early to need		-11,600
<b>235 RQ-11 UAV</b>	<b>418</b>	<b>0</b>
Fully developed program		-418
<b>236 RQ-7 UAV</b>	<b>716</b>	<b>0</b>
Fully developed program		-716
<b>238 RQ-21A</b>	<b>9,497</b>	<b>8,379</b>
Inconsistent budget justification		-1,118
<b>239 MULTI-INTELLIGENCE SENSOR DEVELOPMENT</b>	<b>77,965</b>	<b>64,765</b>
Excess growth		-5,000
Project 3329 increase early to need		-8,200
<b>241 RQ-4 MODERNIZATION</b>	<b>181,266</b>	<b>144,566</b>
Test and evaluation excess growth		-2,550
Excess concurrency		-34,150
<b>243 DEPOT MAINTENANCE (NON-IF)</b>	<b>49,322</b>	<b>38,277</b>
Project 3384 funding early to need		-11,045
<b>999 CLASSIFIED PROGRAMS</b>	<b>1,228,460</b>	<b>1,473,460</b>
Classified adjustment		245,000

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RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 69A-0

~~(INSERT PROJECT-LEVEL TABLE)~~

LONG RANGE STRIKE BOMBER

The Inspector General of the Department of Defense is directed to conduct an evaluation and submit a report as described under this heading in Senate Report 114-263 not later than 180 days after the enactment of this Act. In addition, the agreement designates the long range strike bomber program as a congressional special interest item for purposes of transfer of funds and prior approval reprogramming procedures.

JOINT SURVEILLANCE TARGET ATTACK RADAR SYSTEM RECAPITALIZATION

The agreement includes a provision that prohibits the obligation or expenditure of funds provided for the Joint Surveillance Target Attack Radar System (JSTARS) recapitalization program on pre-milestone B activities after March 31, 2018. The

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE		
BASIC RESEARCH		
1	DEFENSE RESEARCH SCIENCES.....	340,812 380,812
2	UNIVERSITY RESEARCH INITIATIVES.....	145,044 150,044
3	HIGH ENERGY LASER RESEARCH INITIATIVES.....	14,168 14,168
	TOTAL, BASIC RESEARCH.....	500,024 545,024
APPLIED RESEARCH		
4	MATERIALS.....	126,152 159,152
5	AEROSPACE VEHICLE TECHNOLOGIES.....	122,831 132,831
6	HUMAN EFFECTIVENESS APPLIED RESEARCH.....	111,647 111,647
7	AEROSPACE PROPULSION.....	185,671 195,671
8	AEROSPACE SENSORS.....	155,174 162,674
9	SPACE TECHNOLOGY.....	117,915 117,915
10	CONVENTIONAL MUNITIONS.....	109,649 109,649
11	DIRECTED ENERGY TECHNOLOGY.....	127,163 127,163
12	DOMINANT INFORMATION SCIENCES AND METHODS.....	161,650 166,650
13	HIGH ENERGY LASER RESEARCH.....	42,300 42,300
	TOTAL, APPLIED RESEARCH.....	1,260,152 1,325,652
ADVANCED TECHNOLOGY DEVELOPMENT		
14	ADVANCED MATERIALS FOR WEAPON SYSTEMS.....	35,137 53,137
15	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T).....	20,636 20,636
16	ADVANCED AEROSPACE SENSORS.....	40,945 40,945
17	AEROSPACE TECHNOLOGY DEV/DEMO.....	130,950 130,950
18	AEROSPACE PROPULSION AND POWER TECHNOLOGY.....	94,594 109,594
19	ELECTRONIC COMBAT TECHNOLOGY.....	58,250 66,150
20	ADVANCED SPACECRAFT TECHNOLOGY.....	61,593 71,593
21	MAUI SPACE SURVEILLANCE SYSTEM (MSSS).....	11,681 11,681
22	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT...	26,492 26,492



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL	
23	CONVENTIONAL WEAPONS TECHNOLOGY.....	102,009	107,009
24	ADVANCED WEAPONS TECHNOLOGY.....	39,064	49,064
25	MANUFACTURING TECHNOLOGY PROGRAM.....	46,344	62,344
26	BATTLESPACE KNOWLEDGE DEVELOPMENT & DEMONSTRATION.....	58,110	58,110
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	725,805	807,705
27	ADVANCED COMPONENT DEVELOPMENT INTELLIGENCE ADVANCED DEVELOPMENT.....	5,598	5,598
28	SPACE CONTROL TECHNOLOGY.....	7,534	7,534
29	COMBAT IDENTIFICATION TECHNOLOGY.....	24,418	24,418
30	NATO RESEARCH AND DEVELOPMENT.....	4,333	4,333
32	SPACE PROTECTION PROGRAM (SPP).....	32,399	32,399
33	INTERCONTINENTAL BALLISTIC MISSILE.....	108,663	113,663
34	POLLUTION PREVENTION (DEM/VAL).....	---	3,500
35	LONG RANGE STRIKE.....	1,358,309	1,338,309
36	ADVANCED TECHNOLOGY AND SENSORS.....	34,818	34,818
37	TECHNOLOGY TRANSFER.....	3,368	8,368
38	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM.....	74,308	54,708
39	WEATHER SATELLITE FOLLOW-ON.....	118,953	93,953
40	SPACE SITUATION AWARENESS SYSTEMS.....	9,901	9,901
41	DEPLOYMENT AND DISTRIBUTION ENTERPRISE R&D.....	25,890	25,890
42	OPERATIONALLY RESPONSIVE SPACE.....	7,921	18,421
43	TECH TRANSITION PROGRAM.....	347,304	385,304
44	GROUND BASED STRATEGIC DETERRENT.....	113,919	113,919
46	NEXT GENERATION AIR DOMINANCE.....	20,595	20,595
47	THREE DIMENSIONAL LONG-RANGE RADAR.....	49,491	49,491
48	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT)....	278,147	309,047
49	COMMON DATA LINK EXECUTIVE AGENT (CDL EA).....	42,338	42,338
50	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT.....	158,002	158,002
51	ENABLED CYBER ACTIVITIES.....	15,842	15,842
52	CONTRACTING INFORMATION TECHNOLOGY SYSTEM.....	5,782	5,782
	TOTAL, ADVANCED COMPONENT DEVELOPMENT.....	2,847,833	2,876,133

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
54	ENGINEERING & MANUFACTURING DEVELOPMENT ELECTRONIC WARFARE DEVELOPMENT.....	12,476 5,176
55	TACTICAL DATA NETWORKS ENTERPRISE.....	82,380 82,380
56	PHYSICAL SECURITY EQUIPMENT.....	8,458 8,458
57	SMALL DIAMETER BOMB (SDB).....	54,838 39,138
58	COUNTERSPACE SYSTEMS.....	34,394 34,394
59	SPACE SITUATION AWARENESS SYSTEMS.....	23,945 23,945
60	SPACE FENCE.....	168,364 168,364
61	AIRBORNE ELECTRONIC ATTACK.....	9,187 9,187
62	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD.....	181,966 161,966
63	ARMAMENT/ORDNANCE DEVELOPMENT.....	20,312 20,312
64	SUBMUNITIONS.....	2,503 2,503
65	AGILE COMBAT SUPPORT.....	53,680 50,680
66	JOINT DIRECT ATTACK MUNITION.....	9,901 9,901
67	LIFE SUPPORT SYSTEMS.....	7,520 7,520
68	COMBAT TRAINING RANGES.....	77,409 68,409
69	F-35 - EMD.....	450,467 450,467
70	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE).....	296,572 396,572
71	LONG RANGE STANDOFF WEAPON.....	95,604 95,604
72	ICBM FUZE MODERNIZATION.....	189,751 189,751
73	JOINT TACTICAL NETWORK CENTER (JTNC).....	1,131 1,131
74	F-22 MODERNIZATION INCREMENT 3.2B.....	70,290 70,290
75	GROUND ATTACK WEAPONS FUZE DEVELOPMENT.....	937 937
76	NEXT GENERATION AERIAL REFUELING AIRCRAFT KC-46.....	261,724 229,924

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
77	ADVANCED PILOT TRAINING.....	12,377      7,377
78	CSAR HH-60 RECAPITALIZATION.....	319,331      273,331
80	ADVANCED EHF MILSATCOM (SPACE).....	259,131      229,131
81	POLAR MILSATCOM (SPACE).....	50,815      45,815
82	WIDEBAND GLOBAL SATCOM (SPACE).....	41,632      76,632
83	AIR AND SPACE OPS CENTER 10.2.....	28,911      21,911
84	B-2 DEFENSIVE MANAGEMENT SYSTEM.....	315,615      289,015
85	NUCLEAR WEAPONS MODERNIZATION.....	137,909      137,909
86	F-15 EPAWSS.....	256,669      250,669
87	FULL COMBAT MISSION TRAINING.....	12,051      12,051
88	COMBAT SURVIVOR EVADER LOCATOR.....	29,253      29,253
89	NEXTGEN JSTARS.....	128,019      128,019
90	PRESIDENTIAL AIRCRAFT REPLACEMENT.....	351,220      322,220
91	AUTOMATED TEST SYSTEMS.....	19,062      14,562
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	4,075,804      3,964,904

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
92 RDT&E MANAGEMENT SUPPORT THREAT SIMULATOR DEVELOPMENT.....	21,630	21,630
93 MAJOR T&E INVESTMENT.....	66,385	66,385
94 RAND PROJECT AIR FORCE.....	34,641	34,641
96 INITIAL OPERATIONAL TEST & EVALUATION.....	11,529	11,529
97 TEST AND EVALUATION SUPPORT.....	661,417	676,417
98 ROCKET SYSTEMS LAUNCH PROGRAM (SPACE).....	11,198	11,198
99 SPACE TEST PROGRAM (STP).....	27,070	42,070
100 FACILITIES RESTORATION & MODERNIZATION - TEST & EVAL..	134,111	134,111
101 FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT..	28,091	28,091
102 REQUIREMENTS ANALYSIS AND MATURATION.....	29,100	34,100
103 SPACE TEST AND TRAINING RANGE DEVELOPMENT.....	18,528	18,528
104 SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE.....	176,666	171,666
105 ENTERPRISE INFORMATION SERVICES (EIS).....	4,410	4,410
106 ACQUISITION AND MANAGEMENT SUPPORT.....	14,613	14,613
107 GENERAL SKILL TRAINING.....	1,404	1,404
109 INTERNATIONAL ACTIVITIES.....	4,784	4,784
TOTAL, RDT&E MANAGEMENT SUPPORT.....	1,245,577	1,275,577

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
110	OPERATIONAL SYSTEMS DEVELOPMENT GPS III - OPERATIONAL CONTROL SEGMENT.....	393,268 393,268
111	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING.....	15,427 18,427
112	WIDE AREA SURVEILLANCE.....	46,695 46,695
115	AIR FORCE INTEGRATED MILITARY HUMAN RESOURCES SYSTEM..	10,368 10,368
116	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY.....	31,952 31,952
117	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION.....	42,960 42,960
118	HC/MC-130 RECAP RDT&E.....	13,987 8,987
119	B-52 SQUADRONS.....	78,267 83,267
120	AIR-LAUNCHED CRUISE MISSILE (ALCM).....	453 453
121	B-1B SQUADRONS.....	5,830 3,930
122	B-2 SQUADRONS.....	152,458 127,458
123	MINUTEMAN SQUADRONS.....	182,958 178,958
124	STRAT WAR PLANNING SYSTEM - USSTRATCOM.....	39,148 39,148
126	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS.....	6,042 13,042
128	UH-1N REPLACEMENT PROGRAM.....	14,116 14,116
129	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION..	10,868 10,868
130	SERVICE SUPPORT TO STRATCOM - SPACE ACTIVITIES.....	8,674 8,674
131	MQ-9 UAV.....	151,373 138,373
133	A-10 SQUADRONS.....	14,853 4,853
134	F-16 SQUADRONS.....	132,795 120,195
135	F-15E SQUADRONS.....	356,717 356,717
136	MANNED DESTRUCTIVE SUPPRESSION.....	14,773 14,773
137	F-22 SQUADRONS.....	387,564 376,464
138	F-35 SQUADRONS.....	153,045 76,713
139	TACTICAL AIM MISSILES.....	52,898 52,898
140	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).....	62,470 62,470
143	COMBAT RESCUE - PARARESCUE.....	362 362
144	AF TENCAP.....	28,413 28,413
145	PRECISION ATTACK SYSTEMS PROCUREMENT.....	649 649
146	COMPASS CALL.....	13,723 13,723
147	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.....	109,859 109,859

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
148 JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM).....	30,002	21,902
149 AIR AND SPACE OPERATIONS CENTER (AOC).....	37,621	30,343
150 CONTROL AND REPORTING CENTER (CRC).....	13,292	13,292
151 AIRBORNE WARNING AND CONTROL SYSTEM (AWACS).....	86,644	86,644
152 TACTICAL AIRBORNE CONTROL SYSTEMS.....	2,442	2,442
154 COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES.....	10,911	15,911
155 TACTICAL AIR CONTROL PARTY--MOD.....	11,843	11,843
156 C2ISR TACTICAL DATA LINK.....	1,515	1,515
157 DCAPEs.....	14,979	14,979
158 SEEK EAGLE.....	25,308	25,308
159 USAF MODELING AND SIMULATION.....	16,666	16,666
160 WARGAMING AND SIMULATION CENTERS.....	4,245	4,245
161 DISTRIBUTED TRAINING AND EXERCISES.....	3,886	3,886
162 MISSION PLANNING SYSTEMS.....	71,785	71,785
164 AF OFFENSIVE CYBERSPACE OPERATIONS.....	25,025	25,025
165 AF DEFENSIVE CYBERSPACE OPERATIONS.....	29,439	39,439
168 GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN).....	3,470	3,470
169 NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES).....	4,060	4,060
175 SPACE SUPERIORITY INTELLIGENCE.....	13,880	12,380
176 E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC).....	30,948	26,048
177 FAMILY OF ADVANCED BLoS TERMINALS (FAB-T).....	42,378	42,378
178 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK....	47,471	40,171
179 INFORMATION SYSTEMS SECURITY PROGRAM.....	46,388	37,388
180 GLOBAL COMBAT SUPPORT SYSTEM.....	52	52
181 GLOBAL FORCE MANAGEMENT - DATA INITIATIVE.....	2,099	2,099
184 AIRBORNE SIGINT ENTERPRISE.....	90,762	90,762
187 GLOBAL AIR TRAFFIC MANAGEMENT (GATM).....	4,354	4,354
188 SATELLITE CONTROL NETWORK (SPACE).....	15,624	14,624
189 WEATHER SERVICE.....	19,974	19,974

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
190 AIR TRAFFIC CONTROL, APPROACH, & LANDING SYSTEM (ATC).	9,770	17,770
191 AERIAL TARGETS.....	3,051	3,051
194 SECURITY AND INVESTIGATIVE ACTIVITIES.....	405	405
195 ARMS CONTROL IMPLEMENTATION.....	4,844	4,844
196 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES.....	339	339
199 SPACE AND MISSILE TEST AND EVALUATION CENTER.....	3,989	3,989
200 SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.....	3,070	1,570
201 INTEGRATED BROADCAST SERVICE.....	8,833	8,833
202 SPACELIFT RANGE SYSTEM (SPACE).....	11,867	21,867
203 DRAGON U-2.....	37,217	37,217
204 ENDURANCE UNMANNED AERIAL VEHICLES.....	---	50,000
205 AIRBORNE RECONNAISSANCE SYSTEMS.....	3,841	13,841
206 MANNED RECONNAISSANCE SYSTEMS.....	20,975	20,975
207 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	18,902	18,902
208 RQ-4 UAV.....	256,307	244,807
209 NETWORK-CENTRIC COLLABORATIVE TARGET (TIARA).....	22,610	22,610
211 NATO AGS.....	38,904	38,904
212 SUPPORT TO DCGS ENTERPRISE.....	23,084	23,084
213 ADVANCED EVALUATION PROGRAM.....	116,143	---
214 GPS III SPACE SEGMENT.....	141,888	171,888

09H

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
215 INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES.....	2,360	2,360
216 JSPOC MISSION SYSTEM.....	72,889	72,889
217 RAPID CYBER ACQUISITION.....	4,280	4,280
218 NCMC -TW/AA SYSTEM.....	4,951	4,951
219 NUDET DETECTION SYSTEM (SPACE).....	21,093	21,093
220 SPACE SITUATION AWARENESS OPERATIONS.....	35,002	35,002
222 SHARED EARLY WARNING (SEW).....	6,366	6,366
223 C-130 AIRLIFT SQUADRON.....	15,599	15,599
224 C-5 AIRLIFT SQUADRONS.....	66,146	66,146
225 C-17 AIRCRAFT.....	12,430	12,430
226 C-130J PROGRAM.....	16,776	16,776

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL	
227	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM).....	5,166	5,166
228	KC-10S.....	---	3,500
229	OPERATIONAL SUPPORT AIRLIFT.....	13,817	13,817
230	CV-22.....	16,702	16,702
231	SPECIAL TACTICS / COMBAT CONTROL.....	7,164	7,164
232	DEPOT MAINTENANCE (NON-IF).....	1,518	1,518
233	LOGISTICS INFORMATION TECHNOLOGY (LOGIT).....	61,676	57,676
238	SUPPORT SYSTEMS DEVELOPMENT.....	9,128	9,128
235	OTHER FLIGHT TRAINING.....	1,653	1,653
236	OTHER PERSONNEL ACTIVITIES.....	57	57
237	JOINT PERSONNEL RECOVERY AGENCY.....	3,663	3,663
238	CIVILIAN COMPENSATION PROGRAM.....	3,735	3,735
239	PERSONNEL ADMINISTRATION.....	5,157	5,157
240	AIR FORCE STUDIES AND ANALYSIS AGENCY.....	1,523	1,523
242	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT..	10,581	10,581
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	4,365,499	4,175,846
9999	CLASSIFIED PROGRAMS.....	13,091,557	12,817,707
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE	28,112,251	27,788,548

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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

R-1	Budget Request	Final Bill
<b>1 DEFENSE RESEARCH SCIENCES</b>	<b>340,812</b>	<b>380,812</b>
Program increase - basic research		40,000
<b>2 UNIVERSITY RESEARCH INITIATIVES</b>	<b>145,044</b>	<b>150,044</b>
Program increase		5,000
<b>4 MATERIALS</b>	<b>126,152</b>	<b>159,152</b>
Program increase - electronics, optics and survivability		8,000
Program increase - structures, propulsion, and subsystems		5,000
Program increase - Air Force education and outreach program		10,000
Program increase - coating technologies		4,000
Program increase - certification of advanced materials		6,000
<b>5 AEROSPACE VEHICLE TECHNOLOGIES</b>	<b>122,831</b>	<b>132,831</b>
Program increase - hypersonic vehicle structures		10,000
<b>7 AEROSPACE PROPULSION</b>	<b>185,671</b>	<b>195,671</b>
Program increase - aerospace power technology		5,000
Program increase		5,000
<b>8 AEROSPACE SENSORS</b>	<b>155,174</b>	<b>162,674</b>
Program increase - electronic component technology		4,000
Program increase - spectrum monitoring		3,500
<b>12 DOMINANT INFORMATION SCIENCES AND METHODS</b>	<b>161,650</b>	<b>166,650</b>
Program increase		5,000
<b>14 ADVANCED MATERIALS FOR WEAPON SYSTEMS</b>	<b>35,137</b>	<b>53,137</b>
Program increase - metals affordability research		17,000
Program increase - protective equipment		1,000
<b>18 AEROSPACE PROPULSION AND POWER TECHNOLOGY</b>	<b>94,594</b>	<b>109,594</b>
Program increase - silicon carbide research		15,000
<b>19 ELECTRONIC COMBAT TECHNOLOGY</b>	<b>58,250</b>	<b>66,150</b>
Improved GPS - Department requested realignment of funds from lines 38, 54, 57, 121, 137, and 148		7,900
<b>20 ADVANCED SPACECRAFT TECHNOLOGY</b>	<b>61,593</b>	<b>71,593</b>
Program increase		10,000
<b>23 CONVENTIONAL WEAPONS TECHNOLOGY</b>	<b>102,009</b>	<b>107,009</b>
Program increase		5,000
<b>24 ADVANCED WEAPONS TECHNOLOGY</b>	<b>39,064</b>	<b>49,064</b>
Program increase		10,000
<b>25 MANUFACTURING TECHNOLOGY PROGRAM</b>	<b>46,344</b>	<b>62,344</b>
Program increase - additive manufacturing		10,000
Program increase		6,000
<b>33 ICBM DEM/VAL</b>	<b>108,663</b>	<b>113,663</b>
Program growth		-5,000
Program increase - solid rocket motor technology		10,000
<b>34 POLLUTION PREVENTION DEM/VAL</b>	<b>0</b>	<b>3,500</b>
Program increase - aviation ground equipment		3,500

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R-1		Budget Request	Final Bill
35	<b>LONG RANGE STRIKE-BOMBER</b> Forward financing	1,358,309	1,338,309 -20,000
37	<b>TECHNOLOGY TRANSFER</b> Program increase	3,368	8,368 5,000
38	<b>HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS)</b> Improved GPS - Department requested realignment of funds to lines 19 and 48 and RDTE,N line 139	74,308	54,708 -19,600
39	<b>WEATHER SYSTEM FOLLOW-ON</b> Unjustified request Program increase - commercial weather pilot program	118,953	93,953 -30,000 5,000
42	<b>OPERATIONALLY RESPONSIVE SPACE</b> Program increase - maintain fiscal year 2016 funding level	7,921	18,421 10,500
43	<b>TECH TRANSITION PROGRAM</b> Program increase - alternative energy research Program increase - logistics technologies Program increase - counter electronics high powered microwave advanced missile project	347,304	385,304 20,000 12,000 6,000
48	<b>NAVSTAR GPS (USER EQUIPMENT) (SPACE)</b> Unjustified cost growth Improved GPS - Department requested realignment of funds from lines 38,54,57,121,137, and 148	278,147	309,047 -4,000 34,900
54	<b>ELECTRONIC WARFARE DEVELOPMENT</b> Improved GPS - Department requested realignment of funds to RDTE,AF lines 19 and 48 and RDTE,N line 139 Forward financing	12,476	5,176 -3,300 -4,000
57	<b>SMALL DIAMETER BOMB</b> Improved GPS - Department requested realignment of funds to RDTE,AF lines 19 and 48 and RDTE,N line 139 Forward financing	54,838	39,138 -7,800 -7,900
62	<b>SBIRS HIGH</b> Unjustified request	181,966	161,966 -20,000
65	<b>AGILE COMBAT SUPPORT</b> CE readiness - forward financing Program increase	53,680	50,680 -15,000 12,000
68	<b>COMBAT TRAINING RANGES</b> Forward financing	77,409	68,409 -9,000
70	<b>EELV - EMD (SPACE)</b> Program increase	296,572	396,572 100,000
76	<b>KC-46</b> EMD funds excess to need (ECO)	261,724	229,924 -31,800
77	<b>ADVANCED PILOT TRAINING</b> EMD schedule slip	12,377	7,377 -5,000
78	<b>COMBAT RESCUE HELICOPTER (HH-60 RECAP)</b> Forward financing	319,331	273,331 -46,000

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R-1		Budget Request	Final Bill
80	<b>ADVANCED EHF MILSATCOM (SPACE)</b> Unjustified request	259,131	229,131 -30,000
81	<b>POLAR MILSATCOM (SPACE)</b> Unjustified request	50,815	45,815 -5,000
82	<b>WIDEBAND GLOBAL SATCOM (SPACE)</b> COMSATCOM pilot program COMSATCOM Pathfinder 3 - transfer from SP,AF line 5 Prior year carryover	41,632	76,632 10,000 30,000 -5,000
83	<b>AIR &amp; SPACE OPERATIONS CENTER 10.2</b> AOC 10.2 program delays	28,911	21,911 -7,000
84	<b>B-2 DEFENSIVE MANAGEMENT SYSTEM</b> EMD excess funds	315,615	289,015 -26,600
86	<b>F-15 EPAWSS</b> Excess funds	256,669	250,669 -6,000
90	<b>PRESIDENTIAL AIRCRAFT REPLACEMENT</b> Preliminary design funding early to need	351,220	322,220 -29,000
91	<b>AUTOMATED TEST SYSTEMS</b> Program growth	19,062	14,562 -4,500
97	<b>TEST AND EVALUATION SUPPORT</b> Program increase	661,417	676,417 15,000
99	<b>SPACE TEST PROGRAM</b> Program increase	27,070	42,070 15,000
102	<b>REQUIREMENTS ANALYSIS &amp; MATURATION</b> Program increase	29,100	34,100 5,000
104	<b>SPACE AND MISSILE CENTER CIVILIAN WORKFORCE</b> Prior year carryover	176,666	171,666 -5,000
111	<b>SPECIALIZED UNDERGRADUATE FLIGHT TRAINING</b> Program increase - remotely piloted aircraft training	15,427	18,427 3,000
118	<b>HC/MC-130 RECAP</b> Block 8.1 forward financing	13,987	8,987 -5,000
119	<b>B-52 SQUADRONS</b> Program increase	78,267	83,267 5,000
121	<b>B-1B SQUADRONS</b> Improved GPS - Department requested realignment of funds to lines 19 and 48 and RDTE,N line 139	5,830	3,930 -1,900
122	<b>B-2 SQUADRONS</b> AEHF strategic comms	152,458	127,458 -25,000
123	<b>MINUTEMAN SQUADRONS</b> ASU excess funds	182,958	178,958 -4,000
126	<b>WORLDWIDE JOINT STRATEGIC COMMUNICATIONS</b> Program increase - nuclear command, control, and communications development	6,042	13,042 7,000

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<b>R-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>131 MQ-9</b> Program growth	<b>151,373</b>	<b>138,373</b> -13,000
<b>133 A-10 SQUADRONS</b> Funding excess to need	<b>14,853</b>	<b>4,853</b> -10,000
<b>134 F-16 SQUADRONS</b> Operational flight program funding excess to need	<b>132,795</b>	<b>120,195</b> -12,600
<b>137 F-22 SQUADRONS</b> Improved GPS - Department requested realignment of funds to lines 19 and 48 and RDTE,N line 139 Small projects unjustified growth Program increase - F-22 software	<b>387,564</b>	<b>376,464</b> -8,100 -15,000 12,000
<b>138 F-35 SQUADRONS</b> Follow-on modernization ahead of need	<b>153,045</b>	<b>76,713</b> -76,332
<b>148 JASSM</b> Improved GPS - Department requested realignment of funds to lines 19 and 48 and RDTE,N line 139	<b>30,002</b>	<b>21,902</b> -8,100
<b>149 AIR AND SPACE OPERATIONS CENTER</b> AOC weapon system modification new start early to need AOC 10.1 - Air Force requested transfer of weapon system modification new start funds	<b>37,621</b>	<b>30,343</b> -12,278 5,000
<b>154 COMBAT AIR INTELLIGENCE SYSTEM</b> Program increase	<b>10,911</b>	<b>15,911</b> 5,000
<b>165 AF DEFENSIVE CYBERSPACE OPERATIONS</b> Program increase	<b>29,439</b>	<b>39,439</b> 10,000
<b>175 SPACE SUPERIORITY INTELLIGENCE</b> Unjustified request	<b>13,880</b>	<b>12,380</b> -1,500
<b>176 E-4B NAOC</b> Recap - excess funds	<b>30,948</b>	<b>26,048</b> -4,900
<b>178 MEECN</b> GASNT Increment 2 - excess funds	<b>47,471</b>	<b>40,171</b> -7,300
<b>179 INFORMATION SYSTEMS SECURITY PROGRAM</b> Forward financing	<b>46,388</b>	<b>37,388</b> -9,000
<b>188 SATELLITE CONTROL NETWORK (SPACE)</b> Underexecution	<b>15,624</b>	<b>14,624</b> -1,000
<b>190 ATCALs</b> Program increase	<b>9,770</b>	<b>17,770</b> 8,000
<b>SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY</b>		
<b>200 DEVELOPMENT</b> Unjustified request	<b>3,070</b>	<b>1,570</b> -1,500
<b>202 SPACELIFT RANGE SYSTEM (SPACE)</b> Program increase - space launch range services and capability	<b>11,867</b>	<b>21,867</b> 10,000
<b>204 ENDURANCE UAV</b> Program increase	<b>0</b>	<b>50,000</b> 50,000

(69N)

R-1	Budget Request	Final Bill
205 AIRBORNE RECONNAISSANCE SYSTEMS Program increase - wide area surveillance	3,841	13,841 10,000
208 RQ-4 Forward financing	256,307	244,807 -11,500
213 ADVANCED EVALUATION PROGRAM Program decrease	116,143	0 -116,143
214 GPS III SPACE SEGMENT Program increase - operational M-code risk mitigation for OCS	141,888	171,888 30,000
228 KC-10 Continue Mode 5 program	0	3,500 3,500
233 LOGIT Contract savings	61,676	57,676 -4,000
999 CLASSIFIED PROGRAMS Classified adjustment	13,091,557	12,817,707 -273,850

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agreement fully funds the request of \$128,019,000 for the program, of which only \$68,000,000 is required to conclude sufficient progress on radar risk reduction activities. The Secretary of the Air Force should apply the remaining funds to other risk reduction activities and the source selection process to accelerate entry into the engineering and manufacturing development (EMD) phase of the program.

The Secretary of the Air Force and the Under Secretary of Defense (Acquisition, Technology, and Logistics) are directed to provide a briefing to the congressional defense committees not later than 90 days after the enactment of this Act on a compressed acquisition schedule and funding profile for the JSTARS recapitalization program to achieve initial operational capability and full operational capability as early as possible. The briefing shall detail the schedule for the EMD phase including source selection and contract award for EMD.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION,  
DEFENSE-WIDE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

Insert 71A-M

~~(INSERT PROJECT LEVEL TABLE)~~

RAPID PROTOTYPING PROGRAM

The agreement includes \$100,000,000 for a rapid prototyping program. The Secretary of Defense is directed to brief the House and Senate Appropriations Committees on a plan for execution 20 days prior to transfer or obligation of any funds for this program.

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
RESEARCH, DEVELOPMENT, TEST & EVAL, DEFENSE-WIDE		
BASIC RESEARCH		
1	DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH..	35,436 35,436
2	DEFENSE RESEARCH SCIENCES.....	362,297 362,297
3	BASIC RESEARCH INITIATIVES.....	36,654 68,154
4	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE.....	57,791 57,791
5	NATIONAL DEFENSE EDUCATION PROGRAM.....	69,345 79,345
6	HISTORICALLY BLACK COLLEGES & UNIV (HBCU).....	23,572 33,572
7	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	44,800 44,800
	TOTAL, BASIC RESEARCH.....	629,895 681,395
APPLIED RESEARCH		
8	JOINT MUNITIONS TECHNOLOGY.....	17,745 17,745
9	BIOMEDICAL TECHNOLOGY.....	115,213 115,213
10	DEFENSE TECHNOLOGY INNOVATION.....	30,000 10,000
11	LINCOLN LABORATORY RESEARCH PROGRAM.....	48,269 48,269
12	APPLIED RESEARCH FOR ADVANCEMENT S&T PRIORITIES.....	42,206 42,206
13	INFORMATION AND COMMUNICATIONS TECHNOLOGY.....	353,635 353,635
14	BIOLOGICAL WARFARE DEFENSE.....	21,250 21,250
15	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	188,715 193,715
16	CYBER SECURITY RESEARCH.....	12,183 12,183
17	TACTICAL TECHNOLOGY.....	313,843 313,843
18	MATERIALS AND BIOLOGICAL TECHNOLOGY.....	220,456 220,456
19	ELECTRONICS TECHNOLOGY.....	221,911 211,911
20	WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES.....	154,857 154,857
21	SOFTWARE ENGINEERING INSTITUTE.....	8,420 8,420
22	SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT.....	37,820 46,220
	TOTAL, APPLIED RESEARCH.....	1,786,523 1,769,923

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
23	ADVANCED TECHNOLOGY DEVELOPMENT JOINT MUNITIONS ADVANCED TECH INSENSITIVE MUNITIONS AD	23,902 23,902
25	COMBATING TERRORISM TECHNOLOGY SUPPORT.....	73,002 115,502
26	FOREIGN COMPARATIVE TESTING.....	19,343 19,343
27	COUNTERPROLIFERATION INITIATIVES--PROLIF PREV & DEFEAT	266,444 266,444
28	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT.....	17,880 15,015
30	WEAPONS TECHNOLOGY.....	71,843 49,643
31	ADVANCED C4ISR.....	3,626 3,626
32	ADVANCED RESEARCH.....	23,433 23,433
33	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT.....	17,256 17,256
35	SPECIAL PROGRAM--MDA TECHNOLOGY.....	83,745 11,795
36	ADVANCED AEROSPACE SYSTEMS.....	182,327 182,327
37	SPACE PROGRAMS AND TECHNOLOGY.....	175,240 160,240
38	ANALYTIC ASSESSMENTS.....	12,048 12,048
39	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS.....	57,020 57,020
40	COMMON KILL VEHICLE TECHNOLOGY.....	--- 56,513
41	TECHNOLOGY INNOVATION.....	39,923 19,923
42	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEV	127,941 132,941
43	RETRACT LARCH.....	181,977 181,977
44	JOINT ELECTRONIC ADVANCED TECHNOLOGY.....	22,030 22,030
45	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS.....	148,184 132,184
46	NETWORKED COMMUNICATIONS CAPABILITIES.....	9,331 9,331
47	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROG	158,398 158,398
48	MANUFACTURING TECHNOLOGY PROGRAM.....	31,259 41,259
49	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT.....	49,895 55,895
50	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS.....	11,011 40,011
52	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM.....	65,078 65,078
53	MICROELECTRONIC TECHNOLOGY DEVELOPMENT AND SUPPORT....	97,826 89,826

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
54	JOINT WARFIGHTING PROGRAM.....	7,848 4,848
55	ADVANCED ELECTRONICS TECHNOLOGIES.....	49,807 49,807
56	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS.....	155,081 155,081
57	NETWORK-CENTRIC WARFARE TECHNOLOGY.....	428,894 419,894
58	SENSOR TECHNOLOGY.....	241,288 241,288
59	DEFENSE RAPID INNOVATION PROGRAM.....	--- 250,000
60	SOFTWARE ENGINEERING INSTITUTE.....	14,264 14,264
61	QUICK REACTION SPECIAL PROJECTS.....	74,943 79,943
63	ENGINEERING SCIENCE AND TECHNOLOGY.....	17,659 22,659
64	TEST & EVALUATION SCIENCE & TECHNOLOGY.....	87,135 92,135
65	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT.....	37,329 42,329
66	CWMD SYSTEMS.....	44,836 21,236
67	SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT....	61,620 90,620
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	3,190,666 3,447,064
68	DEMONSTRATION & VALIDATION NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT..	28,498 26,498
69	WALKOFF.....	89,643 89,643
71	ACQUISITION ENTERPRISE DATA AND INFORMATION SERVICES..	2,136 2,136
72	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM	52,491 46,491
73	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT....	206,834 201,834
74	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT...	862,080 967,780
75	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	138,187 138,187
76	BALLISTIC MISSILE DEFENSE SENSORS.....	230,077 221,977
77	BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS.....	401,594 426,594
78	SPECIAL PROGRAMS - MDA.....	321,607 304,677
79	AEGIS BMD.....	959,066 919,066
80	SPACE SURVEILLANCE & TRACKING SYSTEM.....	32,129 32,129
81	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS.....	20,690 20,690
82	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT.....	439,617 433,278

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
83 BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT....	47,776	47,776
84 BALLISTIC MISSILE DEFENSE INTERGRATION AND OPERATIONS CENTER (MDIOC).....	54,750	54,750
85 REGARDING TRENCH.....	8,785	8,785
86 SEA BASED X-BAND RADAR (SBX).....	68,787	68,787
87 ISRAELI COOPERATIVE PROGRAMS.....	103,835	268,735
88 BALLISTIC MISSILE DEFENSE TEST.....	293,441	294,441
89 BALLISTIC MISSILE DEFENSE TARGETS.....	563,576	531,476
90 HUMANITARIAN DEMINING.....	10,007	10,007
91 COALITION WARFARE.....	10,126	10,126
92 DEPARTMENT OF DEFENSE CORROSION PROGRAM.....	3,893	13,893
93 TECHNOLOGY MATURATION INITIATIVES.....	90,266	86,392
94 MISSILE DEFEAT PROJECT.....	45,000	45,000
95 ADVANCED INNOVATIVE TECHNOLOGIES.....	844,870	834,870
97 DOD UNMANNED AIRCRAFT SYSTEM (UAS) COMMON DEVELOPMENT.	3,320	7,320
99 WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA)....	4,000	4,000
102 JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY.....	23,642	23,642
104 LONG RANGE DISCRIMINATION RADAR.....	162,012	170,112
105 IMPROVED HOMELAND DEFENSE INTERCEPTORS.....	274,148	219,346
106 BMD TERMINAL DEFENSE SEGMENT TEST.....	63,444	58,444
107 AEGIS BMD TEST.....	95,012	95,012
108 BALLISTIC MISSILE DEFENSE SENSOR TEST.....	83,250	88,150
109 LAND-BASED SM-3 (LBSM3).....	43,293	43,293
110 AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT.....	106,038	106,038
111 BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT TEST.....	56,481	62,781
112 MULTI-OBJECT KILL VEHICLE.....	71,513	---
114 JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM.....	2,636	2,636
115 CYBER SECURITY INITIATIVE.....	969	969
115X RAPID PROTOTYPING PROGRAM.....	---	100,000
TOTAL, DEMONSTRATION & VALIDATION.....	6,919,519	7,104,761

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
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ENGINEERING & MANUFACTURING DEVELOPMENT		
116 NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT..	10,324	10,324
117 PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT.....	181,303	161,303
118 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	266,231	281,231
120 JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	16,288	16,288
121 WEAPONS OF MASS DESTRUCTION DEFEAT CAPABILITIES.....	4,568	4,568
122 INFORMATION TECHNOLOGY DEVELOPMENT.....	11,505	11,505
123 HOMELAND PERSONNEL SECURITY INITIATIVE.....	1,658	1,658
124 DEFENSE EXPORTABILITY PROGRAM.....	2,920	2,920
126 DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION..	12,631	12,631
128 DEFENSE AGENCY INITIATIVES FINANCIAL SYSTEM.....	26,657	26,657
129 DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS).....	4,949	4,949
130 TRUSTED FOUNDRY.....	69,000	69,000
131 DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITY.....	9,881	8,681
132 GLOBAL COMBAT SUPPORT SYSTEM.....	7,600	7,600
133 DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM)...	2,703	2,703
-----		
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	628,218	622,018
RDT&E MANAGEMENT SUPPORT		
134 DEFENSE READINESS REPORTING SYSTEM (DRRS).....	4,678	4,678
135 JOINT SYSTEMS ARCHITECTURE DEVELOPMENT.....	4,499	3,099
136 CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT....	219,199	219,199
137 ASSESSMENTS AND EVALUATIONS.....	28,706	28,706
138 MISSION SUPPORT.....	69,244	69,244
139 JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC).....	87,080	67,080
140 TECHNICAL STUDIES, SUPPORT AND ANALYSIS.....	23,069	21,469
142 JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION.	32,759	32,759
143 CLASSIFIED PROGRAM USD(P).....	---	130,000
144 SYSTEMS ENGINEERING.....	32,429	32,429
145 STUDIES AND ANALYSIS SUPPORT.....	3,797	2,797
146 NUCLEAR MATTERS - PHYSICAL SECURITY.....	5,302	5,302
147 SUPPORT TO NETWORKS AND INFORMATION INTEGRATION.....	7,246	7,246
148 GENERAL SUPPORT TO USD (INTELLIGENCE).....	1,874	1,874

71E

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
149 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	85,754	85,754
158 SMALL BUSINESS INNOVATION RESEARCH/TECHNOLOGY TRANSFER	2,187	2,187
159 DEFENSE TECHNOLOGY ANALYSIS.....	22,650	25,650
160 DEFENSE TECHNICAL INFORMATION CENTER (DTIC).....	43,834	43,834
161 R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION	22,240	15,240
162 DEVELOPMENT TEST AND EVALUATION.....	19,541	21,541
163 MANAGEMENT HEADQUARTERS (RESEARCH & DEVELOPMENT).....	4,759	4,759
164 MANAGEMENT HEADQUARTERS DEFENSE TECHNICAL INFORMATION CENTER (DTIC).....	4,400	4,400
165 BUDGET AND PROGRAM ASSESSMENTS.....	4,014	4,014
166 OPERATIONS SECURITY (OPSEC).....	2,072	2,072
167 JOINT STAFF ANALYTICAL SUPPORT.....	7,464	5,464
170 SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES...	857	857
171 DEFENSE MILITARY DECEPTION PROGRAM OFFICE.....	916	916
172 COMBINED ADVANCED APPLICATIONS.....	15,336	15,336
173 CYBER INTELLIGENCE.....	18,523	10,523
175 COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION.	34,384	29,984
176 MANAGEMENT HEADQUARTERS - MDA.....	31,160	31,160
179 JOINT SERVICE PROVIDER (JSP).....	827	827
9999 CLASSIFIED PROGRAMS.....	56,799	56,799
TOTAL, RDT&E MANAGEMENT SUPPORT.....	897,599	987,199
181 OPERATIONAL SYSTEMS DEVELOPMENT ENTERPRISE SECURITY SYSTEM (ESS).....	4,241	4,241
182 REGIONAL INTERNATIONAL OUTREACH & PARTNERSHIP FOR PEAC	1,424	1,424
183 OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SY	287	287
184 INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT.....	16,195	16,195
185 OPERATIONAL SYSTEMS DEVELOPMENT.....	4,194	4,194
186 GLOBAL THEATER SECURITY COOPERATION MANAGEMENT.....	7,861	7,861
187 CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS D	33,361	33,361
189 PLANNING AND DECISION AID SYSTEM.....	3,038	3,038
190 C4I INTEROPERABILITY.....	57,501	57,501

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
192 JOINT/ALLIED COALITION INFORMATION SHARING.....	5,935	5,509
196 NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT.....	575	575
197 DEFENSE INFO INFRASTRUCTURE ENGINEERING & INTEGRATION.	18,041	18,041
198 LONG HAUL COMMUNICATIONS (DCS).....	13,994	13,994
199 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK....	12,206	12,206
200 PUBLIC KEY INFRASTRUCTURE (PKI).....	34,314	34,314
201 KEY MANAGEMENT INFRASTRUCTURE (KMI).....	36,602	36,602
202 INFORMATION SYSTEMS SECURITY PROGRAM.....	8,876	8,876
203 INFORMATION SYSTEMS SECURITY PROGRAM.....	159,068	161,068
204 GLOBAL COMMAND AND CONTROL SYSTEM.....	24,438	21,438
205 JOINT SPECTRUM CENTER (DEFENSE SPECTRUM ORGANIZATION).	13,197	13,197
207 JOINT INFORMATION ENVIRONMENT (JIE).....	2,789	2,789
209 FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY.	75,000	75,000
210 TELEPORT PROGRAM.....	657	657
215 CYBER SECURITY INITIATIVE.....	1,553	1,553
220 POLICY R&D PROGRAMS.....	6,204	3,204
221 NET CENTRICITY.....	17,971	17,971
223 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	5,415	5,415
226 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	3,030	3,030
229 INSIDER THREAT.....	5,034	5,034
230 HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM.....	2,037	7,037
236 INTELLIGENCE MISSION DATA (IMD).....	13,800	13,800
238 PACIFIC DISASTER CENTERS.....	1,754	1,754
239 DEFENSE PROPERTY ACCOUNTABILITY SYSTEM.....	2,154	2,154
240 MANAGEMENT HEADQUARTERS (JCS).....	826	826
241 MQ-9 UAV.....	17,804	17,804
244 SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEV.....	159,143	158,253
245 SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT...	7,958	5,958
246 SOF OPERATIONAL ENHANCEMENTS.....	64,895	54,895
247 WARRIOR SYSTEMS.....	44,885	65,885
248 SPECIAL PROGRAMS.....	1,949	1,949

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(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
249 UNMANNED ISR.....	22,117	22,117
250 SOF TACTICAL VEHICLES.....	3,316	3,316
251 SOF MARITIME SYSTEMS.....	54,577	54,577
252 SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES.....	3,841	3,841
253 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE.....	11,834	11,834
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	985,891	994,575
999 CLASSIFIED PROGRAMS.....	3,270,515	3,221,615
DARPA UNDISTRIBUTED REDUCTION.....	---	-50,000
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, DEF-WIDE.	18,308,826	18,778,550

714

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
 [In thousands of dollars]

<b>R-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>3 BASIC RESEARCH INITIATIVES</b>	<b>36,654</b>	<b>68,154</b>
Program increase		31,500
<b>5 NATIONAL DEFENSE EDUCATION PROGRAM</b>	<b>69,345</b>	<b>79,345</b>
Program increase		10,000
<b>6 HISTORICALLY BLACK COLLEGES &amp; UNIVERSITIES (HBCU)</b>	<b>23,572</b>	<b>33,572</b>
Program increase		10,000
<b>10 DEFENSE TECHNOLOGY INNOVATION</b>	<b>30,000</b>	<b>10,000</b>
Program decrease		-20,000
<b>15 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM</b>	<b>188,715</b>	<b>193,715</b>
Program increase		5,000
<b>19 ELECTRONICS TECHNOLOGY</b>	<b>221,911</b>	<b>211,911</b>
Unjustified growth		-10,000
<b>22 SOF TECHNOLOGY DEVELOPMENT</b>	<b>37,820</b>	<b>46,220</b>
Program increase		3,400
Program increase - thermal signature management technology		5,000
<b>25 COMBATING TERRORISM TECHNOLOGY SUPPORT</b>	<b>73,002</b>	<b>115,502</b>
Program increase - Israeli tunneling		42,500
<b>28 ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT</b>	<b>17,880</b>	<b>15,015</b>
Test delays		-2,865
<b>30 WEAPONS TECHNOLOGY</b>	<b>71,843</b>	<b>49,643</b>
Directed energy research unjustified growth		-22,200
<b>35 SPECIAL PROGRAM - MDA TECHNOLOGY</b>	<b>83,745</b>	<b>11,795</b>
Program decrease		-71,950
<b>37 SPACE PROGRAMS AND TECHNOLOGY</b>	<b>175,240</b>	<b>160,240</b>
Unjustified growth		-15,000
<b>40 COMMON KILL VEHICLE TECHNOLOGY</b>	<b>0</b>	<b>56,513</b>
MOKV - transfer from line 112		56,513
<b>41 TECHNOLOGY INNOVATION</b>	<b>39,923</b>	<b>19,923</b>
Classified program adjustment		-20,000
<b>CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED</b>		
<b>42 DEVELOPMENT</b>	<b>127,941</b>	<b>132,941</b>
Program increase		5,000
<b>45 JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS</b>	<b>148,184</b>	<b>132,184</b>
Program decrease		-16,000
<b>48 MANUFACTURING TECHNOLOGY PROGRAM</b>	<b>31,259</b>	<b>41,259</b>
Program increase		10,000
<b>49 EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT</b>	<b>49,895</b>	<b>55,895</b>
Program increase		6,000

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R-1	Budget Request	Final Bill
<b>50 GENERIC LOGISTICS R&amp;D TECHNOLOGY DEMONSTRATIONS</b>	<b>11,011</b>	<b>40,011</b>
Program increase		4,000
Program increase - national security technology accelerator		25,000
<b>53 MICROELECTRONIC TECHNOLOGY DEVELOPMENT</b>	<b>97,826</b>	<b>89,826</b>
Unobligated balances		-8,000
<b>54 JOINT WARFIGHTING PROGRAM</b>	<b>7,848</b>	<b>4,848</b>
Prior year carryover		-3,000
<b>57 NETWORK-CENTRIC WARFARE TECHNOLOGY</b>	<b>428,894</b>	<b>419,894</b>
Program decrease		-9,000
<b>59 DEFENSE RAPID INNOVATION FUND</b>	<b>0</b>	<b>250,000</b>
Program increase		250,000
<b>61 QUICK REACTION SPECIAL PROJECTS</b>	<b>74,943</b>	<b>79,943</b>
Forward financing		-5,000
Program increase		10,000
<b>63 ENGINEERING SCIENCE AND TECHNOLOGY</b>	<b>17,659</b>	<b>22,659</b>
Program increase		5,000
<b>64 TEST &amp; EVALUATION SCIENCE &amp; TECHNOLOGY</b>	<b>87,135</b>	<b>92,135</b>
Program increase		5,000
<b>65 OPERATIONAL ENERGY CAPABILITY IMPROVEMENT</b>	<b>37,329</b>	<b>42,329</b>
Program increase		5,000
<b>66 CWMD SYSTEMS</b>	<b>44,836</b>	<b>21,236</b>
Program decrease		-23,600
<b>SPECIAL OPERATIONS ADVANCED TECHNOLOGY</b>		
<b>67 DEVELOPMENT</b>	<b>61,620</b>	<b>90,620</b>
Program increase		29,000
<b>NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY</b>		
<b>68 EQUIPMENT</b>	<b>28,498</b>	<b>26,498</b>
Unobligated balances		-2,000
<b>ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION</b>		
<b>72 PROGRAM</b>	<b>52,491</b>	<b>46,491</b>
Unobligated balances		-6,000
<b>73 BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT</b>	<b>206,834</b>	<b>201,834</b>
THAAD development previously funded efforts		-5,000
<b>74 BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT</b>	<b>862,080</b>	<b>967,780</b>
Software delays		-5,000
Program increase		110,700
<b>76 BALLISTIC MISSILE DEFENSE SENSORS</b>	<b>230,077</b>	<b>221,977</b>
LRDR program office - transfer to line 104		-8,100
<b>77 BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS</b>	<b>401,594</b>	<b>426,594</b>
Program increase - cyber training and enhancements		25,000
<b>78 SPECIAL PROGRAMS - MDA</b>	<b>321,607</b>	<b>304,677</b>
Program decrease		-16,930

715

R-1	Budget Request	Final Bill
<b>79 AEGIS BMD</b>	<b>959,066</b>	<b>919,066</b>
Aegis BMD 6.x development excess growth		-10,000
SM-3 IIA development excess growth		-20,000
SM-3 Block IIA FTM-29 flight test integration not required due to program delays		-10,000
<b>82 BALLISTIC MISSILE DEFENSE C2BMC</b>	<b>439,617</b>	<b>433,278</b>
Development and deployment unauthorized prior year funding		-7,239
Communications unjustified growth		-3,000
Program increase - FTG-11 test acceleration		3,900
<b>86 SEA BASED X-BAND RADAR (SBX)</b>	<b>68,787</b>	<b>85,787</b>
Test previously completed		-3,000
Program increase - reliability improvements and maintenance		20,000
<b>87 ISRAELI COOPERATIVE PROGRAMS</b>	<b>103,835</b>	<b>268,735</b>
Israeli Upper Tier		29,100
Israeli Arrow program		56,500
Short range ballistic missile defense		79,300
<b>88 BMD TESTS</b>	<b>293,441</b>	<b>294,441</b>
FTT-18 and FTT-15 efficiencies		-2,000
Program increase - tech refresh		3,000
<b>89 BMD TARGETS</b>	<b>563,576</b>	<b>531,476</b>
Test delays		-500
MRBM T3C2 contract award delay		-40,900
Program increase - FTG-11 test acceleration		9,300
<b>92 DEPARTMENT OF DEFENSE CORROSION PROGRAM</b>	<b>3,893</b>	<b>13,893</b>
Program increase		10,000
<b>93 TECHNOLOGY MATURATION INITIATIVES</b>	<b>90,266</b>	<b>86,392</b>
Directed energy prototype development unjustified growth		-3,874
<b>95 ADVANCED INNOVATIVE TECHNOLOGIES</b>	<b>844,870</b>	<b>834,870</b>
Program decrease		-10,000
<b>DOD UNMANNED AIRCRAFT SYSTEM (UAS) COMMON</b>		
<b>97 DEVELOPMENT</b>	<b>3,320</b>	<b>7,320</b>
Program increase		4,000
<b>104 LONG RANGE DISCRIMINATION RADAR</b>	<b>162,012</b>	<b>170,112</b>
LRDR program office - transfer from line 76		8,100
<b>105 IMPROVED HOMELAND DEFENSE INTERCEPTORS</b>	<b>274,148</b>	<b>219,346</b>
Schedule delay		-30,000
MD97 FTG-18 RKV flight test unit long lead materials early to need		-4,000
MD97 C3 booster lack of requirements and acquisition strategy		-20,802
<b>BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT</b>		
<b>106 TEST</b>	<b>63,444</b>	<b>58,444</b>
Test delays		-5,000
<b>108 BALLISTIC MISSILE DEFENSE SENSORS TEST</b>	<b>83,250</b>	<b>88,150</b>
Program increase - FTG-11 test acceleration		4,900

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R-1	Budget Request	Final Bill
<b>BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT</b>		
<b>111 TEST</b>	<b>56,481</b>	<b>62,781</b>
Program increase - FTG-11 test acceleration		6,300
<b>112 MULTI-OBJECT KILL VEHICLE</b>	<b>71,513</b>	<b>0</b>
Change to acquisition strategy		-15,000
MOKV - transfer to line 40		-56,513
<b>115X RAPID PROTOTYPING PROGRAM</b>	<b>0</b>	<b>100,000</b>
Program increase		100,000
<b>117 PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT</b>	<b>181,303</b>	<b>161,303</b>
Program rephase due to schedule slip		-20,000
<b>118 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM</b>	<b>266,231</b>	<b>281,231</b>
Program increase - chemical weapon detection		15,000
<b>131 DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITY</b>	<b>9,881</b>	<b>8,681</b>
Prior year carryover		-1,200
<b>135 JOINT SYSTEMS ARCHITECTURE DEVELOPMENT</b>	<b>4,499</b>	<b>3,099</b>
Prior year carryover		-1,400
<b>139 JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)</b>	<b>87,080</b>	<b>67,080</b>
Eliminate program growth		-20,000
<b>140 TECHNICAL STUDIES, SUPPORT AND ANALYSIS</b>	<b>23,069</b>	<b>21,469</b>
Prior year carryover		-1,600
<b>143 CLASSIFIED PROGRAM USD(P)</b>	<b>0</b>	<b>130,000</b>
Classified adjustment		130,000
<b>145 STUDIES AND ANALYSIS SUPPORT</b>	<b>3,797</b>	<b>2,797</b>
Eliminate program growth		-1,000
<b>159 DEFENSE TECHNOLOGY ANALYSIS</b>	<b>22,650</b>	<b>25,650</b>
Program increase		3,000
<b>R&amp;D IN SUPPORT OF DOD ENLISTMENT, TESTING &amp;</b>		
<b>161 EVALUATION</b>	<b>22,240</b>	<b>15,240</b>
Eliminate program growth		-7,000
<b>162 DEVELOPMENT TEST AND EVALUATION</b>	<b>19,541</b>	<b>21,541</b>
Program increase		2,000
<b>167 JOINT STAFF ANALYTICAL SUPPORT</b>	<b>7,464</b>	<b>5,464</b>
Delayed new start contract award		-2,000
<b>173 CYBER INTELLIGENCE</b>	<b>18,523</b>	<b>10,523</b>
Eliminate program growth		-8,000
<b>COCOM EXERCISE ENGAGEMENT AND TRAINING</b>		
<b>175 TRANSFORMATION</b>	<b>34,384</b>	<b>29,984</b>
Program decrease		-4,400
<b>192 JOINT/ALLIED COALITION INFORMATION SHARING</b>	<b>5,935</b>	<b>5,509</b>
Prior year carryover		-426

(71L)



<b>R-1</b>	<b>Budget Request</b>	<b>Final Bill</b>
<b>203 INFORMATION SYSTEMS SECURITY PROGRAM</b>	<b>159,068</b>	<b>161,068</b>
Program increase - Sharkseer		2,000
<b>204 GLOBAL COMMAND AND CONTROL SYSTEM</b>	<b>24,438</b>	<b>21,438</b>
Eliminate program growth		-3,000
<b>220 POLICY R&amp;D PROGRAMS</b>	<b>6,204</b>	<b>3,204</b>
Prior year carryover		-3,000
<b>230 HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM</b>	<b>2,037</b>	<b>7,037</b>
Program increase		5,000
<b>SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED</b>		
<b>244 DEVELOPMENT</b>	<b>159,143</b>	<b>158,253</b>
Special Operation mission planning environment - prior year carryover		-890
<b>SPECIAL OPERATIONS INTELLIGENCE SYSTEMS</b>		
<b>245 DEVELOPMENT</b>	<b>7,958</b>	<b>5,958</b>
Contract award delay		-2,000
<b>246 SOF OPERATIONAL ENHANCEMENTS</b>	<b>64,895</b>	<b>54,895</b>
Prior year carryover		-10,000
<b>247 WARRIOR SYSTEMS</b>	<b>44,885</b>	<b>65,885</b>
Program increase		12,000
Program increase - visual augmentation devices		3,000
Program increase - switchblade systems		6,000
<b>999 CLASSIFIED PROGRAMS</b>	<b>3,270,515</b>	<b>3,221,615</b>
Classified adjustment		-48,900
<b>DARPA UNDISTRIBUTED REDUCTION</b>		<b>-50,000</b>
DARPA undistributed reduction		-50,000

(71M)

## OPERATIONAL TEST AND EVALUATION, DEFENSE

The agreement on items addressed by either the House or the Senate is as follows:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
OPERATIONAL TEST AND EVALUATION	78,047	78,047
LIVE FIRE TESTING	48,316	48,316
OPERATIONAL TEST ACTIVITIES AND ANALYSIS	52,631	60,631
Program increase - threat resource analysis		8,000
<b>TOTAL, OPERATIONAL TEST AND EVALUATION, DEFENSE</b>	<b>178,994</b>	<b>186,994</b>

## TITLE V - REVOLVING AND MANAGEMENT FUNDS

The agreement provides \$1,511,613,000 in Title V, Revolving and Management Funds. The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT REVOLVING FUNDS SUMMARY TABLE)~~

insert 73A

(IN THOUSANDS OF DOLLARS)

BUDGET  
REQUEST

FINAL  
BILL

TITLE V

REVOLVING AND MANAGEMENT FUNDS

DEFENSE WORKING CAPITAL FUNDS.....	1,371,613	1,511,613
NATIONAL DEFENSE SEALIFT FUND.....	---	---
TOTAL, TITLE V, REVOLVING AND MANAGEMENT FUNDS..	1,371,613	1,511,613

73A

## DEFENSE WORKING CAPITAL FUNDS

The agreement on items addressed by either the House or the Senate is as follows:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
WORKING CAPITAL FUND, ARMY	56,469	196,469
Program increase - arsenal initiative		140,000
WORKING CAPITAL FUND, AIR FORCE	63,967	63,967
WORKING CAPITAL FUND, DEFENSE-WIDE	37,132	37,132
DEFENSE WORKING CAPITAL FUND, DECA	1,214,045	1,214,045
<b>TOTAL, DEFENSE WORKING CAPITAL FUNDS</b>	<b>1,371,613</b>	<b>1,511,613</b>

## TITLE VI - OTHER DEPARTMENT OF DEFENSE PROGRAMS

The agreement provides \$35,615,831,000 in Title VI, Other Department of Defense Programs. The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT OTHER DOD PROGRAMS SUMMARY TABLE)~~

Insert 75A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
TITLE VI		
OTHER DEPARTMENT OF DEFENSE PROGRAMS		
DEFENSE HEALTH PROGRAM		
OPERATION AND MAINTENANCE.....	32,231,390	31,277,002
PROCUREMENT.....	413,219	402,161
RESEARCH, DEVELOPMENT, TEST AND EVALUATION.....	822,907	2,102,107
TOTAL, DEFENSE HEALTH PROGRAM.....	33,467,516	33,781,270
-----		
CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE		
OPERATION AND MAINTENANCE.....	147,282	119,985
PROCUREMENT.....	15,132	15,132
RESEARCH, DEVELOPMENT, TEST AND EVALUATION.....	388,609	388,609
TOTAL, CHEMICAL AGENTS.....	551,023	523,726
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	844,800	998,800
JOINT URGENT OPERATIONAL NEEDS FUND.....	99,300	---
OFFICE OF THE INSPECTOR GENERAL.....	322,035	312,035
TOTAL, TITLE VI, OTHER DEPARTMENT OF DEFENSE PROGRAMS.....	35,284,674	35,615,831
	=====	=====

75A

DEFENSE HEALTH PROGRAM

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

Insert 76A-C

~~(INSERT PROJECT LEVEL TABLE)~~



(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
DEFENSE HEALTH PROGRAM		
OPERATION AND MAINTENANCE		
IN-HOUSE CARE.....	9,240,160	9,159,329
PRIVATE SECTOR CARE.....	15,738,759	15,082,759
CONSOLIDATED HEALTH SUPPORT.....	2,367,759	2,279,627
INFORMATION MANAGEMENT.....	1,743,749	1,737,749
MANAGEMENT ACTIVITIES.....	311,380	307,578
EDUCATION AND TRAINING.....	743,231	691,458
BASE OPERATIONS/COMMUNICATIONS.....	2,086,352	2,018,502
	-----	-----
SUBTOTAL, OPERATION AND MAINTENANCE.....	32,231,390	31,277,002
PROCUREMENT		
INITIAL OUTFITTING.....	20,611	20,611
REPLACEMENT AND MODERNIZATION.....	360,727	349,669
JOINT OPERATOINAL MEDICINE INFORMATION SYSTEM.....	2,413	2,413
DOD HEALTH MANAGEMENT SYSTEM MODERNIZATION.....	29,468	29,468
	-----	-----
SUBTOTAL, PROCUREMENT.....	413,219	402,161
RESEARCH DEVELOPMENT TEST AND EVALUATION		
RESEARCH.....	9,097	9,097
EXPLORATORY DEVELOPMENT.....	58,517	58,517
ADVANCED DEVELOPMENT.....	221,226	221,226
DEMONSTRATION/VALIDATION.....	96,602	96,602
ENGINEERING DEVELOPMENT.....	364,057	364,057
MANAGEMENT AND SUPPORT.....	58,410	58,410
CAPABILITIES ENHANCEMENT.....	14,998	14,998
UNDISTRIBUTED MEDICAL RESEARCH.....	---	1,279,200
	-----	-----
SUBTOTAL, RESEARCH DEVELOPMENT TEST AND EVALUATION	822,907	2,102,107
	-----	-----
TOTAL, DEFENSE HEALTH PROGRAM.....	33,467,516	33,781,270
	=====	=====

F/A

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

	<b>Budget Request</b>	<b>Final Bill</b>
<b>OPERATION AND MAINTENANCE</b>		
<b>IN-HOUSE CARE</b>	<b>9,240,160</b>	<b>9,159,329</b>
Pharmacy supplies unjustified growth		-9,000
Overestimation of MTF utilization		-63,200
Printing and reproduction excess growth		-2,500
Travel unjustified growth		-6,131
<b>PRIVATE SECTOR CARE</b>	<b>15,738,759</b>	<b>15,082,759</b>
Pharmacy benefit reform unauthorized		17,000
Health benefit reform unauthorized		-57,000
Other costs unjustified growth		-73,000
Historical underexecution		-575,000
ABA autism therapy reimbursement		32,000
<b>CONSOLIDATED HEALTH SUPPORT</b>	<b>2,367,759</b>	<b>2,279,627</b>
Therapeutic service dog training program		5,000
Travel unjustified growth		-4,100
Other health activities excess growth		-15,000
Historical underexecution		-74,032
<b>INFORMATION MANAGEMENT</b>	<b>1,743,749</b>	<b>1,737,749</b>
Other costs unjustified growth		-6,000
<b>MANAGEMENT ACTIVITIES</b>	<b>311,380</b>	<b>307,578</b>
Travel unjustified growth		-2,232
IT contract support services excess growth		-1,570
<b>EDUCATION AND TRAINING</b>	<b>743,231</b>	<b>691,458</b>
Travel unjustified growth		-883
Historical underexecution		-25,517
HPSP reduction not properly accounted		-25,373
<b>BASE OPERATIONS AND COMMUNICATIONS</b>	<b>2,086,352</b>	<b>2,018,502</b>
Other costs unjustified growth		-1,850
Visual information systems underexecution		-2,000
Initial outfitting of new construction ahead of need		-60,000
Telecommunications contract requirements unjustified growth		-4,000
<b>TOTAL, OPERATION AND MAINTENANCE</b>	<b>32,231,390</b>	<b>31,277,002</b>
<b>PROCUREMENT</b>		
Initial outfitting of new construction ahead of need		-9,000
Excess price growth		-2,058
<b>TOTAL, PROCUREMENT</b>	<b>413,219</b>	<b>402,161</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		60,000

(76B)

	<b>Budget Request</b>	<b>Final Bill</b>
Peer-reviewed Duchenne muscular dystrophy research		3,200
Peer-reviewed epilepsy research		7,500
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 medical research		300,000
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
Peer-reviewed vision research		15,000
Global HIV/AIDS prevention		8,000
HIV/AIDS program increase		12,900
Joint warfighter medical research		50,000
Orthotics and prosthetics outcome research		10,000
Trauma clinical research program		10,000
Restore core funding reduction		264,600
<b>TOTAL, RESEARCH AND DEVELOPMENT</b>	<b>822,907</b>	<b>2,102,107</b>

760

## REPROGRAMMING GUIDANCE FOR THE DEFENSE HEALTH PROGRAM

Concerns remain regarding the transfer of funds from the In-House Care budget sub-activity to pay for contractor-provided medical care. To limit such transfers and improve oversight within the Defense Health Program operation and maintenance account, the agreement 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 explanatory statement 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 Secretary of Defense is directed 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 Secretary of Defense is directed 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 excess of \$10,000,000, and the dates any transfers occurred, from the Private Sector Care budget sub-activity to any other budget sub-activity groups for fiscal year 2016.

The Assistant Secretary of Defense (Health Affairs) is directed 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.

#### PEER-REVIEWED CANCER RESEARCH PROGRAM

The agreement provides \$60,000,000 for the peer-reviewed cancer research program to research cancers not addressed in the breast, prostate, ovarian, kidney, and lung cancer research programs.

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, immunotherapy, listeria-based regimens for cancer, liver cancer, lymphoma, melanoma and other skin cancers, mesothelioma, neuroblastoma, pancreatic cancer, pediatric brain tumors, stomach cancer, and cancer in children, adolescents, and young adults.

The reports directed under this heading in House Report 114-577 and Senate Report 114-263 are still required.

#### PEER-REVIEWED MEDICAL RESEARCH PROGRAM

The agreement provides \$300,000,000 for a peer-reviewed medical research program. The Secretary of Defense, in conjunction with the Service Surgeons General, is directed to select medical research projects of clear scientific merit and direct relevance to military health. Research areas considered under this funding are restricted to the following areas: acute lung injury, antimicrobial resistance, arthritis, burn pit exposure, chronic migraine and post-traumatic headache, congenital heart disease, constrictive bronchiolitis, diabetes, diarrheal diseases, dystonia, early trauma thermal regulation,

eating disorders, emerging infectious diseases, epidermolysis bullosa, focal segmental glomerulosclerosis, Fragile X, Guillain-Barre syndrome, hepatitis B and C, hereditary angioedema, hydrocephalus, immunomonitoring of intestinal transplants, inflammatory bowel diseases, influenza, integrative medicine, interstitial cystitis, malaria, metals toxicology, mitochondrial disease, musculoskeletal disorders, nanomaterials for bone regeneration, non-opioid pain management, pancreatitis, pathogen-inactivated dried cryoprecipitate, polycystic kidney disease, post-traumatic osteoarthritis, pulmonary fibrosis, respiratory health, Rett syndrome, rheumatoid arthritis, scleroderma, sleep disorders, spinal muscular atrophy, sustained-release drug delivery, tinnitus, tuberculosis, vaccine development for infectious disease, vascular malformations, and women's heart disease. The additional funding provided under the peer-reviewed medical research program shall be devoted only to the purposes listed above.

#### ELECTRONIC HEALTH RECORD SYSTEM

Concerns remain with the progress being made by the Departments of Defense and Veterans Affairs to fully develop, procure, and deploy an interoperable electronic health record solution. The two systems must be completely and meaningfully interoperable, and the Under Secretary of Defense (Acquisition, Technology, and Logistics) is encouraged to focus on the overall goal of seamless compatibility between the two Departments' electronic health record systems.

For the necessary oversight of this important program, the Program Executive Officer (PEO) for the Defense Healthcare Management Systems (DHMS) is directed to provide quarterly reports to the congressional defense committees and the Government Accountability Office on the cost and schedule of the program, to include milestones, knowledge points, and acquisition timelines, as well as quarterly obligation

reports. These reports should also include any changes to the deployment timeline, including benchmarks, for full operating capability; any refinements to the cost estimate for full operating capability and the total lifecycle cost of the program; an assurance that the acquisition strategy will comply with the acquisition rules, requirements, guidelines, and systems acquisition management practices of the federal government; the status of the effort to achieve interoperability between the electronic health record systems of the Departments of Defense and Veterans Affairs, including the scope, cost, schedule, mapping to health data standards, and performance benchmarks of the interoperable record; and the progress toward developing, implementing, and fielding the interoperable electronic health record throughout the two Departments' medical facilities.

The PEO DHMS is directed to continue briefing the House and Senate Appropriations Committees on a quarterly basis, coinciding with the report submission. Given that full deployment of the new electronic health record is not scheduled until fiscal year 2022, the Department of Defense is expected to continue working on interim modifications and enhancements to the current system to improve interoperability in the near-term. Additionally, the PEO DHMS is directed to provide written notification to the House and Senate Appropriations Committees prior to obligating any contract, or combination of contracts, for electronic health record systems in excess of \$5,000,000.

Additionally, the Director of the Interagency Program Office is directed to continue to provide quarterly briefings on standards development, how those standards are being incorporated by the two Departments, and the progress of interoperability to the House and Senate Appropriations Subcommittees for Defense and Military Construction, Veterans Affairs, and Related Agencies. In an effort to ensure government-wide accountability, the PEO DHMS, in coordination with the appropriate personnel of the Department of Veterans Affairs, is directed to provide the Federal Chief Information

Officer of the United States with monthly updates on progress made by the two Departments to reach interoperability and modernize their respective electronic health records.



## CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

The agreement on items addressed by either the House or the Senate is as follows:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
<b>OPERATION AND MAINTENANCE</b>	<b>147,282</b>	<b>119,985</b>
Recovered chemical warfare materiel project excess to need		-10,997
Recovered chemical warfare materiel project Panama operations ahead of need		-16,300
<b>PROCUREMENT</b>	<b>15,132</b>	<b>15,132</b>
<b>RESEARCH, DEVELOPMENT, TEST AND EVALUATION</b>	<b>388,609</b>	<b>388,609</b>
<b>TOTAL, CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE</b>	<b>551,023</b>	<b>523,726</b>

## DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

The agreement on items addressed by either the House or the Senate is as follows:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
<b>COUNTER-NARCOTICS SUPPORT</b>	<b>730,087</b>	<b>626,087</b>
Transfer to National Guard counter-drug program		-99,000
Transfer to National Guard counter-drug schools		-5,000
<b>DRUG DEMAND REDUCTION PROGRAM</b>	<b>114,713</b>	<b>118,713</b>
Young Marines - drug demand reduction		4,000
<b>NATIONAL GUARD COUNTER-DRUG PROGRAM</b>	<b>0</b>	<b>234,000</b>
Transfer from counter-narcotics support		99,000
Program increase		135,000
<b>NATIONAL GUARD COUNTER-DRUG SCHOOLS</b>	<b>0</b>	<b>20,000</b>
Transfer from counter-narcotics support		5,000
Program increase		15,000
<b>TOTAL, DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE</b>	<b>844,800</b>	<b>998,800</b>

## JOINT URGENT OPERATIONAL NEEDS FUND

The agreement does not recommend funding for the Joint Urgent Operational Needs Fund.

## OFFICE OF THE INSPECTOR GENERAL

The agreement on items addressed by either the House or the Senate is as follows:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
<b>OPERATION AND MAINTENANCE</b>	<b>318,882</b>	<b>308,882</b>
Overestimation of civilian full-time equivalents		-10,000
<b>RESEARCH, DEVELOPMENT, TEST AND EVALUATION</b>	<b>3,153</b>	<b>3,153</b>
<b>TOTAL, OFFICE OF THE INSPECTOR GENERAL</b>	<b>322,035</b>	<b>312,035</b>

### OFFICE OF INSPECTOR GENERAL QUARTERLY END STRENGTH REPORTS

The Department of Defense Inspector General is directed to provide quarterly reports to the congressional defense committees on civilian personnel end strength not later than 15 days after the end of each fiscal quarter.

## TITLE VII - RELATED AGENCIES

The agreement provides \$1,029,596,000 in Title VII, Related Agencies. The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT COMPUTER TABLE)~~

insert 86A

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	FINAL BILL
-----		
TITLE VII		
RELATED AGENCIES		
CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY SYSTEM FUND.....	514,000	514,000
INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT (ICMA).....	533,596	515,596
TOTAL, TITLE VII, RELATED AGENCIES.....	1,047,596	1,029,596
	=====	=====

86A

CLASSIFIED ANNEX

Adjustments to classified programs are addressed in a separate, detailed, and comprehensive classified annex. The Intelligence Community, the 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, 2017.

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY  
SYSTEM FUND

The agreement provides \$514,000,000 for the Central Intelligence Agency Retirement and Disability Fund.

INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT

The agreement provides \$515,596,000, a decrease of \$18,000,000 below the budget request, for the Intelligence Community Management Account.



## TITLE VIII – GENERAL PROVISIONS

The agreement incorporates general provisions from the House and Senate versions of the bill which were not amended. Those general provisions that were addressed in the agreement are as follows:

The agreement retains a provision proposed by the House which provides general transfer authority not to exceed \$4,500,000,000. The Senate bill contained a similar provision.

The agreement retains a provision proposed by the House which identifies tables as Explanation of Project Level Adjustments. The Senate bill contained a similar provision.

The agreement modifies a provision proposed by the House which provides for the establishment of a baseline for the application of reprogramming and transfer authorities for the current fiscal year. The Senate bill contained a similar provision.

The agreement retains a provision proposed by the Senate which places restrictions on multi-year procurement contracts. The House bill contained a similar provision.

The agreement retains a provision proposed by the House regarding management of civilian personnel of the Department of Defense. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the Senate which restricts the use of funds to support any nonappropriated funds activity that procures malt beverages and wine. The House bill contained no similar provision.

The agreement retains a provision proposed by the Senate which provides for the transfer of funds for Mentor-Protégé Programs. The House bill contained a similar provision.

The agreement retains a provision proposed by the House regarding limitations on the use of funds to purchase anchor and mooring chains. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the Senate which makes funds available to maintain competitive rates at the arsenals. The House bill contained no similar provision.

The agreement retains a provision proposed by the House which prohibits the use of funds to demilitarize or dispose of certain small firearms. The Senate bill contained a similar provision.

The agreement retains a provision proposed by the House regarding incentive payments authorized by the Indian Financing Act of 1974. The Senate bill contained a similar provision.

The agreement retains a provision proposed by the House which provides funding from various appropriations for the Civil Air Patrol Corporation. The Senate bill contained a similar provision.

The agreement modifies a provision proposed by the House which prohibits funding from being used to establish new Department of Defense Federally Funded Research and Development Centers with certain limitations. The Senate bill contained a similar provision.

The agreement retains a provision proposed by the House which prohibits the use of funds to disestablish, close, downgrade from host to extension center, or place a Senior Reserve Officers' Training Corps program on probation. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the Senate which makes permanent the authority for the Defense Intelligence Agency to use funds provided in this Act for the provisioning of information systems. The House bill contained a similar provision.

The agreement retains a provision proposed by the House regarding mitigation of environmental impacts on Indian lands resulting from Department of Defense activities. The Senate bill contained a similar provision.

The agreement retains a provision proposed by the Senate which places restrictions on the use of funds to consolidate or relocate any element of the Air Force Rapid Engineer Deployable Heavy Operational Repair Squadron Engineer. The House bill contained no similar provision.

(RESCISSIONS)

The agreement modifies a provision proposed by the House recommending rescissions and provides for the rescission of \$2,002,622,000. The Senate bill contained a similar provision. The rescissions agreed to are:

2015 Appropriations:

Aircraft Procurement, Army:

Network and mission plan .....\$15,000,000

Other Procurement, Army:

Family of heavy tactical vehicles.....13,210,000

Army CA/MISO GPF equipment .....4,585,000

Information systems.....5,250,000

Aircraft Procurement, Navy:

P-8A Poseidon.....50,000,000

EA-18G .....38,000,000

Weapons Procurement, Navy:

Cruiser modernization weapons.....4,000,000

Tomahawk.....5,000,000

HARM mods .....2,933,000

Procurement of Ammunition, Navy and Marine Corps

LRLAP 6 inch long range attack projectile .....43,600,000

Aircraft Procurement, Air Force:

HC-130J .....18,000,000

MC-130J.....12,000,000

MQ-1 mods .....2,000,000

MQ-9 depot activation .....25,000,000

Other Procurement, Air Force:	
Classified programs .....	25,500,000
2016 Appropriations:	
Aircraft Procurement, Army:	
UH-60 Blackhawk M model (MYP) – AP .....	34,594,000
Procurement of Ammunition, Army:	
Demolition munitions, all types.....	5,000,000
Other Procurement, Army:	
Joint light tactical vehicle .....	6,100,000
Generators and associated equipment.....	53,000,000
Information systems.....	25,000,000
Aircraft Procurement, Navy:	
F-35 CV.....	6,755,000
Weapons Procurement, Navy:	
Sidewinder .....	5,307,000
Procurement of Ammunition, Navy and Marine Corps:	
155MM long range land attack projectile.....	2,100,000
Non lethals .....	3,868,000
81mm, all types.....	1,000,000
Shipbuilding and Conversion, Navy:	
DDG-51.....	50,000,000
LPD-17.....	14,906,000
LX (R) (AP-CY) .....	236,000,000
Other Procurement, Navy:	
AQS-20A .....	10,810,000
Remote minehunting system.....	44,247,000
Surface combatant HM&E.....	1,317,000
Aircraft Procurement, Air Force:	
F-35 – AP.....	47,000,000
C-130J – AP .....	20,000,000
HC-130J .....	12,500,000
KC-46A tanker.....	197,700,000
KC-135 block 40/45 installs .....	9,000,000
KC-135 post production support.....	1,500,000
MC-130J.....	28,500,000
Other production changes .....	67,000,000
Missile Procurement, Air Force:	
Classified programs .....	34,700,000

Space Procurement, Air Force:	
Evolved expendable launch vehicle.....	100,000,000
Other Procurement, Air Force:	
Comsec equipment.....	10,000,000
Combat training ranges.....	10,000,000
Night vision goggles.....	1,569,000
Classified programs.....	34,800,000
Procurement, Defense-Wide:	
Classified programs.....	2,600,000
Research, Development, Test and Evaluation, Army:	
Joint light tactical vehicle.....	5,893,000
Concepts experimentation.....	2,253,000
Information technology development.....	16,700,000
Manpower, personnel, training advanced technology ..	2,500,000
Tactical command and control hardware and software.	6,056,000
Research, Development, Test and Evaluation, Navy:	
Tactical combat training system II.....	9,219,000
Tactical AIM missiles.....	22,000,000
Research, Development, Test and Evaluation, Air Force:	
Ground based strategic deterrent.....	18,000,000
KC-46.....	375,300,000
Nuclear weapons modernization.....	27,000,000
Integrated Personnel and Pay System.....	26,000,000
Minuteman squadrons.....	22,000,000
Tactical AIM missiles.....	7,600,000
Airborne Warning and Control System.....	9,000,000
Classified programs.....	47,650,000
Research, Development, Test and Evaluation, Defense-Wide:	
Defense technology offset.....	51,500,000
Advanced IT services joint program office.....	10,000,000
Classified programs.....	3,000,000

The agreement retains a provision proposed by the House which restricts procurement of ball and roller bearings other than those produced by a domestic source and of domestic origin. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the Senate which prohibits the use of funds to retire or divest RQ-4 Global Hawk aircraft. The House bill contained no similar provision.

The agreement retains a provision proposed by the House placing restrictions on funding for competitively bid space launch services. The Senate bill contained a similar provision.

The agreement retains a provision proposed by the House which provides funding to the United Service Organizations and the Red Cross. The Senate bill contained a similar provision.

The agreement modifies a provision proposed by the Senate which prohibits funds from being used to modify Fleet Forces Command command and control relationships. The House bill contained no similar provision.

The agreement retains a provision proposed by the House which restricts funding for repairs and maintenance of military housing units. The Senate bill contained no similar provision.

The agreement modifies a provision proposed by the Senate which directs that up to \$1,000,000 from Operation and Maintenance, Navy shall be available for transfer to the John C. Stennis Center for Public Service Development Trust Fund. The House bill contained no similar provision.

The agreement retains a provision proposed by the Senate which places restrictions on the transfer to any nongovernmental entity certain ammunition held by the Department of Defense. The House bill contained a similar provision.

The agreement retains a provision proposed by the Senate which prohibits funds from being used to separate the National Intelligence Program from the Department of Defense budget. The House bill contained a similar provision.

The agreement modifies a provision proposed by the House which provides a grant to the Fisher House Foundation, Inc. The Senate bill contained no similar provision.

The agreement modifies a provision proposed by the House related to funding for the Israeli Cooperative Defense programs. The Senate bill contained a similar provision.

The agreement modifies a provision proposed by the House which reduces funding due to favorable foreign exchange rates. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the Senate which provides funds for the Asia Pacific Regional Initiative Program for the purpose of enabling the Pacific Command to execute Theater Security Cooperation activities. The House bill contained a similar provision.

The agreement retains a provision proposed by the House which prohibits changes to the Army Contracting Command-New Jersey without prior notification. The Senate bill contained no similar provision.

(RESCISSION)

The agreement modifies a provision proposed by the Senate recommending a rescission and provides for a rescission of \$531,000,000 from the Defense Workforce Acquisition Fund. The House bill contained no similar provision.

The agreement retains a provision proposed by the Senate which prohibits the use of funds to violate the Child Soldier Prevention Act of 2008. The House bill contained a similar provision.

The agreement retains a provision proposed by the Senate which makes funds available to make grants, conclude cooperative agreements, and supplement other Federal funds to support military infrastructure in Guam. The House bill contained no similar provision.

The agreement modifies a provision proposed by the House which 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. The Senate bill contained a similar provision.

The agreement retains a provision proposed by the House related to agreements with the Russian Federation pertaining to United States ballistic missile defense systems. The Senate bill contained a similar provision.

The agreement modifies a provision proposed by the House which provides the Director of National Intelligence with general transfer authority with certain limitations. The Senate bill contained a similar provision.

The agreement modifies a provision proposed by the House which prohibits the transfer of detainees from Naval Station Guantanamo Bay, Cuba except in accordance with section 1034 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) and section 1034 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). The Senate bill contained a similar provision.

The agreement retains a provision proposed by the House which prohibits funds from being used 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, U.S.C. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House that requires the Secretary of Defense to post grant awards on a public website in a searchable format. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House regarding funding for flight demonstration teams at locations outside the United States. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which prohibits the use of funds by the National Security Agency to target United States persons under



authorities granted in the Foreign Intelligence Surveillance Act of 1978. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which prohibits the use of funds to implement the Arms Trade Treaty until the treaty is ratified by the Senate. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which limits the availability of funds authorized for counterterrorism support to foreign partners. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which prohibits introducing armed forces into Iraq in contravention of the War Powers Act. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which prohibits the use of funds to retire the A-10 fleet. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which limits the use of funds for the T-AO(X) program. The Senate bill contained a similar provision.

The agreement modifies a provision proposed by the House which reduces Working Capital Funds to reflect excess cash balances. The Senate bill contained a similar provision.

The agreement modifies a provision proposed by the House which reduces the total amount appropriated to reflect lower than anticipated fuel costs. The Senate bill contained a similar provision.

The agreement retains a provision proposed by the House which prohibits the use of funds to retire the KC-10 fleet. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which prohibits the retirement of EC-130H aircraft. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which prohibits the use of funds for gaming or entertainment that involves nude entertainers. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which prohibits the use of funds for Base Realignment and Closure. The Senate bill contained no similar provision.

The agreement modifies a provision proposed by the House which grants the Secretary of Defense the authority to use funds for Office of Personnel and Management background investigations. The Senate bill contained a similar provision.

The agreement modifies a provision proposed by the House which restricts the use of funds for the Joint Surveillance Target Attack Radar System recapitalization program for pre-milestone B activities after March 31, 2018. The Senate bill contained no similar provision.

The agreement modifies a provision proposed by the House which prohibits the use of funds to close or transfer from the jurisdiction of the Department of Defense the United States, Naval Station Guantanamo Bay. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which provides authority to use readiness funds for Zika related activities. The Senate bill contained no similar provision.

The agreement modifies a provision proposed by the House which restricts the use of funds to maintain or establish a computer network unless it blocks pornography. The Senate bill contained no similar provision.

(RESCISSION)

The agreement adds a provision which terminates the Ship Modernization, Operations and Sustainment Fund and rescinds unobligated balances. The House and Senate bills contained no similar provisions.

The agreement retains a provision proposed by the House which prohibits the use of funds to provide arms, training, or other assistance to the Azov Battalion. The Senate bill contained no similar provision.

The agreement adds a provision which provides reprogramming authority for the Global Engagement Center. The House and Senate bills contained no similar provisions.

The agreement adds a provision addressing the transfer of funds out of the Defense Acquisition Workforce Development Fund. The House and Senate bills contained no similar provisions.

The agreement retains a provision proposed by the Senate which prohibits the use of funds to impede certain investigations conducted by Inspectors General funded under this Act. The House bill contained no similar provision.

## **TITLE IX – OVERSEAS CONTINGENCY OPERATIONS/ GLOBAL WAR ON TERRORISM**

The agreement provides \$61,822,000,000 in Title IX, Overseas Contingency Operations/Global War on Terrorism.

### **REPORTING REQUIREMENTS**

The agreement includes a number of reporting requirements related to contingency operations and building capacity efforts. The Secretary of Defense is directed 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.

The agreement eliminates the Cost of War reporting requirement for detailed monthly obligation and expenditure data by appropriation account. This reporting requirement is burdensome for the Department of Defense and the information provided is either duplicative of information available through other means or is unnecessary for effective budget oversight.

MILITARY PERSONNEL

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT MILPERS OCO TABLE)~~

Insert 101A-D

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Final Bill
<b>MILITARY PERSONNEL, ARMY</b>		
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>		
BASIC PAY	315,786	315,786
RETIRED PAY ACCRUAL	74,526	74,526
BASIC ALLOWANCE FOR HOUSING	133,911	133,911
BASIC ALLOWANCE FOR SUBSISTENCE	11,866	11,866
INCENTIVE PAYS	1,543	1,543
SPECIAL PAYS	15,411	15,411
ALLOWANCES	11,970	11,970
SEPARATION PAY	4,541	4,541
SOCIAL SECURITY TAX	24,158	24,158
TOTAL, BA-1	593,712	593,712
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>		
BASIC PAY	506,209	506,209
RETIRED PAY ACCRUAL	119,465	119,465
BASIC ALLOWANCE FOR HOUSING	255,613	255,613
INCENTIVE PAYS	959	959
SPECIAL PAYS	47,347	47,347
ALLOWANCES	46,094	46,094
SEPARATION PAY	10,063	10,063
SOCIAL SECURITY TAX	38,725	38,725
TOTAL, BA-2	1,024,475	1,024,475
<b>BA-4: SUBSISTENCE OF ENLISTED PERSONNEL</b>		
BASIC ALLOWANCE FOR SUBSISTENCE	59,079	59,079
SUBSISTENCE-IN-KIND	222,742	222,742
TOTAL, BA-4	281,821	281,821
<b>BA-5: PERMANENT CHANGE OF STATION TRAVEL</b>		
OPERATIONAL TRAVEL	32,597	32,597
ROTATIONAL TRAVEL	12,059	12,059
TOTAL, BA-5	44,656	44,656
<b>BA-6: OTHER MILITARY PERSONNEL COSTS</b>		
INTEREST ON UNIFORMED SERVICES SAVINGS	2,194	2,194
DEATH GRATUITIES	1,200	1,200
UNEMPLOYMENT BENEFITS	89,464	89,464
SGLI EXTRA HAZARD PAYMENTS	8,184	8,184
TRAUMATIC INJURY PROTECTION COVERAGE	5,872	5,872
TOTAL, BA-6	106,914	106,914
PREVIOUSLY FUNDED REQUIREMENT		-102,930
<b>TOTAL, MILITARY PERSONNEL, ARMY</b>	<b>2,051,578</b>	<b>1,948,648</b>
<b>MILITARY PERSONNEL, NAVY</b>		
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>		
BASIC PAY	58,913	58,913
RETIRED PAY ACCRUAL	13,903	13,903
BASIC ALLOWANCE FOR HOUSING	19,879	19,879
BASIC ALLOWANCE FOR SUBSISTENCE	2,141	2,141
INCENTIVE PAYS	480	480
SPECIAL PAYS	3,128	3,128

M-1	Budget Request	Final Bill
ALLOWANCES	7,280	7,280
SOCIAL SECURITY TAX	4,507	4,507
TOTAL, BA-1	110,231	110,231
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL		
BASIC PAY	76,964	76,964
RETIRED PAY ACCRUAL	18,163	18,163
BASIC ALLOWANCE FOR HOUSING	40,353	40,353
INCENTIVE PAYS	211	211
SPECIAL PAYS	5,931	5,931
ALLOWANCES	16,913	16,913
SOCIAL SECURITY TAX	5,888	5,888
TOTAL, BA-2	164,423	164,423
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL		
BASIC ALLOWANCE FOR SUBSISTENCE	8,693	8,693
SUBSISTENCE-IN-KIND	25,446	25,446
TOTAL, BA-4	34,139	34,139
BA-5: PERMANENT CHANGE OF STATION TRAVEL		
ACCESSION TRAVEL	1,427	1,427
OPERATIONAL TRAVEL	1,825	1,825
ROTATIONAL TRAVEL	4,634	4,634
SEPARATION TRAVEL	1,937	1,937
TOTAL, BA-5	9,823	9,823
BA-6: OTHER MILITARY PERSONNEL COSTS		
DEATH GRATUITIES	300	300
UNEMPLOYMENT BENEFITS	6,959	6,959
RESERVE INCOME REPLACEMENT PROGRAM	9	9
SGLI EXTRA HAZARD PAYMENTS	4,673	4,673
TOTAL, BA-6	11,941	11,941
PREVIOUSLY FUNDED REQUIREMENT		-3,130
<b>TOTAL, MILITARY PERSONNEL, NAVY</b>	<b>330,557</b>	<b>327,427</b>

**MILITARY PERSONNEL, MARINE CORPS**

BA-1: PAY AND ALLOWANCES OF OFFICERS		
BASIC PAY	29,855	29,855
RETIRED PAY ACCRUAL	7,046	7,046
BASIC ALLOWANCE FOR HOUSING	8,814	8,814
BASIC ALLOWANCE FOR SUBSISTENCE	996	996
SPECIAL PAYS (AND INCENTIVE PAYS)	1,616	1,616
ALLOWANCES	1,939	1,939
SEPARATION PAY	5,939	5,939
SOCIAL SECURITY TAX	2,284	2,284
TOTAL, BA-1	58,489	58,489
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL		
BASIC PAY	17,509	17,509
RETIRED PAY ACCRUAL	4,132	4,132
BASIC ALLOWANCE FOR HOUSING	8,798	8,798
INCENTIVE PAYS	16	16
SPECIAL PAYS	4,449	4,449
ALLOWANCES	6,012	6,012
SEPARATION PAY	74,707	74,707
SOCIAL SECURITY TAX	1,339	1,339

M-1	Budget Request	Final Bill
TOTAL, BA-2	116,962	116,962
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL		
BASIC ALLOWANCE FOR SUBSISTENCE	2,103	2,103
TOTAL, BA-4	2,103	2,103
BA-6: OTHER MILITARY PERSONNEL COSTS		
INTEREST ON UNIFORMED SERVICES SAVINGS	302	302
SGLI EXTRA HAZARD PAYMENTS	1,877	1,877
TOTAL, BA-6	2,179	2,179
<b>TOTAL, MILITARY PERSONNEL, MARINE CORPS</b>	<b>179,733</b>	<b>179,733</b>
<b>MILITARY PERSONNEL, AIR FORCE</b>		
BA-1: PAY AND ALLOWANCES OF OFFICERS		
BASIC PAY	104,751	104,751
RETIRED PAY ACCRUAL	24,721	24,721
BASIC ALLOWANCE FOR HOUSING	33,351	33,351
BASIC ALLOWANCE FOR SUBSISTENCE	3,745	3,745
SPECIAL PAYS	5,227	5,227
ALLOWANCES	5,610	5,610
SOCIAL SECURITY TAX	8,013	8,013
TOTAL, BA-1	185,418	185,418
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL		
BASIC PAY	199,730	199,730
RETIRED PAY ACCRUAL	47,136	47,136
BASIC ALLOWANCE FOR HOUSING	86,671	86,671
SPECIAL PAYS	20,006	20,006
ALLOWANCES	19,146	19,146
SOCIAL SECURITY TAX	15,279	15,279
TOTAL, BA-2	387,968	387,968
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL		
BASIC ALLOWANCE FOR SUBSISTENCE	22,208	22,208
SUBSISTENCE-IN-KIND	93,369	93,369
TOTAL, BA-4	115,577	115,577
BA-6: OTHER MILITARY PERSONNEL COSTS		
DEATH GRATUITIES	1,000	1,000
UNEMPLOYMENT BENEFITS	24,626	24,626
SGLI EXTRA HAZARD PAYMENTS	5,307	5,307
TOTAL, BA-6	30,933	30,933
PREVIOUSLY FUNDED REQUIREMENT		-14,190
<b>TOTAL, MILITARY PERSONNEL, AIR FORCE</b>	<b>719,896</b>	<b>705,706</b>
<b>RESERVE PERSONNEL, ARMY</b>		
BA-1: UNIT AND INDIVIDUAL TRAINING		
PAY GROUP A TRAINING (15 DAYS and DRILLS 24/48)	2,773	2,773
SPECIAL TRAINING	39,733	39,733
TOTAL, BA-1	42,506	42,506
<b>TOTAL, RESERVE PERSONNEL, ARMY</b>	<b>42,506</b>	<b>42,506</b>

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M-1	Budget Request	Final Bill
<b>RESERVE PERSONNEL, NAVY</b>		
BA-1: UNIT AND INDIVIDUAL TRAINING		
SPECIAL TRAINING	11,574	11,574
ADMINISTRATION AND SUPPORT	355	355
TOTAL, BA-1	11,929	11,929
<b>TOTAL, RESERVE PERSONNEL, NAVY</b>	<b>11,929</b>	<b>11,929</b>
<b>RESERVE PERSONNEL, MARINE CORPS</b>		
BA-1: UNIT AND INDIVIDUAL TRAINING		
SPECIAL TRAINING	3,700	3,700
ADMINISTRATION AND SUPPORT	64	64
TOTAL, BA-1	3,764	3,764
<b>TOTAL, RESERVE PERSONNEL, MARINE CORPS</b>	<b>3,764</b>	<b>3,764</b>
<b>RESERVE PERSONNEL, AIR FORCE</b>		
BA-1: UNIT AND INDIVIDUAL TRAINING		
SPECIAL TRAINING	20,535	20,535
TOTAL, BA-1	20,535	20,535
<b>TOTAL, RESERVE PERSONNEL, AIR FORCE</b>	<b>20,535</b>	<b>20,535</b>
<b>NATIONAL GUARD PERSONNEL, ARMY</b>		
BA-1: UNIT AND INDIVIDUAL TRAINING		
PAY GROUP A TRAINING (15 DAYS and DRILLS 24/48)	33,702	33,702
SCHOOL TRAINING	47,658	47,658
SPECIAL TRAINING	105,939	105,939
ADMINISTRATION AND SUPPORT	9,173	9,173
TOTAL, BA-1	196,472	196,472
<b>TOTAL, NATIONAL GUARD PERSONNEL, ARMY</b>	<b>196,472</b>	<b>196,472</b>
<b>NATIONAL GUARD PERSONNEL, AIR FORCE</b>		
BA-1: UNIT AND INDIVIDUAL TRAINING		
SPECIAL TRAINING	5,288	5,288
TOTAL, BA-1	5,288	5,288
<b>TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE</b>	<b>5,288</b>	<b>5,288</b>
<b>TOTAL, MILITARY PERSONNEL</b>	<b>3,562,258</b>	<b>3,442,008</b>

(101D)

## OPERATION AND MAINTENANCE

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT O&M LOCO TABLE)~~

insert 102A-G

### COMMANDERS' EMERGENCY RESPONSE PROGRAM

The agreement recommends \$5,000,000 for the Commanders' Emergency Response Program (CERP) in Afghanistan for fiscal year 2017. As directed in section 9005 of this Act, not later than 30 days after the end of each fiscal quarter, the Army shall submit commitment, obligation, and expenditure data for the CERP to the congressional defense committees.

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
[in thousands of dollars]

O-1	Budget Request	Final Bill
<b>OPERATION AND MAINTENANCE, ARMY</b>		
<b>111 MANEUVER UNITS</b>	<b>723,945</b>	<b>938,145</b>
Army requested transfer to title IX WTCV,A lines 5 and 13		-10,800
OCO/GWOT operations - transfer from title II		225,000
<b>112 MODULAR SUPPORT BRIGADES</b>	<b>5,904</b>	<b>5,904</b>
<b>113 ECHELONS ABOVE BRIGADE</b>	<b>38,614</b>	<b>38,614</b>
<b>114 THEATER LEVEL ASSETS</b>	<b>1,651,817</b>	<b>1,651,817</b>
<b>115 LAND FORCES OPERATIONS SUPPORT</b>	<b>835,138</b>	<b>703,138</b>
Army requested transfer to title IX WTCV,A lines 5 and 13		-132,000
<b>116 AVIATION ASSETS</b>	<b>165,044</b>	<b>197,544</b>
Program increase - support eleventh CAB		32,500
<b>121 FORCE READINESS OPERATIONS SUPPORT</b>	<b>1,756,378</b>	<b>2,254,378</b>
Army requested transfer to title IX WTCV,A lines 5 and 13		-2,000
OCO/GWOT operations - transfer from title II		500,000
<b>122 LAND FORCES SYSTEMS READINESS</b>	<b>348,174</b>	<b>348,174</b>
<b>123 LAND FORCES DEPOT MAINTENANCE</b>	<b>350,000</b>	<b>350,000</b>
<b>131 BASE OPERATIONS SUPPORT</b>	<b>40,000</b>	<b>51,000</b>
Program increase - support eleventh CAB		11,000
<b>135 ADDITIONAL ACTIVITIES</b>	<b>5,990,878</b>	<b>5,755,878</b>
LOGCAP - unjustified program growth		-235,000
<b>136 COMMANDERS' EMERGENCY RESPONSE PROGRAM</b>	<b>5,000</b>	<b>5,000</b>
<b>137 RESET</b>	<b>1,092,542</b>	<b>1,625,250</b>
OCO/GWOT operations - transfer from title II		532,708
<b>138 COMBATANT COMMAND DIRECT MISSION SUPPORT</b>	<b>79,568</b>	<b>79,568</b>
<b>212 ARMY PREPOSITIONED STOCKS</b>	<b>350,200</b>	<b>130,000</b>
Army requested transfer to line 421 and title IX WTCV,A lines 5 and 13		-220,200
<b>321 SPECIALIZED SKILL TRAINING</b>	<b>3,565</b>	<b>3,565</b>
<b>323 PROFESSIONAL DEVELOPMENT EDUCATION</b>	<b>9,021</b>	<b>9,021</b>
<b>324 TRAINING SUPPORT</b>	<b>2,434</b>	<b>2,434</b>
<b>334 CIVILIAN EDUCATION AND TRAINING</b>	<b>1,254</b>	<b>1,254</b>
<b>421 SERVICEWIDE TRANSPORTATION</b>	<b>740,400</b>	<b>860,400</b>
Army requested transfer from line 212		120,000

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O-1	Budget Request	Final Bill
424 AMMUNITION MANAGEMENT	13,974	13,974
434 OTHER PERSONNEL SUPPORT	105,508	105,508
437 REAL ESTATE MANAGEMENT	165,678	165,678
CLASSIFIED PROGRAMS	835,551	835,551
PREVIOUSLY FUNDED REQUIREMENT		-438,727
<b>TOTAL, OPERATION AND MAINTENANCE, ARMY</b>	<b>15,310,587</b>	<b>15,693,068</b>
<b>OPERATION AND MAINTENANCE, NAVY</b>		
1A1A MISSION AND OTHER FLIGHT OPERATIONS OCO/GWOT operations - transfer from Title II	860,621	1,260,621 400,000
1A4A AIR OPERATIONS AND SAFETY SUPPORT	4,603	4,603
1A4N AIR SYSTEMS SUPPORT	159,049	159,049
1A5A AIRCRAFT DEPOT MAINTENANCE	113,994	113,994
1A6A AIRCRAFT DEPOT OPERATIONS SUPPORT	1,840	1,840
1A9A AVIATION LOGISTICS	35,529	35,529
1B1B MISSION AND OTHER SHIP OPERATIONS OCO/GWOT operations - transfer from title II	1,073,080	1,498,080 425,000
1B2B SHIP OPERATIONS SUPPORT & TRAINING	17,306	17,306
1B4B SHIP DEPOT MAINTENANCE OCO/GWOT operations - transfer from title II	2,903,431	3,303,431 400,000
1C1C COMBAT COMMUNICATIONS	21,257	21,257
1C4C WARFARE TACTICS	22,603	22,603
1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	22,934	22,934
1C6C COMBAT SUPPORT FORCES	568,511	568,511
1C7C EQUIPMENT MAINTENANCE	11,358	11,358
1D3D IN-SERVICE WEAPONS SYSTEMS SUPPORT	61,000	61,000
1D4D WEAPONS MAINTENANCE	289,045	289,045
1D7D OTHER WEAPONS SYSTEMS SUPPORT	8,000	8,000
BSM1 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	27,089	27,089
BSS1 BASE OPERATING SUPPORT	219,525	219,525
2B1G AIRCRAFT ACTIVATIONS / INACTIVATIONS	1,530	1,530
2C1H EXPEDITIONARY HEALTH SERVICE SYSTEM	8,904	8,904

O-1	Budget Request	Final Bill
<b>2C3H COAST GUARD SUPPORT</b>	<b>162,692</b>	<b>0</b>
Coast Guard funded in Department of Homeland Security bill		-162,692
<b>3B1K SPECIALIZED SKILL TRAINING</b>	<b>43,365</b>	<b>43,365</b>
<b>4A1M ADMINISTRATION</b>	<b>3,764</b>	<b>3,764</b>
<b>4A2M EXTERNAL RELATIONS</b>	<b>515</b>	<b>515</b>
<b>4A4M MILITARY MANPOWER AND PERSONNEL MANAGEMENT</b>	<b>5,409</b>	<b>5,409</b>
<b>4A5M OTHER PERSONNEL SUPPORT</b>	<b>1,578</b>	<b>1,578</b>
<b>4A6M SERVICEWIDE COMMUNICATIONS</b>	<b>25,617</b>	<b>25,617</b>
<b>4B1N SERVICEWIDE TRANSPORTATION</b>	<b>126,700</b>	<b>126,700</b>
<b>4B3N ACQUISITION AND PROGRAM MANAGEMENT</b>	<b>9,261</b>	<b>9,261</b>
<b>999 CLASSIFIED PROGRAMS</b>	<b>17,281</b>	<b>17,281</b>
<b>PREVIOUSLY FUNDED REQUIREMENT</b>		<b>-2,350</b>
<b>TOTAL, OPERATION AND MAINTENANCE, NAVY</b>	<b>6,827,391</b>	<b>7,887,349</b>
<b>OPERATION AND MAINTENANCE, MARINE CORPS</b>		
<b>1A1A OPERATIONAL FORCES</b>	<b>703,489</b>	<b>878,489</b>
OCO/GWOT operations - transfer from title II		175,000
<b>1A2A FIELD LOGISTICS</b>	<b>266,094</b>	<b>266,094</b>
<b>1A3A DEPOT MAINTENANCE</b>	<b>147,000</b>	<b>147,000</b>
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>18,576</b>	<b>218,576</b>
OCO/GWOT operations - transfer from title II		200,000
<b>3B4D TRAINING SUPPORT</b>	<b>31,750</b>	<b>31,750</b>
<b>4A3G SERVICEWIDE TRANSPORTATION</b>	<b>73,800</b>	<b>73,800</b>
<b>999 OTHER PROGRAMS</b>	<b>3,650</b>	<b>3,650</b>
<b>PREVIOUSLY FUNDED REQUIREMENT</b>		<b>-12,100</b>
<b>TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS</b>	<b>1,244,359</b>	<b>1,607,259</b>
<b>OPERATION AND MAINTENANCE, AIR FORCE</b>		
<b>011A PRIMARY COMBAT FORCES</b>	<b>1,339,461</b>	<b>1,764,461</b>
OCO/GWOT operations - transfer from title II		425,000
<b>011C COMBAT ENHANCEMENT FORCES</b>	<b>1,096,021</b>	<b>986,021</b>
Classified program transfer		-110,000
<b>011D AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)</b>	<b>152,278</b>	<b>152,278</b>
<b>011M DEPOT MAINTENANCE</b>	<b>1,185,506</b>	<b>1,185,506</b>

O-1	Budget Request	Final Bill
011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	56,700	56,700
011Z BASE SUPPORT	941,714	941,714
012A GLOBAL C3I AND EARLY WARNING	30,219	30,219
012C OTHER COMBAT OPS SPT PROGRAMS	207,696	207,696
012F TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES	79,893	79,893
013A LAUNCH FACILITIES	869	869
013C SPACE CONTROL SYSTEMS	5,008	5,008
015A COMBATANT COMMANDERS DIRECT MISSION SUPPORT	100,081	100,081
021A AIRLIFT OPERATIONS	2,774,729	3,174,729
OCO/GWOT operations - transfer from title II		400,000
021D MOBILIZATION PREPAREDNESS	108,163	108,163
021M DEPOT MAINTENANCE	891,102	1,291,102
OCO/GWOT operations - transfer from title II		400,000
021Z BASE SUPPORT	3,686	3,686
031Z BASE SUPPORT	52,740	52,740
032A SPECIALIZED SKILL TRAINING	4,500	4,500
041A LOGISTICS OPERATIONS	86,716	86,716
041Z BASE SUPPORT	59,133	59,133
042B SERVICEWIDE COMMUNICATIONS	165,348	165,348
042G OTHER SERVICEWIDE ACTIVITIES	141,883	116,825
Authorization adjustment - Office of Security Cooperation-Iraq		-25,058
044A INTERNATIONAL SUPPORT	61	61
999 CLASSIFIED PROGRAMS	15,323	15,323
BASE OPERATIONS SUPPORT UNJUSTIFIED GROWTH		-10,000
PREVIOUSLY FUNDED REQUIREMENT		-45,550
OPERATIONAL SUPPORT FOR INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE	0	23,376
<b>TOTAL, OPERATION AND MAINTENANCE, AIR FORCE</b>	<b>9,498,830</b>	<b>10,556,598</b>
<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE</b>		
1PL2 SPECIAL OPERATIONS COMMAND	2,650,651	2,636,522
Previously funded requirement		-14,129
4GT6 DEFENSE CONTRACT AUDIT AGENCY	13,436	13,436

102D

O-1	Budget Request	Final Bill
4GT9 DEFENSE INFORMATION SYSTEMS AGENCY	47,579	47,579
4GTA DEFENSE LEGAL SERVICES	111,986	111,986
ES18 DEFENSE MEDIA ACTIVITY	13,317	13,317
4GTJ DEPARTMENT OF DEFENSE EDUCATION AGENCY	67,000	67,000
4GT0 DEFENSE CONTRACT MANAGEMENT AGENCY	13,564	13,564
4GTD DEFENSE SECURITY COOPERATION AGENCY	1,412,000	1,882,000
Lift and Sustain		-100,000
Jordan and Lebanon border security - transfer to Counter-ISIL Train and Equip Fund		-180,000
Consolidation of building partner capacity efforts - Transfer from CTPF		750,000
DEFENSE THREAT REDUCTION AGENCY	0	62,800
Mission enablers - Transfer from title IX JIDF		62,800
4GTN OFFICE OF THE SECRETARY OF DEFENSE	31,106	31,106
4GTQ WASHINGTON HEADQUARTERS SERVICE	3,137	3,137
9999 OTHER PROGRAMS	1,618,397	1,594,202
Previously funded requirement		-19,195
Classified program adjustment		-5,000
<b>TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE</b>	<b>5,982,173</b>	<b>6,476,649</b>
<b>OPERATION AND MAINTENANCE, ARMY RESERVE</b>		
112 MODULAR SUPPORT BRIGADES	708	708
113 ECHELONS ABOVE BRIGADE	14,822	14,822
114 THEATER LEVEL ASSETS	375	375
115 LAND FORCES OPERATIONS SUPPORT	2,088	2,088
116 AVIATION ASSETS	608	608
121 FORCES READINESS OPERATIONS SUPPORT	5,425	5,425
131 BASE OPERATIONS SUPPORT	14,653	14,653
<b>TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE</b>	<b>38,679</b>	<b>38,679</b>
<b>OPERATION AND MAINTENANCE, NAVY RESERVE</b>		
1A5A AIRCRAFT DEPOT MAINTENANCE	16,500	16,500
1A9A AVIATION LOGISTICS	2,522	2,522
1C6C COMBAT SUPPORT FORCES	7,243	7,243
<b>TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE</b>	<b>26,265</b>	<b>26,265</b>

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O-1	Budget Request	Final Bill
<b>OPERATION AND MAINTENANCE, MARINE CORPS RESERVE</b>		
1A1A OPERATING FORCES	2,500	2,500
BSS1 BASE OPERATING SUPPORT	804	804
<b>TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS RESERVE</b>	<b>3,304</b>	<b>3,304</b>
<b>OPERATION AND MAINTENANCE, AIR FORCE RESERVE</b>		
011M DEPOT MAINTENANCE	51,086	51,086
011Z BASE OPERATING SUPPORT	6,500	6,500
<b>TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE</b>	<b>57,586</b>	<b>57,586</b>
<b>OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD</b>		
111 MANEUVER UNITS	16,149	16,149
112 MODULAR SUPPORT BRIGADES	748	748
113 ECHELONS ABOVE BRIGADE	34,707	34,707
114 THEATER LEVEL ASSETS	10,472	10,472
116 AVIATION ASSETS	32,804	32,804
121 FORCE READINESS OPERATIONS SUPPORT	12,435	12,435
131 BASE OPERATIONS SUPPORT	18,800	18,800
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS	920	920
<b>TOTAL, OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD</b>	<b>127,035</b>	<b>127,035</b>
<b>OPERATION AND MAINTENANCE, AIR NATIONAL GUARD</b>		
011G MISSION SUPPORT OPERATIONS	3,400	3,400
011Z BASE SUPPORT	16,600	16,600
<b>TOTAL, OPERATION AND MAINTENANCE, AIR NATIONAL GUARD</b>	<b>20,000</b>	<b>20,000</b>
<b>AFGHANISTAN SECURITY FORCES FUND</b>		
<b>Defense Forces</b>		
Sustainment	2,173,341	2,173,341
Infrastructure	48,262	48,262
Equipment and Transportation	76,216	821,216
Program increase – Afghan aviation		745,000
Training and Operations	220,139	289,139
Program increase – Afghan aviation		69,000

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O-1	Budget Request	Final Bill
<b>Interior Forces</b>		
Sustainment	860,441	860,441
Infrastructure	20,837	20,837
Equipment and Transportation	8,153	8,153
Training and Operations	41,326	41,326
<b>TOTAL, AFGHANISTAN SECURITY FORCES FUND</b>	<b>3,448,715</b>	<b>4,262,715</b>
<b>COUNTERTERRORISM PARTNERSHIPS FUND</b>		
<b>COUNTERTERRORISM PARTNERSHIPS FUND</b>	<b>1,000,000</b>	<b>0</b>
Program decrease		-250,000
Consolidation of building partner capacity efforts - transfer to title IX OM,DW		-750,000
<b>TOTAL, COUNTERTERRORISM PARTNERSHIPS FUND</b>	<b>1,000,000</b>	<b>0</b>
<b>IRAQ TRAIN AND EQUIP FUND</b>		
<b>IRAQ TRAIN AND EQUIP FUND</b>	<b>630,000</b>	<b>0</b>
Transfer to Counter-ISIL Train and Equip Fund		-580,000
Program decrease		-50,000
<b>TOTAL, IRAQ TRAIN AND EQUIP FUND</b>	<b>630,000</b>	<b>0</b>
<b>SYRIA TRAIN AND EQUIP FUND</b>		
<b>SYRIA TRAIN AND EQUIP</b>	<b>250,000</b>	<b>0</b>
Transfer to Counter-ISIL Train and Equip Fund		-220,000
Program decrease		-30,000
<b>TOTAL, SYRIA TRAIN AND EQUIP FUND</b>	<b>250,000</b>	<b>0</b>
<b>COUNTER-ISIL TRAIN AND EQUIP FUND</b>		
<b>COUNTER-ISIL TRAIN AND EQUIP FUND</b>	<b>0</b>	<b>980,000</b>
Transfer from Iraq Train and Equip Fund		580,000
Transfer from Syria Train and Equip Fund		220,000
Jordan and Lebanon border security - transfer from title IX OM,DW		180,000
<b>TOTAL, COUNTER-ISIL TRAIN AND EQUIP FUND</b>	<b>0</b>	<b>980,000</b>
<b>TOTAL, OPERATION AND MAINTENANCE</b>	<b>44,464,924</b>	<b>47,736,507</b>

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PROCUREMENT

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT PROCUREMENT OCO TABLE)~~

Insert 103A-I

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Final Bill
<b>AIRCRAFT PROCUREMENT, ARMY</b>		
6 AH-64 APACHE BLOCK IIIA REMAN (OCO/GWOT)	78,040	78,040
15 MULTI SENSOR ABN RECON (OCO/GWOT)	21,400	21,400
20 EMARSS SEMA MODS (OCO/GWOT)	42,700	42,700
26 RQ-7 UAV MODS (OCO/GWOT)	1,775	1,775
27 UAS MODS (OCO/GWOT)	4,420	4,420
30 CMWS (OCO/GWOT)	56,115	56,115
31 CIRCM (OCO/GWOT)	108,721	108,721
<b>TOTAL, AIRCRAFT PROCUREMENT, ARMY</b>	<b>313,171</b>	<b>313,171</b>
<b>MISSILE PROCUREMENT, ARMY</b>		
4 HELLFIRE SYSTEM SUMMARY (OCO/GWOT) Previously funded requirement	455,830	228,330 -227,500
7 JAVELIN SYSTEM SUMMARY (OCO/GWOT)	15,567	15,567
8 TOW 2 SYSTEM SUMMARY (OCO/GWOT)	80,652	80,652
10 GUIDED MLRS ROCKET (GMLRS) (OCO/GWOT)	75,991	75,991
12 LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) (OCO/GWOT)	4,777	4,777
<b>TOTAL, MISSILE PROCUREMENT, ARMY</b>	<b>632,817</b>	<b>405,317</b>
<b>PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY</b>		
6 BRADLEY UPGRADE PROGRAM (OCO/GWOT) Army requested transfer from title IX OM,A lines 111, 113, 115, 121, and 212	0	72,800 72,800
8 PALADIN INTEGRATED MANAGEMENT (PIM) (OCO/GWOT) Estimated contract savings	125,184	122,584 -2,600
10 ASSAULT BRIGADE (MOD) (OCO/GWOT)	5,950	5,950
15 M1 ABRAMS UPGRADE PROGRAM (OCO/GWOT) Army requested transfer from title IX OM,A lines 111, 113, 115, 121, and 212	0	172,200 172,200
18 MORTAR SYSTEMS (OCO/GWOT)	22,410	22,410
<b>TOTAL, PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY</b>	<b>153,544</b>	<b>395,944</b>

103A

P-1		Budget Request	Final Bill
<b>PROCUREMENT OF AMMUNITION, ARMY</b>			
2	CTG, 7.62MM, ALL TYPES (OCO/GWOT)	9,642	9,642
4	CTG, .50 CAL, ALL TYPES (OCO/GWOT)	6,607	6,607
5	CTG, 20MM, ALL TYPES (OCO/GWOT)	1,077	1,077
6	CTG, 25MM, ALL TYPES (OCO/GWOT)	28,534	28,534
7	CTG, 30MM, ALL TYPES (OCO/GWOT)	20,000	20,000
8	CTG, 40MM, ALL TYPES (OCO/GWOT)	7,423	6,923
	Unit cost growth		-500
9	60MM MORTAR, ALL TYPES (OCO/GWOT)	10,000	10,000
10	81MM MORTAR, ALL TYPES (OCO/GWOT)	2,677	2,677
12	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES (OCO/GWOT)	8,999	8,999
14	ARTILLERY PROJECTILE, 155M, ALL TYPES (OCO/GWOT)	30,348	30,348
15	PROJ 155MM EXTENDED RANGE M982 (OCO/GWOT)	140	140
16	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES (OCO/GWOT)	29,655	29,655
17	MINES & CLEARING CHARGES, ALL TYPES (OCO/GWOT)	16,866	16,866
18	SPIDER NETWORK MUNITIONS, ALL TYPES (OCO/GWOT)	10,353	0
	Army identified excess funds		-10,353
19	SHOULDER LAUNCHED MUNITIONS, ALL TYPES (OCO/GWOT)	63,210	63,210
20	ROCKET, HYDRA 70, ALL TYPES (OCO/GWOT)	42,851	42,851
22	DEMOLITION MUNITIONS, ALL TYPES (OCO/GWOT)	6,373	6,373
23	GRENADES, ALL TYPES (OCO/GWOT)	4,143	4,143
24	SIGNALS, ALL TYPES (OCO/GWOT)	1,852	1,852
27	NON-LETHAL AMMUNITION, ALL TYPES (OCO/GWOT)	773	773
<b>TOTAL, PROCUREMENT OF AMMUNITION, ARMY</b>		<b>301,523</b>	<b>290,670</b>
<b>OTHER PROCUREMENT, ARMY</b>			
2	SEMITRAILERS, FLATBED (OCO/GWOT)	4,180	4,180
8	FAMILY OF MEDIUM TACTICAL VEHICLES (OCO/GWOT)	299,476	299,476
10	FAMILY OF HEAVY TACTICAL VEHICLES (OCO/GWOT)	6,122	6,122
11	PLS ESP (OCO/GWOT)	106,358	106,358

103B

P-1	Budget Request	Final Bill
12 HEAVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV (OCO/GWOT)	203,766	203,766
13 TACTICAL WHEELED VEHICLE PROTECTION KITS (OCO/GWOT)	101,154	101,154
14 MODIFICATION OF IN SVC EQUIP (OCO/GWOT) Maintain level of effort	155,456	125,456 -30,000
19 WIN-T - GROUND FORCES TACTICAL NETWORK (OCO/GWOT)	9,572	9,572
25 SHF TERM (OCO/GWOT)	24,000	24,000
47 CI AUTOMATION ARCHITECTURE (OCO/GWOT)	1,550	1,550
51 COMSEC (OCO/GWOT)	1,928	1,928
56 INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM (OCO/GWOT)	20,510	20,510
62 DCGS-A (OCO/GWOT)	33,032	33,032
64 TROJAN (OCO/GWOT)	3,305	3,305
66 CI HUMINT AUTO REPORTING AND COLL (CHARCS) (OCO/GWOT)	7,233	7,233
69 BIOMETRIC TACTICAL COLLECTION DEVICES (OCO/GWOT)	5,670	5,670
70 LIGHTWEIGHT COUNTER MORTAR RADAR (OCO/GWOT)	25,892	25,892
74 FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIES (OCO/GWOT)	11,610	11,610
75 COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES (OCO/GWOT)	23,890	23,890
80 INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS (OCO/GWOT)	4,270	4,270
89 MORTAR FIRE CONTROL SYSTEM (OCO/GWOT)	2,572	2,572
92 AIR & MSL DEFENSE PLANNING & CONTROL SYSTEM (OCO/GWOT)	69,958	69,958
102 AUTOMATED DATA PROCESSING EQUIPMENT (OCO/GWOT)	9,900	9,900
108 ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) (OCO/GWOT)	96	96
114 CBRN DEFENSE (OCO/GWOT)	1,841	1,841
115 TACTICAL BRIDGING (OCO/GWOT)	26,000	26,000
124 ROBOTICS AND APPLIQUE SYSTEMS (OCO/GWOT)	268	268
128 FAMILY OF BOATS AND MOTORS (OCO/GWOT)	280	280

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P-1	Budget Request	Final Bill
129 HEATERS AND ECU'S (OCO/GWOT)	894	894
134 FORCE PROVIDER (OCO/GWOT)	53,800	53,800
135 FIELD FEEDING EQUIPMENT (OCO/GWOT)	2,665	2,665
CARGO AERIAL DELIVERY & PERSONNEL PARACHUTE		
136 SYSTEM (OCO/GWOT)	2,400	2,400
FAMILY OF ENGINEER COMBAT AND CONSTRUCTION SETS		
137 (OCO/GWOT)	9,789	9,789
138 ITEMS LESS THAN \$5M (ENG SPT) (OCO/GWOT)	300	300
139 QUALITY SURVEILLANCE EQUIPMENT (OCO/GWOT)	4,800	4,800
140 DISTRIBUTION SYSTEMS, PETROLEUM & WATER (OCO/GWOT)	78,240	78,240
141 COMBAT SUPPORT MEDICAL (OCO/GWOT)	5,763	5,763
142 MOBILE MAINTENANCE EQUIPMENT SYSTEMS (OCO/GWOT)	1,609	1,609
143 ITEMS LESS THAN \$5M (MAINT EQ) (OCO/GWOT)	145	145
144 GRADER, ROAD MTZD, HVY, 6X4 (CCE) (OCO/GWOT)	3,047	3,047
148 TRACTOR, FULL TRACKED (OCO/GWOT)	4,426	4,426
151 HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) (OCO/GWOT)	2,900	2,900
155 ITEMS LESS THAN \$5M (CONST EQUIP) (OCO/GWOT)	96	96
158 GENERATORS AND ASSOCIATED EQUIP (OCO/GWOT)	31,761	31,761
160 FAMILY OF FORKLIFTS (OCO/GWOT)	846	846
168 TEST EQUIPMENT MODERNIZATION (TEMOD) (OCO/GWOT)	1,140	1,140
RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT		
170 (OCO/GWOT)	8,500	8,500
<b>TOTAL, OTHER PROCUREMENT, ARMY</b>	<b>1,373,010</b>	<b>1,343,010</b>
<b>AIRCRAFT PROCUREMENT, NAVY</b>		
2 F/A-18E/F (FIGHTER) HORNET (OCO/GWOT)	184,912	167,912
Excess cost growth		-17,000
26 STUASL0 UAV (OCO/GWOT)	70,000	61,900
ICS excess growth		-8,100
35 SH-60 SERIES (OCO/GWOT)	3,000	3,000
36 H-1 SERIES (OCO/GWOT)	3,740	3,740
39 EP-3 SERIES (OCO/GWOT)	7,505	7,505
47 SPECIAL PROJECT AIRCRAFT (OCO/GWOT)	14,869	14,869

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P-1	Budget Request	Final Bill
51 COMMON ECM EQUIPMENT (OCO/GWOT)	98,240	98,240
59 V-22 OSPREY (OCO/GWOT)	8,740	8,740
63 SPARES AND REPAIR PARTS (OCO/GWOT)	1,500	1,500
65 AIRCRAFT INDUSTRIAL FACILITIES (OCO/GWOT)	524	524
<b>TOTAL, AIRCRAFT PROCUREMENT, NAVY</b>	<b>393,030</b>	<b>367,930</b>
<b>WEAPONS PROCUREMENT, NAVY</b>		
10 HELLFIRE (OCO/GWOT)	8,600	8,600
<b>TOTAL, WEAPONS PROCUREMENT, NAVY</b>	<b>8,600</b>	<b>8,600</b>
<b>PROCUREMENT OF AMMO, NAVY &amp; MARINE CORPS</b>		
1 GENERAL PURPOSE BOMBS (OCO/GWOT)	40,366	40,366
2 AIRBORNE ROCKETS, ALL TYPES (OCO/GWOT)	8,860	8,860
6 AIR EXPENDABLE COUNTERMEASURES (OCO/GWOT)	7,060	7,060
13 PYROTECHNIC AND DEMOLITION (OCO/GWOT)	1,122	1,122
14 AMMUNITION LESS THAN \$5 MILLION (OCO/GWOT)	3,495	3,495
15 SMALL ARMS AMMUNITION (OCO/GWOT)	1,205	1,205
17 40MM, ALL TYPES (OCO/GWOT)	539	481
MK281 unit cost growth		-58
18 60MM, ALL TYPES (OCO/GWOT)	909	909
20 120MM, ALL TYPES (OCO/GWOT)	530	0
Forward financing		-530
22 ROCKETS, ALL TYPES (OCO/GWOT)	469	469
23 ARTILLERY, ALL TYPES (OCO/GWOT)	1,196	1,196
24 DEMOLITION MUNITIONS, ALL TYPES (OCO/GWOT)	261	0
Prior year carryover		-261
25 FUZE, ALL TYPES (OCO/GWOT)	217	217
<b>TOTAL, PROCUREMENT OF AMMO, NAVY &amp; MARINE CORPS</b>	<b>66,229</b>	<b>65,380</b>
<b>OTHER PROCUREMENT, NAVY</b>		
81 DCGS-N (OCO/GWOT)	12,000	12,000
116 EXPLOSIVE ORDNANCE DISPOSAL EQUIP (OCO/GWOT)	99,329	74,934
Prior year carryover due to contract delay		-24,395
124 FIRE FIGHTING EQUIPMENT (OCO/GWOT)	630	630

(103E)

P-1	Budget Request	Final Bill
133 FIRST DESTINATION TRANSPORTATION (OCO/GWOT)	25	0
Excess to need		-25
137 COMMAND SUPPPORT EQUIPMENT (OCO/GWOT)	10,562	10,562
999 CLASSIFIED PROGRAMS (OCO/GWOT)	1,660	1,660
<b>TOTAL, OTHER PROCUREMENT, NAVY</b>	<b>124,206</b>	<b>99,786</b>
<b>PROCUREMENT, MARINE CORPS</b>		
<b>WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION</b>		
6 (OCO/GWOT)	572	572
10 JAVELIN (OCO/GWOT)	1,606	1,606
18 MODIFICATION KITS (OCO/GWOT)	2,600	2,600
19 ITEMS UNDER \$5 MILLION (COMM & ELEC) (OCO/GWOT)	2,200	2,200
26 INTELLIGENCE SUPPORT EQUIPMENT (OCO/GWOT)	20,981	20,981
29 RQ-11 UAV (OCO/GWOT)	3,817	3,817
35 COMMON COMPUTER RESOURCES (OCO/GWOT)	2,600	2,600
37 RADIO SYSTEMS (OCO/GWOT)	9,563	9,563
53 EOD SYSTEMS (OCO/GWOT)	75,000	75,000
<b>TOTAL, PROCUREMENT, MARINE CORPS</b>	<b>118,939</b>	<b>118,939</b>
<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>		
4 C-130J (OCO/GWOT)	73,000	73,000
11 CV-22 (OCO/GWOT)	0	97,000
Program increase - one aircraft for attrition reserve		97,000
15 MQ-9 (OCO/GWOT)	453,030	366,030
Air Force requested transfer to line 61 for spares		-60,000
Excess initial spares		-27,000
19 LAIRCM (OCO/GWOT)	135,801	135,801
20 A-10 (OCO/GWOT)	23,850	43,000
Excess funds		-850
Program increase - A-10 wing replacements		20,000
22 F-16 (OCO/GWOT)	0	17,000
Program increase - missile warning system		12,000
Program increase - anti-jam GPS		5,000
47 E-3 (OCO/GWOT)	6,600	6,600
56 HC/MC-130 MODIFICATIONS (OCO/GWOT)	13,550	13,550
57 OTHER AIRCRAFT (OCO/GWOT)	7,500	7,500

103F



P-1		Budget Request	Final Bill
59	MQ-9 MODS (OCO/GWOT) Early to need	112,068	73,768 -38,300
61	INITIAL SPARES/REPAIR PARTS (OCO/GWOT) Air Force requested transfer from line 15 for spares	25,600	85,600 60,000
77	OTHER PRODUCTION CHARGES (OCO/GWOT)	8,400	8,400
<b>TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE</b>		<b>859,399</b>	<b>927,249</b>
<b>MISSILE PROCUREMENT, AIR FORCE</b>			
6	PREDATOR HELLFIRE MISSILE (OCO/GWOT) Pricing adjustment	145,125	141,375 -3,750
7	SMALL DIAMETER BOMB (OCO/GWOT) Unit cost growth Previously funded requirement	167,800	67,100 -16,800 -83,900
11	AGM-65 MAVERICK (OCO/GWOT)	26,620	26,620
<b>TOTAL, MISSILE PROCUREMENT, AIR FORCE</b>		<b>339,545</b>	<b>235,095</b>
<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>			
1	ROCKETS (OCO/GWOT)	60,000	60,000
2	CARTRIDGES (OCO/GWOT)	9,830	9,830
4	GENERAL PURPOSE BOMBS (OCO/GWOT)	7,921	7,921
6	JOINT DIRECT ATTACK MUNITION (OCO/GWOT) Pricing adjustment Previously funded requirement	403,126	189,063 -12,500 -201,563
12	FLARES (OCO/GWOT)	6,531	6,531
<b>TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE</b>		<b>487,408</b>	<b>273,345</b>
<b>OTHER PROCUREMENT, AIR FORCE</b>			
1	PASSENGER CARRYING VEHICLES (OCO/GWOT)	2,003	2,003
2	MEDIUM TACTICAL VEHICLE (OCO/GWOT)	9,066	9,066
4	ITEMS LESS THAN \$5M (CARGO & UTILITY) (OCO/GWOT)	12,264	12,264
6	ITEMS LESS THAN \$5M (SPECIAL PURPOSE) (OCO/GWOT)	16,789	16,789
7	FIRE FIGHTING/CRASH RESCUE VEHICLES (OCO/GWOT)	48,590	48,590
8	ITEMS LESS THAN \$5M (MHE) (OCO/GWOT)	2,366	2,366
9	RUNWAY SNOW REMOVAL & CLEANING EQUIPMENT (OCO/GWOT)	6,468	6,468

(1036)

P-1	Budget Request	Final Bill
ITEMS LESS THAN \$5M (BASE MAINTENANCE SUPPORT)		
10 (OCO/GWOT)	9,271	9,271
16 AIR TRAFFIC LANDING & CONTROL SYSTEMS (OCO/GWOT) D-ILS schedule slip	42,650	21,325 -21,325
29 AIR FORCE PHYSICAL SECURITY SYSTEM (OCO/GWOT)	7,500	7,500
33 C3 COUNTERMEASURES (OCO/GWOT)	620	620
52 TACTICAL C-E EQUIPMENT (OCO/GWOT)	8,100	8,100
56 COMM ELECT MODS (OCO/GWOT)	3,800	3,800
61 ENGINEERING AND EOD EQUIPMENT (OCO/GWOT) JCREW - unjustified unit cost increase	53,900	46,400 -7,500
67 DCGS-AF (OCO/GWOT)	800	800
999 CLASSIFIED PROGRAMS (OCO/GWOT) Classified adjustment	3,472,094	3,334,094 -138,000
<b>TOTAL, OTHER PROCUREMENT, AIR FORCE</b>	<b>3,696,281</b>	<b>3,529,456</b>
<b>PROCUREMENT, DEFENSE-WIDE</b>		
7 TELEPORT PROGRAM (OCO/GWOT)	3,900	3,900
16 DEFENSE INFORMATION SYSTEMS NETWORK (OCO/GWOT)	2,000	2,000
999 CLASSIFIED PROGRAMS (OCO/GWOT)	32,482	32,482
41 MC-12 (OCO/GWOT)	5,000	5,000
43 UNMANNED ISR (OCO/GWOT)	11,880	11,880
46 U-28 (OCO/GWOT)	38,283	38,283
48 CV-22 SOF MODIFICATION (OCO/GWOT) Program increase	0	25,000 25,000
57 ORDNANCE ITEMS <\$5M (OCO/GWOT)	52,504	52,504
58 INTELLIGENCE SYSTEMS (OCO/GWOT)	22,000	22,000
60 OTHER ITEMS <\$5M (OCO/GWOT)	11,580	11,580
62 SPECIAL PROGRAMS (OCO/GWOT)	13,549	13,549
63 TACTICAL VEHICLES (OCO/GWOT)	3,200	3,200
69 SOF OPERATIONAL ENHANCEMENTS (OCO/GWOT) Classified adjustment	42,056	22,806 -19,250
<b>TOTAL, PROCUREMENT, DEFENSE-WIDE</b>	<b>238,434</b>	<b>244,184</b>

103H

P-1	Budget Request	Final Bill
<b>NATIONAL GUARD &amp; RESERVE EQUIPMENT</b>		
<b>RESERVE EQUIPMENT</b>		
ARMY RESERVE MISCELLANEOUS EQUIPMENT (OCO/GWOT)	0	105,000 105,000
NAVY RESERVE MISCELLANEOUS EQUIPMENT (OCO/GWOT)	0	37,500 37,500
MARINE CORPS RESERVE MISCELLANEOUS EQUIPMENT (OCO/GWOT)	0	7,500 7,500
AIR FORCE RESERVE MISCELLANEOUS EQUIPMENT (OCO/GWOT)	0	105,000 105,000
TOTAL, RESERVE EQUIPMENT	0	255,000
<b>NATIONAL GUARD EQUIPMENT</b>		
ARMY NATIONAL GUARD MISCELLANEOUS EQUIPMENT (OCO/GWOT)	0	247,500 247,500
AIR NATIONAL GUARD MISCELLANEOUS EQUIPMENT (OCO/GWOT)	0	247,500 247,500
TOTAL, NATIONAL GUARD EQUIPMENT	0	495,000
<b>TOTAL, NATIONAL GUARD &amp; RESERVE EQUIPMENT</b>	<b>0</b>	<b>750,000</b>
<b>TOTAL PROCUREMENT</b>	<b>9,106,136</b>	<b>9,368,076</b>

(103I)

## NATIONAL GUARD AND RESERVE EQUIPMENT

The agreement provides \$750,000,000 for National Guard and Reserve Equipment. Of that amount \$247,500,000 is designated for the Army National Guard, \$247,500,000 for the Air National Guard, \$105,000,000 for the Army Reserve, \$105,000,000 for the Air Force Reserve, \$37,500,000 for the Navy Reserve, and \$7,500,000 for the Marine Corps Reserve.

This funding will allow the reserve components to procure high priority equipment that may be used for combat and domestic response missions. Current reserve component equipping levels are among the highest in recent history and the funding provided by the agreement will help ensure component interoperability and sustained reserve component modernization.

The Secretary of Defense is directed to ensure that the account be executed by the Chiefs of the National Guard and reserve components with priority consideration given to the following items: acoustic hailing devices including hail and warning escalation of force systems, advanced cargo handling systems for CH-47, air broadband for C-12, airborne sense and avoid systems for remotely piloted aircraft, all-digital radar warning receivers, chemical biological protective shelters, combat uniforms and cold weather protective clothing, common access card for remote access virtual private network with pre-tunnel authentication, computer-assisted language learning software, crashworthy ballistically tolerant auxiliary fuel systems, integrated facial protection components for standard issue helmets, large aircraft infrared countermeasures, advanced targeting pods, electromagnetic in-flight propeller balance systems, electro-optical infrared sensors, frequency hopping multiplexers, handheld and manpack and mid-tier networking vehicular radios, handheld explosives and chemical weapons detection capabilities, HMMWV rollover mitigation and control technologies, lightweight wide-area motion

imagery systems, modular small arms and self-contained ranges, joint threat emitters, mandible protection, Marine Corps tactical radio digital communications, the mobile user objective system, modular fuel systems, palletized loading systems, multi-temperature refrigerated container systems, near infrared aiming and illumination systems, out of band infrared pointer and illuminator systems, radiac sets, semi-trailers, unstabilized gunnery crew trainer and small arms simulation trainers, and wireless mobile mesh self-healing network systems.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The agreement on items addressed by either the House or the Senate is as follows:

~~(INSERT RDTE OCO TABLE)~~ Insert 106A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

R-1	Budget Request	Final Bill
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, ARMY</b>		
55 ARMY SPACE SYSTEM INTEGRATION (OCO/GWOT)	9,375	9,375
90 NON-SYSTEM TRAINING DEVICES - ENG DEV (OCO/GWOT)	33	33
117 COMMON INFRARED COUNTERMEASURES (CIRCM) (OCO/GWOT)	10,900	10,900
122 AIRCRAFT SURVIVABILITY DEVELOPMENT (OCO/GWOT)	73,110	73,110
208 BIOMETRICS ENABLED INTELLIGENCE (OCO/GWOT)	7,104	7,104
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, ARMY</b>	<b>100,522</b>	<b>100,522</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, NAVY</b>		
38 RETRACT LARCH (OCO/GWOT)	3,907	3,907
78 TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM) (OCO/GWOT)	37,990	37,990
999 CLASSIFIED PROGRAMS (OCO/GWOT)	36,426	36,426
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, NAVY</b>	<b>78,323</b>	<b>78,323</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, AIR FORCE</b>		
58 COUNTERSPACE SYSTEMS (OCO/GWOT)	425	425
131 MQ-9 (OCO/GWOT) Program increase - auto takeoff and landing capability	0	35,000 35,000
200 SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT (OCO/GWOT)	4,715	4,715
999 CLASSIFIED PROGRAMS (OCO/GWOT)	27,765	27,765
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, AIR FORCE</b>	<b>32,905</b>	<b>67,905</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, DEFENSE-WIDE</b>		
999 CLASSIFIED PROGRAMS (OCO/GWOT) Classified adjustment	162,419	159,919 -2,500
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, DEFENSE-WIDE</b>	<b>162,419</b>	<b>159,919</b>
<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION</b>	<b>374,169</b>	<b>406,669</b>

106A

## REVOLVING AND MANAGEMENT FUNDS

The agreement on items addressed by either the House or the Senate is as follows:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
WORKING CAPITAL FUND, ARMY	46,833	46,833
WORKING CAPITAL FUND, DEFENSE-WIDE	93,800	93,800
TOTAL, DEFENSE WORKING CAPITAL FUNDS	140,633	140,633



OTHER DEPARTMENT OF DEFENSE PROGRAMS

DEFENSE HEALTH PROGRAM

The agreement on items addressed by either the House or the Senate is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

	Budget Request	Final Bill
IN-HOUSE CARE	95,366	95,366
PRIVATE SECTOR CARE	233,073	233,073
CONSOLIDATED HEALTH SUPPORT	3,325	3,325
TOTAL, OPERATION AND MAINTENANCE	331,764	331,764

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

The agreement provides \$215,333,000 for Drug Interdiction and Counter-drug Activities, Defense.

## JOINT IMPROVISED-THREAT DEFEAT FUND

The agreement on items addressed by either the House or the Senate is as follows:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
<b>RAPID ACQUISITION AND THREAT RESPONSE</b>	<b>345,472</b>	<b>339,472</b>
Prior year carryover		-6,000
<b>MISSION ENABLERS</b>	<b>62,800</b>	<b>0</b>
Transfer to title IX OM,DW		-62,800
<b>TOTAL, JOINT IMPROVISED-THREAT FUND</b>	<b>408,272</b>	<b>339,472</b>

### JOINT IMPROVISED-THREAT DEFEAT FUND

The fiscal year 2017 budget request includes \$408,272,000 in Overseas Contingency Operations funding for the Joint Improvised-Threat Defeat Fund. To preserve the essential joint capabilities of the Joint Improvised-Threat Defeat Organization (JIDO) and eliminate any duplication with Service capabilities, the agreement recommends transferring \$62,800,000 to the Operation and Maintenance, Defense-Wide account in title IX.

The budget request proposed consolidating the sub-accounts under the appropriation into a single account titled Rapid Acquisition and Threat Response. This flexibility would allow for quick reaction changes in spending; however, it would prevent the congressional defense committees from having any insight into why or when these funding changes occur. Therefore, the agreement provides the following funding levels for JIDO programs: \$101,286,000 for Rapid Capability Delivery; \$200,886,000 for Assist

Situational Understanding; and \$37,300,000 for Enable Department of Defense Responsiveness. The Director of the JIDO is directed to provide quarterly reports to the congressional defense committees should funding be shifted between the accounts not later than 15 days after the end of the fiscal quarter.

OFFICE OF THE INSPECTOR GENERAL

The agreement provides \$22,062,000 for the Office of the Inspector General.

## GENERAL PROVISIONS – THIS TITLE

The agreement for title IX incorporates general provisions from the House and Senate versions of the bill which were not amended. Those general provisions that were addressed in the agreement are as follows:

The agreement retains a provision proposed by the Senate which provides for special transfer authority within title IX. The House bill contained a similar provision.

The agreement retains a provision proposed by the Senate which provides funds for logistical support to allied forces supporting military and stability operations in Afghanistan and to counter the Islamic State of Iraq and the Levant. The House bill contained a similar provision.

The agreement retains a provision proposed by the House which provides funds for the Office of Security Cooperation in Iraq. The Senate bill contained no similar provision.

The agreement modifies a provision proposed by the House which provides security assistance to the Government of Jordan. The Senate bill contained no similar provision.

The agreement modifies a provision proposed by the House which prohibits the use of the Counter-ISIL Train and Equip Fund to procure or transfer man-portable air defense systems. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which provides assistance and sustainment to the military and national security forces of Ukraine. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House related to the replacement of funds for items provided to the Government of Ukraine. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which prohibits the use of assistance and sustainment to the military and national security forces of Ukraine to procure or transfer man-portable air defense systems. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the House which provides funds to the Department of Defense to improve intelligence, surveillance, and reconnaissance capabilities. The Senate bill contained no similar provision.

The agreement retains a provision proposed by the Senate which prohibits the use of funds to transfer additional C-130 aircraft to Afghanistan until the Department of Defense conducts a review of the country's medium airlift requirements. The House bill contained no similar provision.

(RESCISSIONS)

The agreement modifies a provision proposed by the House recommending rescissions and provides for the rescission of \$819,000,000. The Senate bill contained a similar provision. The rescissions agreed to are:

2016 Appropriations:

Operation and Maintenance, Defense-Wide:

DSCA Coalition Support Fund .....\$300,000,000

Counterterrorism Partnership Fund:

Counterterrorism Partnership Fund .....200,000,000

Afghanistan Security Forces Fund:

Afghanistan Security Forces Fund.....150,000,000

Other Procurement, Air Force:

Classified adjustment .....169,000,000

(RESCISSION)

The agreement modifies a provision proposed by the Senate recommending rescissions and provides for the rescission of \$11,524,000. The House bill contained no similar provision. The rescission agreed to is:

2011/XXXX Appropriation:

Operation and Maintenance, Defense-Wide:

DSCA Coalition Support Fund .....\$11,524,000

The agreement adds a provision which terminates the Mine Resistant Ambush Protected Vehicle Fund. The House and Senate bills contained no similar provisions.

**TITLE X**  
**ADDITIONAL APPROPRIATIONS**

The agreement provides \$14,752,267,000 in Title X, Additional Appropriations. The additional appropriations provided in this title are intended to invest in items and programs to improve the training and equipment of the military Services in order to rebuild both near-term and long-term readiness, directly support overseas contingency operations, fulfill urgent or emergent operational needs of the combatant commanders, replace operational losses of equipment, and address other unforeseen requirements.



## MILITARY PERSONNEL

The agreement provides an additional appropriation of \$131,375,000 for Military Personnel. The amount provided for each military personnel account is as follows:

~~(INSERT PROJECT LEVEL TABLE)~~

insert 117

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
[In thousands of dollars]

M-1	Recommended
<b>MILITARY PERSONNEL, AIR FORCE</b>	
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>	
BASIC PAY	10,047
RETIRED PAY ACCRUAL	1,421
BASIC ALLOWANCE FOR HOUSING	1,944
BASIC ALLOWANCE FOR SUBSISTENCE	275
SPECIAL PAYS	800
ALLOWANCES	1,000
SOCIAL SECURITY TAX	764
<b>TOTAL, BA-1</b>	<b>16,251</b>
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>	
BASIC PAY	64,270
RETIRED PAY ACCRUAL	13,037
BASIC ALLOWANCE FOR HOUSING	23,994
SPECIAL PAYS	1,800
ALLOWANCES	2,900
SOCIAL SECURITY TAX	4,917
<b>TOTAL, BA-2</b>	<b>110,918</b>
<b>BA-4: SUBSISTENCE OF ENLISTED PERSONNEL</b>	
BASIC ALLOWANCE FOR SUBSISTENCE	6,306
SUBSISTENCE-IN-KIND	7,100
<b>TOTAL, BA-4</b>	<b>13,406</b>
<b>BA-6: OTHER MILITARY PERSONNEL COSTS</b>	
UNEMPLOYMENT BENEFITS	-10,000
SGLI EXTRA HAZARD PAYMENTS	800
<b>TOTAL, BA-6</b>	<b>-9,200</b>
<b>TOTAL, MILITARY PERSONNEL, AIR FORCE</b>	<b>131,375</b>
<b>TOTAL, MILITARY PERSONNEL</b>	<b>131,375</b>

## OPERATION AND MAINTENANCE

### OPERATION AND MAINTENANCE

The agreement provides an additional appropriation of \$7,697,433,000 for Operation and Maintenance. The amount provided for each operation and maintenance account is as follows:

~~(INSERT PROJECT LEVEL TABLE)~~

insert 119-122

### COUNTER-ISIL TRAIN AND EQUIP FUND

The agreement provides an additional appropriation of \$626,400,000 for the Counter-ISIL Train and Equip Fund. Amounts made available in this title for the Fund may not be obligated or expended until 15 days after the President submits a report on the United States strategy for the defeat of the Islamic State of Iraq and al Sham in accordance with section 10005 of this Act.

### COUNTER-ISIL OVERSEAS CONTINGENCY OPERATIONS TRANSFER FUND

The agreement provides an appropriation of \$1,610,000,000 for the Counter-ISIL Overseas Contingency Operations Transfer Fund. The Secretary may transfer

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
[In thousands of dollars]

O-1	Recommended
<b>OPERATION AND MAINTENANCE, ARMY</b>	
111 MANEUVER UNITS	254,697
114 THEATER LEVEL ASSETS	229,217
115 LAND FORCES OPERATIONS SUPPORT	20,199
116 AVIATION ASSETS	18,000
121 FORCE READINESS OPERATIONS SUPPORT	8,000
123 LAND FORCES DEPOT MAINTENANCE	45,000
131 BASE OPERATIONS SUPPORT	3,700
132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	206,336
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS	12,700
135 ADDITIONAL ACTIVITIES	100,950
138 COMBATANT COMMANDERS ANCILLARY MISSIONS	35,200
411 SECURITY PROGRAMS	52,755
<b>TOTAL, OPERATION AND MAINTENANCE, ARMY</b>	<b>986,754</b>
<b>OPERATION AND MAINTENANCE, NAVY</b>	
1A1A MISSION AND OTHER FLIGHT OPERATIONS	290,543
1A2A FLEET AIR TRAINING	61,971
1A4N AIR SYSTEMS SUPPORT	46,698
1A5A AIRCRAFT DEPOT MAINTENANCE	34,528
1A6A AIRCRAFT DEPOT OPERATIONS SUPPORT	1,700
1A9A AVIATION LOGISTICS	43,500
1B1B MISSION AND OTHER SHIP OPERATIONS	273,250
1B4B SHIP DEPOT MAINTENANCE	573,009
1B5B SHIP DEPOT OPERATIONS SUPPORT	2,713
1C1C COMBAT COMMUNICATIONS	4,069
1C3C SPACE SYSTEMS AND SURVEILLANCE	4,700
1C4C WARFARE TACTICS	30,100
1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	10,000

O-1	Recommended
1C6C COMBAT SUPPORT FORCES	105,613
1C7C EQUIPMENT MAINTENANCE	11,800
1D1D CRUISE MISSILE	7,500
1D3D IN-SERVICE WEAPONS SYSTEMS SUPPORT	2,800
1D4D WEAPONS MAINTENANCE	70,500
BSM1 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	146,286
BSS1 BASE OPERATING SUPPORT	33,667
2A1F SHIP PREPOSITIONING AND SURGE	10,000
9999 OTHER PROGRAMS	7,684
<b>TOTAL, OPERATION AND MAINTENANCE, NAVY</b>	<b>1,772,631</b>
<b>OPERATION AND MAINTENANCE, MARINE CORPS</b>	
1A1A OPERATIONAL FORCES	29,383
1A2A FIELD LOGISTICS	15,214
BSM1 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	135,844
BSS1 BASE OPERATING SUPPORT	56,909
4A4G ADMINISTRATION [ONLY FOR ANALYTICAL SUPPORT]	17,900
<b>TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS</b>	<b>255,250</b>
<b>OPERATION AND MAINTENANCE, AIR FORCE</b>	
011A PRIMARY COMBAT FORCES	326,169
011C COMBAT ENHANCEMENT FORCES	12,500
011M DEPOT MAINTENANCE	267,411
011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	417,800
011Z BASE OPERATING SUPPORT	272,417
012A GLOBAL C3I AND EARLY WARNING	26,800
012C OTHER COMBAT OPS SUPPORT PROGRAMS	72,435
013A LAUNCH FACILITIES	11,700
015A COMBATANT COMMANDERS DIRECT MISSION SUPPORT	36,200
021A AIRLIFT OPERATIONS	-196,989
021M DEPOT MAINTENANCE	-135,611
021Z BASE SUPPORT	148,370

O-1	Recommended
031Z BASE SUPPORT	-15,760
041A LOGISTICS OPERATIONS	15,760
041B TECHNICAL SUPPORT ACTIVITIES	8,500
041Z BASE SUPPORT	122,713
042B SERVICEWIDE COMMUNICATIONS	170,335
042G OTHER SERVICEWIDE ACTIVITIES	1,872
043A SECURITY PROGRAMS	3,650
<b>TOTAL, OPERATION AND MAINTENANCE, AIR FORCE</b>	<b>1,566,272</b>
<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE</b>	
1PL2 SPECIAL OPERATIONS COMMAND	344,889
011A MISSILE DEFENSE AGENCY	20,300
4GTN OFFICE OF THE SECRETARY OF DEFENSE	25,116
9999 OTHER PROGRAMS	260,646
<b>TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE</b>	<b>650,951</b>
<b>OPERATION AND MAINTENANCE, NAVY RESERVE</b>	
1A5A AIRCRAFT DEPOT MAINTENANCE	3,208
<b>TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE</b>	<b>3,208</b>
<b>OPERATION AND MAINTENANCE, AIR FORCE RESERVE</b>	
011M DEPOT MAINTENANCE	51,100
011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	62,999
011Z BASE OPERATING SUPPORT	1,000
<b>TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE</b>	<b>115,099</b>
<b>OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD</b>	
111 MANEUVER UNITS	8,000
116 AVIATION ASSETS	44,000
123 LAND FORCES DEPOT MAINTENANCE	30,000
131 BASE OPERATIONS SUPPORT	5,868
<b>TOTAL, OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD</b>	<b>87,868</b>

O-1

Recommended

**OPERATION AND MAINTENANCE, AIR NATIONAL GUARD**

011M DEPOT MAINTENANCE 23,000

**TOTAL, OPERATION AND MAINTENANCE, AIR NATIONAL GUARD 23,000**

**COUNTER-ISIL TRAIN AND EQUIP FUND**

COUNTER-ISIL TRAIN AND EQUIP FUND 626,400

**TOTAL, COUNTER-ISIL TRAIN AND EQUIP FUND 626,400**

**COUNTER-ISIL OVERSEAS CONTINGENCY OPERATIONS TRANSFER FUND**

COUNTER-ISIL OVERSEAS CONTINGENCY OPERATIONS TRANSFER FUND 1,610,000

**TOTAL, COUNTER-ISIL OVERSEAS CONTINGENCY OPERATIONS TRANSFER FUND 1,610,000**

**TOTAL, OPERATION AND MAINTENANCE 7,697,433**

amounts provided in this Fund for expenses directly relating to overseas contingency operations by United States military forces to the military personnel, operation and maintenance, procurement, and working capital fund accounts. All transfers from the fund are subject to 15 day prior notification to the congressional defense committees. In addition, the first transfer from the Fund shall not be made until 15 days after the President submits a report on the United States strategy for the defeat of the Islamic State of Iraq and al Sham in accordance with section 10005 of this Act.



## PROCUREMENT

The agreement provides an additional appropriation of \$5,520,220,000 for Procurement. The amount provided for each procurement account is as follows:

~~(INSERT PROJECT LEVEL TABLE)~~

insert 125-130

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

P-1	Recommended
<b>AIRCRAFT PROCUREMENT, ARMY</b>	
1 SATURN ARCH	23,000
3 MQ-1 UAV	80,000
6A AH-64 APACHE BLOCK IIIB NEW BUILD	71,800
13 MQ-1 PAYLOAD	28,000
16 AH-64 MODS	50,000
26 RQ-7 UAV MODS	62,464
27 UAS MODS	1,520
<b>TOTAL, AIRCRAFT PROCUREMENT, ARMY</b>	<b>316,784</b>
<b>MISSILE PROCUREMENT, ARMY</b>	
2 MSE MISSILE	279,000
7 JAVELIN SYSTEM SUMMARY	73,200
8 TOW 2 SYSTEM SUMMARY	35,903
10 GUIDED MLRS ROCKET (GMLRS)	154,500
12 LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS)	12,300
14 ATACMS MODS	15,900
16 STINGER MODS	6,578
17 AVENGER MODS	2,373
<b>TOTAL, MISSILE PROCUREMENT, ARMY</b>	<b>579,754</b>
<b>PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY</b>	
2 STRYKER MOD	8,333
25 M777 MODS	21,687
31 M119 MODS	31,198
<b>TOTAL, PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY</b>	<b>61,218</b>
<b>PROCUREMENT OF AMMUNITION, ARMY</b>	
1 CTG, 5.56MM, ALL TYPES	4,000
2 CTG, 7.62MM, ALL TYPES	7,000
4 CTG, .50 CAL, ALL TYPES	7,000

P-1	Recommended
5 CTG, 20MM, ALL TYPES	28,000
7 CTG, 30MM, ALL TYPES	8,200
11 120MM MORTAR, ALL TYPES	27,300
13 ARTILLERY CARTRIDGES, 75M & 105MM, ALL TYPES	4,490
14 ARTILLERY PROJECTILE, 155M, ALL TYPES	2,238
15 PROJ 155MM EXTENDED RANGE M982	135,400
16 ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES	51,667
20 ROCKET, HYDRA 70, ALL TYPES	10,000
32 PROVISION OF INDUSTRIAL FACILITIES	162,390
<b>TOTAL, PROCUREMENT OF AMMUNITION, ARMY</b>	<b>447,685</b>
<b>OTHER PROCUREMENT, ARMY</b>	
47 CI AUTOMATION ARCHITECTURE	8,500
62 DCGS-A	10,000
64 TROJAN	4,920
65 MOD OF IN-SVC EQUIPMENT	540
70 LIGHTWEIGHT COUNTER MORTAR RADAR	30,800
74 FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIES	21,191
78 NIGHT VISION DEVICES	1,141
79 SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	2,958
80 INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	102,640
85 JOINT BATTLE COMMAND - PLATFORM	90,072
92 AIR & MSL DEFENSE PLANNING & CONTROL SYSTEM	2,205
113 BASE DEFENSE SYSTEMS	26,572
114 CBRN DEFENSE	27,980
XX BASE EXPEDITIONARY TARGETING AND SURVEILLANCE SYSTEM	82,590
<b>TOTAL, OTHER PROCUREMENT, ARMY</b>	<b>412,109</b>
<b>AIRCRAFT PROCUREMENT, NAVY</b>	
5 JSF STOVL	2,913
9 V-22	85,419
30 AV-8 SERIES	1,484

P-1	Recommended
34 H-53 SERIES	13,000
56 MAGTF EW FOR AVIATION	16,300
59 V-22 (TILT/ROTOR ACFT) OSPREY	99,000
63 SPARES AND REPAIR PARTS	96,141
<b>TOTAL, AIRCRAFT PROCUREMENT, NAVY</b>	<b>314,257</b>
<b>WEAPONS PROCUREMENT, NAVY</b>	
3 TOMAHAWK	85,000
8 RAM	24,000
11 LASER MAVERICK	20,000
<b>TOTAL, WEAPONS PROCUREMENT, NAVY</b>	<b>129,000</b>
<b>PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS</b>	
1 GENERAL PURPOSE BOMBS	58,000
2 AIRBORNE ROCKETS, ALL TYPES	41,500
15 SMALL ARMS AMMUNITION	3,600
<b>TOTAL, PROCUREMENT OF AMMO, NAVY &amp; MARINE CORPS</b>	<b>103,100</b>
<b>OTHER PROCUREMENT, NAVY</b>	
8 SUB PERISCOPES, IMAGING AND SUPT EQUIP PROG	18,000
9 DDG MOD	65,000
45 SSN ACOUSTIC EQUIPMENT	19,500
51 SURTASS	10,000
114 SSN COMBAT CONTROL SYSTEMS	14,000
115 ASW SUPPORT EQUIPMENT	10,000
116 EXPLOSIVE ORDNANCE DISPOSAL EQUIP	5,500
145 PHYSICAL SECURITY EQUIPMENT	9,297
<b>TOTAL, OTHER PROCUREMENT, NAVY</b>	<b>151,297</b>
<b>PROCUREMENT, MARINE CORPS</b>	
4 155MM LIGHTWEIGHT TOWED HOWITZER	14,000
5 HIGH MOBILITY ARTILLERY ROCKET SYSTEM	18,535
10 JAVELIN	77,009
19 ITEMS UNDER \$5 MILLION (COMM & ELEC)	8,300

P-1	Recommended
23 RQ-21 UAS	8,960
26 INTELLIGENCE SUPPORT EQUIPMENT	36,394
31 DCGS-MC	11,382
37 RADIO SYSTEMS	4,600
53 EOD SYSTEMS	21,300
60 FAMILY OF CONSTRUCTION EQUIPMENT	11,500
62 ITEMS LESS THAN \$5 MILLION	300
<b>TOTAL, PROCUREMENT, MARINE CORPS</b>	<b>212,280</b>
<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>	
1 F-35 (ONLY FOR TRAINING AND SUPPORT COSTS)	75,000
17 B-1B MODS	34,000
20 A-10 MODS	38,500
22 F-16 MODS	144,100
42 C-130 MODS	123,500
45 COMPASS CALL MODS	82,400
49 E-8 JSTARS MODS	3,000
50 AWACS MODS	21,800
54 H-60 MODS	7,700
56 HC/MC-130 MODS	7,000
61 INITIAL SPARES AND REPAIR PARTS	95,000
62 AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT	61,520
77 OTHER PRODUCTION CHARGES	163,300
<b>TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE</b>	<b>856,820</b>
<b>SPACE PROCUREMENT, AIR FORCE</b>	
3 COUNTERSPACE SYSTEMS	19,900
<b>TOTAL, SPACE PROCUREMENT, AIR FORCE</b>	<b>19,900</b>
<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>	
4 GENERAL PURPOSE BOMBS	60,000
13 FUZES	10,000
<b>TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE</b>	<b>70,000</b>

P-1	Recommended
<b>OTHER PROCUREMENT, AIR FORCE</b>	
6 ITEMS LESS THAN \$5M (SPECIAL)	35,000
7 FIRE FIGHTING / CRASH RESCUE VEHICLES	69,000
9 RUNWAY SNOW REMOVAL / CLEANING EQUIPMENT	52,830
10 ITEMS LESS THAN \$5M (BASE MAINTENANCE)	91,136
29 AIR FORCE PHYSICAL SECURITY SYSTEM	190,600
52 TACTICAL C-E EQUIPMENT	34,200
58 ITEMS LESS THAN \$5M (SAFETY)	16,600
61 ENGINEERING AND EOD EQUIPMENT	221,000
63 MOBILITY EQUIPMENT	34,982
67 DISTRIBUTED GROUND SYSTEMS	28,454
69 SPECIAL UPDATE PROGRAM	1,000
72 SPARES AND REPAIR PARTS	816
999 CLASSIFIED PROGRAMS	559,763
<b>TOTAL, OTHER PROCUREMENT, AIR FORCE</b>	<b>1,335,381</b>
<b>PROCUREMENT, DEFENSE-WIDE</b>	
6 INFORMATION SYSTEMS SECURITY, DISA	10,800
7 TELEPORT PROGRAM, DISA	6,000
17 MAJOR EQUIPMENT, DLA	1,750
23 THAAD SYSTEM, MDA	151,000
999 CLASSIFIED PROGRAMS	27,000
XX MANNED ISR	4,800
41 MC-12	15,000
XX MH-60 BLACKHAWK	18,600
43 SOF UNMANNED ISR	47,750
46 SOF U-28	34,300
49 SOF CV-22 MODIFICATION	5,700
51 MQ-9	43,435
53 SOF PRECISION STRIKE PACKAGE	30,500
54 SOF AC/MC-130J	6,500

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P-1	Recommended
57 SOF ORDNANCE ITEMS <\$5 MILLION	9,000
59 SOF DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	1,800
64 SOF WARRIOR SYSTEMS <\$5M	600
65 SOF COMBAT MISSION REQUIREMENTS	10,000
69 SOF OPERATIONAL ENHANCEMENTS	16,900
999 CLASSIFIED PROGRAMS	69,200
<hr/> TOTAL, PROCUREMENT, DEFENSE-WIDE	<hr/> 510,635
<hr/> TOTAL, PROCUREMENT	<hr/> 5,520,220

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## RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The agreement provides an additional appropriation of \$990,558,000 for Research, Development, Test and Evaluation. The amount provided for each research, development, test and evaluation account is as follows:

~~(INSERT PROJECT LEVEL TABLE)~~

insert 132-133



EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

R-1	Recommended
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, ARMY</b>	
37 TRACTOR HIKE	13,300
57 SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV	16,020
90 NON-SYSTEM TRAINING DEVICE	5,000
91 AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE (ONLY FOR JUONS)	65,200
136 ELECTRONIC WARFARE DEVELOPMENT	4,000
144 ARMY TEST RANGES AND FACILITIES	14,134
164 WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS	5,100
179 COMBAT VEHICLE IMPROVEMENT PROGRAMS (ONLY FOR APS)	10,000
184 MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM (ONLY FOR SHORAD)	20,000
185 OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	1,080
187 INTEGRATED BASE DEFENSE - OPERATIONAL SYSTEM DEV	3,450
xx FOREIGN COUNTERINTELLIGENCE ACTIVITIES	4,100
208 BIOMETRICS ENABLED INTELLIGENCE	1,750
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, ARMY</b>	<b>163,134</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, NAVY</b>	
38 RETRACT LARCH	32,000
42 ADVANCED SUBMARINE SYSTEM DEVELOPMENT (ONLY FOR PACOM JEON)	5,800
58 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT (ONLY FOR CENTCOM JUONS)	3,500
86 OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT	10,100
129 MINE DEVELOPMENT (ONLY FOR PACOM JEON)	4,800
176 TEST AND EVALUATION SUPPORT (ONLY FOR HURRICANE MATTHEW DAMAGE)	52,300
211 MARINE CORPS COMMUNICATIONS SYSTEMS (ONLY FOR MARCENT UUNS)	41,714
USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP) (ONLY FOR JWICS AND 215 SIGINT)	5,800
999 CLASSIFIED PROGRAMS	92,200
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY</b>	<b>248,214</b>

R-1	Recommended
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, AIR FORCE</b>	
50 CYBER OPERATIONS TECHNOLOGY DEV	4,700
56 PHYSICAL SECURITY EQUIPMENT	27,000
133 A-10 SQUADRONS	6,500
134 F-16 SQUADRONS	15,000
216 JSPOC MISSION SYSTEM	6,700
220 SPACE SITUATION AWARENESS	58,800
230 CV-22	12,000
999 CLASSIFIED PROGRAMS	166,600
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, AIR FORCE</b>	<b>297,300</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, DEFENSE-WIDE</b>	
32 ADVANCED RESEARCH (ONLY FOR ATMD JEON)	4,300
69 WALKOFF	8,500
76 BALLISTIC MISSILE SENSORS (ONLY FOR TPY-2 NOISE MITIGATION)	6,400
77 BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS (ONLY FOR ATMD JEON AND FE-01)	7,000
82 BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (ONLY FOR ATMD JEON)	16,650
86 SEA BASED X-BAND RADAR (SBX)	4,500
94 MISSILE DEFEAT PROJECT	70,500
95 ADVANCED INNOVATIVE TECHNOLOGIES	1,600
104 LONG RANGE DISCRIMINATION RADAR (LRDR)	9,900
999 CLASSIFIED PROGRAMS	1,600
244 SOF AVIATION SYSTEMS	4,400
247 SOF WARRIOR SYSTEMS	400
999 CLASSIFIED PROGRAMS	143,435
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, DEFENSE-WIDE</b>	<b>279,185</b>
<b>OPERATIONAL TEST AND EVALUATION, DEFENSE</b>	
1 OPERATIONAL TEST AND EVALUATION	2,725
<b>TOTAL, OPERATIONAL TEST &amp; EVALUATION, DEFENSE</b>	<b>2,725</b>
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION</b>	<b>990,558</b>

## REVOLVING AND MANAGEMENT FUNDS

### DEFENSE WORKING CAPITAL FUNDS

The agreement provides an additional appropriation of \$285,681,000 for the Defense Working Capital Funds accounts. The amount provided for each account is as follows:

#### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Recommended
WORKING CAPITAL FUND, ARMY	1,681
WORKING CAPITAL FUND, DEFENSE-WIDE	284,000
<b>TOTAL, DEFENSE WORKING CAPITAL FUNDS</b>	<b>285,681</b>

## OTHER DEPARTMENT OF DEFENSE PROGRAMS

### CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

The agreement provides an additional appropriation of \$127,000,000 for Chemical Agents and Munitions Destruction, Defense, as follows:

#### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Recommended
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	127,000
TOTAL, CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE	127,000

## GENERAL PROVISIONS

The agreement includes a provision which provides that funds provided in this title are in addition to amounts made available elsewhere in this Act. Funds made available in this title are subject to the terms and conditions set forth in titles VIII and IX of such Act except as explicitly provided for otherwise.

The agreement includes a provision which provides special transfer authority within this title.

The agreement includes a provision which provides that funds made available in this title for intelligence or intelligence-related activities are available for expenditure.

The agreement includes a provision which makes available additional funds for reimbursement of expenses related to the National Defense Reserve Fleet.

2) The agreement includes language which makes the obligation or expenditure of \$2,476,000,000 provided in this title subject to the submission of a report on the United States strategy for the defeat of the Islamic State of Iraq and al Sham.

The agreement includes language which requires the submission of a report describing a strategy for Syria not later than 90 days after the enactment of this Act.

DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
-----					
TITLE I					
MILITARY PERSONNEL					
Military Personnel, Army.....	41,045,562	40,028,182	40,042,962	-1,002,600	+14,780
Military Personnel, Navy.....	27,835,183	27,951,605	27,889,405	+54,222	-62,200
Military Personnel, Marine Corps.....	12,859,152	12,813,412	12,735,182	-123,970	-78,230
Military Personnel, Air Force.....	27,679,066	27,944,615	27,958,795	+279,729	+14,180
Reserve Personnel, Army.....	4,463,164	4,561,703	4,524,863	+61,699	-36,840
Reserve Personnel, Navy.....	1,866,891	1,924,155	1,921,045	+54,154	-3,110
Reserve Personnel, Marine Corps.....	702,481	744,995	744,795	+42,314	-200
Reserve Personnel, Air Force.....	1,682,942	1,742,906	1,725,526	+42,584	-17,380
National Guard Personnel, Army.....	7,892,327	7,910,694	7,899,423	+7,096	-11,271
National Guard Personnel, Air Force.....	3,201,890	3,280,065	3,283,982	+82,092	+3,917
	-----	-----	-----	-----	-----
Total, Title I, Military Personnel.....	129,228,658	128,902,332	128,725,978	-502,680	-176,354
	=====	=====	=====	=====	=====
TITLE II					
OPERATION AND MAINTENANCE					
Operation and Maintenance, Army.....	32,399,440	33,809,040	32,738,173	+338,733	-1,070,867
Operation and Maintenance, Navy.....	39,600,172	39,483,581	38,552,017	-1,048,155	-931,564

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
Operation and Maintenance, Marine Corps.....	5,718,074	5,954,258	5,676,152	-41,922	-278,106
Operation and Maintenance, Air Force.....	35,727,457	37,518,056	36,247,724	+520,267	-1,270,332
Operation and Maintenance, Defense-Wide .....	32,105,040	32,571,590	32,373,949	+288,909	-197,641
Operation and Maintenance, Army Reserve.....	2,646,911	2,712,331	2,743,688	+96,777	+31,357
Operation and Maintenance, Navy Reserve.....	998,481	927,656	929,656	-68,825	+2,000
Operation and Maintenance, Marine Corps Reserve.....	274,526	270,633	271,133	-3,393	+500
Operation and Maintenance, Air Force Reserve.....	2,980,768	3,067,929	3,069,229	+88,461	+1,300
Operation and Maintenance, Army National Guard.....	6,595,483	6,825,370	6,861,478	+265,995	+36,108
Operation and Maintenance, Air National Guard.....	6,820,569	6,703,578	6,615,095	-205,474	-88,483
United States Court of Appeals for the Armed Forces...	14,078	14,194	14,194	+116	---
Environmental Restoration, Army.....	234,829	170,167	170,167	-64,662	---
Environmental Restoration, Navy.....	300,000	281,762	289,262	-10,738	+7,500
Environmental Restoration, Air Force.....	368,131	371,521	371,521	+3,390	---
Environmental Restoration, Defense-Wide.....	8,232	9,009	9,009	+777	---
Environmental Restoration, Formerly Used Defense Sites	231,217	197,084	222,084	-9,133	+25,000
Overseas Humanitarian, Disaster, and Civic Aid.....	103,266	105,125	123,125	+19,859	+18,000
Cooperative Threat Reduction Account.....	358,496	325,604	325,604	-32,892	---
<b>Total, Title II, Operation and maintenance.....</b>	<b>167,485,170</b>	<b>171,318,488</b>	<b>167,603,260</b>	<b>+118,090</b>	<b>-3,715,228</b>

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
TITLE III					
PROCUREMENT					
Aircraft Procurement, Army.....	5,866,367	3,614,787	4,587,598	-1,278,769	+972,811
Missile Procurement, Army.....	1,600,957	1,519,966	1,533,804	-67,153	+13,838
Procurement of Weapons and Tracked Combat Vehicles, Army.....	1,951,646	2,265,177	2,229,455	+277,809	-35,722
Procurement of Ammunition, Army.....	1,245,426	1,513,157	1,483,566	+238,140	-29,591
Other Procurement, Army.....	5,718,811	5,873,949	6,147,328	+428,517	+273,379
Aircraft Procurement, Navy.....	17,521,209	14,109,148	16,135,335	-1,385,874	+2,026,187
Weapons Procurement, Navy.....	3,049,542	3,209,262	3,265,285	+215,743	+56,023
Procurement of Ammunition, Navy and Marine Corps.....	651,920	664,368	633,678	-18,242	-30,690
Shipbuilding and Conversion, Navy.....	18,704,539	18,354,874	21,156,886	+2,452,347	+2,802,012
Other Procurement, Navy.....	6,484,257	6,338,861	6,308,919	-175,338	-29,942
Procurement, Marine Corps.....	1,186,812	1,362,769	1,307,456	+120,644	-55,313
Aircraft Procurement, Air Force.....	15,756,853	13,922,917	14,253,623	-1,503,230	+330,706
Missile Procurement, Air Force.....	2,912,131	2,426,621	2,348,121	-564,010	-78,500
Space Procurement, Air Force.....	2,812,159	3,055,743	2,733,243	-78,916	-322,500
Procurement of Ammunition, Air Force.....	1,744,993	1,677,719	1,589,219	-155,774	-88,500
Other Procurement, Air Force.....	18,311,882	17,438,056	17,768,224	-543,658	+330,168
Procurement, Defense-Wide.....	5,245,443	4,524,918	4,881,022	-364,421	+356,104
Defense Production Act Purchases.....	76,680	44,065	64,065	-12,615	+20,000
Total, Title III, Procurement.....	110,841,627	101,916,357	108,426,827	-2,414,800	+6,510,470



DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
-----					
TITLE IV					
RESEARCH, DEVELOPMENT, TEST AND EVALUATION					
Research, Development, Test and Evaluation, Army.....	7,565,327	7,515,399	8,332,965	+767,638	+817,566
Research, Development, Test and Evaluation, Navy.....	18,117,677	17,276,301	17,214,530	-903,147	-61,771
Research, Development, Test and Evaluation, Air Force.	25,217,148	28,112,251	27,788,548	+2,571,400	-323,703
Research, Development, Test and Evaluation, Defense-Wide .....	18,695,955	18,308,826	18,778,550	+82,595	+469,724
Operational Test and Evaluation, Defense.....	188,558	178,994	186,994	-1,564	+8,000
-----					
Total, Title IV, Research, Development, Test and Evaluation.....	69,784,665	71,391,771	72,301,587	+2,516,922	+909,816
=====					
TITLE V					
REVOLVING AND MANAGEMENT FUNDS					
Defense Working Capital Funds.....	1,738,768	1,371,613	1,511,613	-227,155	+140,000
National Defense Sealift Fund.....	474,164	---	---	-474,164	---
-----					
Total, Title V, Revolving and Management Funds..	2,212,932	1,371,613	1,511,613	-701,319	+140,000
=====					

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
-----					
TITLE VI					
OTHER DEPARTMENT OF DEFENSE PROGRAMS					
Defense Health Program					
Operation and maintenance.....	29,842,167	32,231,390	31,277,002	+1,434,835	-954,388
Procurement.....	365,390	413,219	402,161	+36,771	-11,058
Research, development, test and evaluation.....	2,121,933	822,907	2,102,107	-19,826	+1,279,200
Total, Defense Health Program 1/ 3/.....	32,329,490	33,467,516	33,781,270	+1,451,780	+313,754
-----					
Chemical Agents and Munitions Destruction, Defense:					
Operation and maintenance.....	118,198	147,282	119,985	+1,787	-27,297
Procurement.....	2,281	15,132	15,132	+12,851	---
Research, development, test and evaluation.....	579,342	388,609	388,609	-190,733	---
Total, Chemical Agents 2/.....	699,821	551,023	523,726	-176,095	-27,297
-----					
Drug Interdiction and Counter-Drug Activities,					
Defense1/.....	1,050,598	844,800	998,800	-51,798	+154,000
Joint Urgent Operational Needs Fund.....	---	99,300	---	---	-99,300
Office of the Inspector General 1/.....	312,559	322,035	312,035	-524	-10,000
Total, Title VI, Other Department of Defense Programs.....	34,392,468	35,284,674	35,615,831	+1,223,363	+331,157
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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
-----					
TITLE VII					
RELATED AGENCIES					
Central Intelligence Agency Retirement and Disability System Fund.....	514,000	514,000	514,000	---	---
Intelligence Community Management Account (ICMA).....	505,206	533,596	515,596	+10,390	-18,000
Total, Title VII, Related agencies.....	1,019,206	1,047,596	1,029,596	+10,390	-18,000
	=====	=====	=====	=====	=====
TITLE VIII					
GENERAL PROVISIONS					
Additional transfer authority (Sec.8005).....	(4,500,000)	(5,000,000)	(4,500,000)	---	(-500,000)
FFRDC (Sec.8025).....	-65,000	---	-60,000	+5,000	-60,000
Overseas Military Facility Investment Recovery (Sec.8030).....	1,000	---	---	-1,000	---
Rescissions (Sec.8043).....	-1,768,937	---	-2,002,622	-233,685	-2,002,622
National grants (Sec.8051).....	44,000	---	44,000	---	+44,000
O&M, Defense-wide transfer authority (Sec.8055).....	(30,000)	(30,000)	(30,000)	---	---

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
 (Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
John C. Stennis Center for Public Service Development					
Trust Fund (O&M, Navy transfer authority) (Sec.8063)	(1,000)	---	(1,000)	---	(+1,000)
Fisher House Foundation (Sec.8071)	5,000	---	5,000	---	+5,000
Revised economic assumptions (Sec.8078)	-1,500,789	---	-157,000	+1,343,789	-157,000
Defense acquisition workforce development excess cash balances (Sec.8087)	---	---	-531,000	-531,000	-531,000
Fisher House O&M Army Navy Air Force transfer authority (Sec.8093)	(11,000)	(11,000)	(11,000)	---	---
Defense Health O&M transfer authority (Sec.8097)	(121,000)	(122,375)	(122,375)	(+1,375)	---
Basic allowance for housing	300,000	---	---	-300,000	---
Working Capital Fund, Army excess cash balances (Sec.8118)	-389,000	---	-336,000	+53,000	-336,000
Working Capital Fund, Defense-wide excess cash balances (rescission)	-1,037,000	---	---	+1,037,000	---
Revised fuel costs (Sec.8119)	-2,576,000	---	-1,155,000	+1,421,000	-1,155,000
Ship Modernization, Operation, and Sustainment Fund (rescission) (Sec.8130)	---	---	-1,391,070	-1,391,070	-1,391,070
<b>Total, Title VIII, General Provisions</b>	<b>-6,986,726</b>	<b>---</b>	<b>-5,583,692</b>	<b>+1,403,034</b>	<b>-5,583,692</b>

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
-----					
TITLE IX					
OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON TERRORISM (GWOT)					
Military Personnel					
Military Personnel, Army (GWOT)					
OCO/GWOT Requirements (GWOT).....	1,846,356	2,051,578	1,948,648	+102,292	-102,930
Military Personnel, Navy (GWOT)					
OCO/GWOT Requirements (GWOT).....	251,011	330,557	327,427	+76,416	-3,130
Military Personnel, Marine Corps (GWOT)					
OCO/GWOT Requirements (GWOT).....	171,079	179,733	179,733	+8,654	---
Military Personnel, Air Force (GWOT)					
OCO/GWOT Requirements (GWOT).....	726,126	719,896	705,706	-20,420	-14,190
Reserve Personnel, Army (GWOT)					
OCO/GWOT Requirements (GWOT).....	24,462	42,506	42,506	+18,044	---
Reserve Personnel, Navy (GWOT)					
OCO/GWOT Requirements (GWOT).....	12,693	11,929	11,929	-764	---
Reserve Personnel, Marine Corps (GWOT)					
OCO/GWOT Requirements (GWOT).....	3,393	3,764	3,764	+371	---
Reserve Personnel, Air Force (GWOT)					
OCO/GWOT Requirements (GWOT).....	18,710	20,535	20,535	+1,825	---
National Guard Personnel, Army (GWOT)					
OCO/GWOT Requirements (GWOT).....	166,015	196,472	196,472	+30,457	---
National Guard Personnel, Air Force (GWOT)					
OCO/GWOT Requirements (GWOT).....	2,828	5,288	5,288	+2,460	---
Grand Total, Military Personnel (OCO/GWOT)....	3,222,673	3,562,258	3,442,008	+219,335	-120,250
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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
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Operation and Maintenance					
Operation & Maintenance, Army (GWOT)					
OCO/GWOT Requirements (GWOT).....	14,994,833	15,310,587	15,693,068	+698,235	+382,481
Operation & Maintenance, Navy (GWOT)					
OCO/GWOT Requirements (GWOT).....	7,169,611	6,827,391	7,887,349	+717,738	+1,059,958
(Coast Guard) (by transfer) (GWOT).....	---	(162,692)	---	---	(-162,692)
Operation & Maintenance, Marine Corps (GWOT)					
OCO/GWOT Requirements (GWOT).....	1,372,534	1,244,359	1,607,259	+234,725	+362,900
Operation & Maintenance, Air Force (GWOT)					
OCO/GWOT Requirements (GWOT).....	11,128,813	9,498,830	10,556,598	-572,215	+1,057,768
Operation & Maintenance, Defense-Wide (GWOT)					
OCO/GWOT Requirements (GWOT).....	5,665,633	5,982,173	6,476,649	+811,016	+494,476
(Coalition support funds) (GWOT).....	(1,160,000)	(1,100,000)	(920,000)	(-240,000)	(-180,000)
Operation & Maintenance, Army Reserve (GWOT)					
OCO/GWOT Requirements (GWOT).....	99,559	38,679	38,679	-60,880	---
Operation & Maintenance, Navy Reserve (GWOT)					
OCO/GWOT Requirements (GWOT).....	31,643	26,265	26,265	-5,378	---
Operation & Maintenance, Marine Corps Reserve (GWOT)					
OCO/GWOT Requirements (GWOT).....	3,455	3,304	3,304	-151	---
Operation & Maintenance, Air Force Reserve (GWOT)					
OCO/GWOT Requirements (GWOT).....	58,106	57,586	57,586	-520	---
Operation & Maintenance, Army National Guard (GWOT)					
OCO/GWOT Requirements (GWOT).....	135,845	127,035	127,035	-8,810	---
Operation & Maintenance, Air National Guard (GWOT)					
OCO/GWOT Requirements (GWOT).....	19,900	20,000	20,000	+100	---
Subtotal, Operation and Maintenance.....	40,679,932	39,136,209	42,493,792	+1,813,860	+3,357,583

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
Counterterrorism Partnerships Fund (GWOT).....	1,100,000	1,000,000	---	-1,100,000	-1,000,000
Afghanistan Security Forces Fund (GWOT).....	3,652,257	3,448,715	4,262,715	+610,458	+814,000
Iraq Train and Equip Fund (GWOT).....	715,000	630,000	---	-715,000	-630,000
Counter-ISIL Train and Equip Fund (GWOT).....	---	---	980,000	+980,000	+980,000
Syria Train and Equip Fund (GWOT).....	---	250,000	---	---	-250,000
<b>Grand Total, Operation and Maintenance (OCO/GWOT).....</b>	<b>46,147,189</b>	<b>44,464,924</b>	<b>47,736,507</b>	<b>+1,589,318</b>	<b>+3,271,583</b>
Procurement					
Aircraft Procurement, Army (GWOT) OCO/GWOT Requirements (GWOT).....	161,987	313,171	313,171	+151,184	---
Missile Procurement, Army (GWOT) OCO/GWOT Requirements (GWOT).....	37,260	632,817	405,317	+368,057	-227,500
Procurement of Weapons and Tracked Combat Vehicles, Army (GWOT) OCO/GWOT Requirements (GWOT).....	486,630	153,544	395,944	-90,686	+242,400
Procurement of Ammunition, Army (GWOT) OCO/GWOT Requirements (GWOT).....	222,040	301,523	290,670	+68,630	-10,853
Other Procurement, Army (GWOT) OCO/GWOT Requirements (GWOT).....	1,175,596	1,373,010	1,343,010	+167,414	-30,000
Aircraft Procurement, Navy (GWOT) OCO/GWOT Requirements (GWOT).....	210,990	393,030	367,930	+156,940	-25,100

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
Weapons Procurement, Navy (GWOT)					
OCO/GWOT Requirements (GWOT)	---	8,600	8,600	+8,600	---
Procurement of Ammunition, Navy and Marine Corps (GWOT)					
OCO/GWOT Requirements (GWOT)	117,966	66,229	65,380	-52,586	-849
Shipbuilding and Conversion, Navy (GWOT)					
Other Procurement, Navy (GWOT)					
OCO/GWOT Requirements (GWOT)	12,186	124,206	99,786	+87,600	-24,420
Procurement, Marine Corps (GWOT)					
OCO/GWOT Requirements (GWOT)	56,934	118,939	118,939	+62,005	---
Aircraft Procurement, Air Force (GWOT)					
OCO/GWOT Requirements (GWOT)	128,900	859,399	927,249	+798,349	+67,850
Missile Procurement, Air Force (GWOT)					
OCO/GWOT Requirements (GWOT)	289,142	339,545	235,095	-54,047	-104,450
Procurement of Ammunition, Air Force (GWOT)					
OCO/GWOT Requirements (GWOT)	228,874	487,408	273,345	+44,471	-214,063
Other Procurement, Air Force (GWOT)					
OCO/GWOT Requirements (GWOT)	3,477,001	3,696,281	3,529,456	+52,455	-166,825
Procurement, Defense-Wide (GWOT)					
OCO/GWOT Requirements (GWOT)	173,918	238,434	244,184	+70,266	+5,750
National Guard and Reserve Equipment (GWOT)	1,000,000	---	750,000	-250,000	+750,000
Grand Total, Procurement (OCO/GWOT)	7,779,424	9,106,136	9,368,076	+1,588,652	+261,940

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
<b>Research, Development, Test and Evaluation</b>					
Research, Development, Test & Evaluation, Army (GWOT) OCO/GWOT Requirements (GWOT).....	1,500	100,522	100,522	+99,022	---
Research, Development, Test & Evaluation, Navy (GWOT) OCO/GWOT Requirements (GWOT).....	35,747	78,323	78,323	+42,576	---
Research, Development, Test & Evaluation, Air Force (GWOT) OCO/GWOT Requirements (GWOT).....	17,100	32,905	67,905	+50,805	+35,000
Research, Development, Test and Evaluation, Defense-Wide (GWOT) OCO/GWOT Requirements (GWOT).....	177,087	162,419	159,919	-17,168	-2,500
<b>Grand Total, Research, Development, Test and Evaluation (OCO/GWOT).....</b>	<b>231,434</b>	<b>374,169</b>	<b>406,669</b>	<b>+175,235</b>	<b>+32,500</b>
<b>Revolving and Management Funds</b>					
Defense Working Capital Funds (GWOT).....	88,850	140,633	140,633	+51,783	---

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
-----					
Other Department of Defense Programs					
Defense Health Program:					
Operation and maintenance (GWOT)					
OCO/GWOT Requirements (GWOT)	272,704	331,764	331,764	+59,060	---
Drug Interdiction and Counter-Drug Activities, Defense (GWOT)	186,000	215,333	215,333	+29,333	---
Joint Improvised-Threat Defeat Fund (GWOT)	349,464	408,272	339,472	-9,992	-68,800
Office of the Inspector General (GWOT)	10,262	22,062	22,062	+11,800	---
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Grand Total, Other Department of Defense Programs (OCO/GWOT)	818,430	977,431	908,631	+90,201	-68,800
=====					
TITLE IX General Provisions					
Additional transfer authority (GWOT) (Sec.9002)	(4,500,000)	(4,500,000)	(2,500,000)	(-2,000,000)	(-2,000,000)
Ukraine Security Assistance Initiative (GWOT) (Sec. 9014)	250,000	---	150,000	-100,000	+150,000
Intelligence, Surveillance, and Reconnaissance (GWOT) (Sec.9018)	500,000	---	500,000	---	+500,000
Rescissions (GWOT) (Sec.9021)	-400,000	---	-819,000	-419,000	-819,000
Coalition support funds (rescission) (GWOT) (Sec.9022)	---	---	-11,524	-11,524	-11,524
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Total, General Provisions	350,000	---	-180,524	-530,524	-180,524
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Grand Total, Title IX (OCO/GWOT)	58,638,000	58,625,551	61,822,000	+3,184,000	+3,196,449
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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
-----					
RECAPITULATION					
Title I - Military Personnel.....	129,228,658	128,902,332	128,725,978	-502,680	-176,354
Title II - Operation and Maintenance.....	167,485,170	171,318,488	167,603,260	+118,090	-3,715,228
Title III - Procurement.....	110,841,627	101,916,357	108,426,827	-2,414,800	+6,510,470
Title IV - Research, Development, Test and Evaluation.....	69,784,665	71,391,771	72,301,587	+2,516,922	+909,816
Title V - Revolving and Management Funds.....	2,212,932	1,371,613	1,511,613	-701,319	+140,000
Title VI - Other Department of Defense Programs.....	34,392,468	35,284,674	35,615,831	+1,223,363	+331,157
Title VII - Related Agencies.....	1,019,206	1,047,596	1,029,596	+10,390	-18,000
Title VIII - General Provisions (net).....	-6,986,726	---	-5,583,692	+1,403,034	-5,583,692
Title IX - Global War on Terrorism (GWOT).....	58,638,000	58,625,551	61,822,000	+3,184,000	+3,196,449
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Total, Department of Defense.....	566,616,000	569,858,382	571,453,000	+4,837,000	+1,594,618

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Final Bill	Final Bill vs. FY 2016	Final Bill vs. Request
Grand Total, Bill 4/.....	566,616,000	569,858,382	571,453,000	+4,837,000	+1,594,618
Appropriations.....	(510,783,937)	(511,232,831)	(513,024,692)	(+2,240,755)	(+1,791,861)
Global War on Terrorism (GWOT).....	(59,038,000)	(58,625,551)	(62,652,524)	(+3,614,524)	(+4,026,973)
Rescissions.....	(-2,805,937)	---	(-3,393,692)	(-587,755)	(-3,393,692)
Rescissions (GWOT).....	(-400,000)	---	(-830,524)	(-430,524)	(-830,524)

- 1/ Included in Budget under Operation and Maintenance
- 2/ Included in Budget under Procurement
- 3/ Budget request assumes enactment of DoD's pharmacy/Consolidated Health Plan proposals
- 4/ Grand Total excludes Title X, Additional Appropriations

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