

DIVISION A, DEPARTMENT OF DEFENSE APPROPRIATIONS ACT

FISCAL YEAR 2010

Following is an explanation of the effects of Division A, which makes appropriations for the Department of Defense for fiscal year 2010. As provided in Section 8124 of the consolidated bill, this explanatory statement shall have the same effect with respect to the allocation of funds and the implementation of this as if it were a joint explanatory statement of a committee of the conference.

The recommendation on the Department of Defense Appropriations Act, 2010, incorporates some of the provisions of both the House and Senate versions of the bill. The language and allocations set forth in House Report 111-230 and Senate Report 111-74 should be complied with unless specifically addressed to the contrary in the accompanying bill and explanatory statement.

The Senate amendment deleted the entire House bill after the enacting clause and inserted new language. The recommendation includes revised language.

## 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 term 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, 2010, 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: for 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 for fiscal year 2011, the Secretary of Defense is directed to transmit to the congressional defense committees budget justification documents to be known as the “M-1” and “O-1” which shall identify, at the budget activity, activity group, and subactivity 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 2011.

#### CLASSIFIED ANNEX

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

#### CONGRESSIONAL 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” are congressional special interest items for purposes 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 these materials.

#### REPROGRAMMING GUIDANCE

The Department of Defense is directed to follow the reprogramming guidance for acquisition accounts as contained herein under titles III and IV. For operation and maintenance accounts, the Department shall follow the

reprogramming guidelines contained herein under title II. The dollar threshold for reprogramming funds shall remain at \$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 quarterly, spreadsheet-based DD Form 1416 reports for service and defense-wide accounts in titles I, II, III and IV of this Act. 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. The percentage change limitation applies to both the program increases and decreases. Additionally, this percentage change applies to the program base value at the time the below threshold movement of funds is executed. These thresholds are cumulative from the base for reprogramming as made by any adjustment action. Therefore, if the combined value of transfers into or out of operation and maintenance (O-1), a procurement (P-1) or research, development, test and evaluation (R-1) line exceed the identified threshold, the Department 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 these materials.

#### FUNDING INCREASES

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

#### JOINT SURVEILLANCE-TARGET ATTACK RADAR SYSTEM (JSTARS)

#### PROGRAM

The Department of Defense decision to proceed with the JSTARS re-engining program is supported in the recommendation. It is noted that the JSTARS program has been used as a source of funds for reprogrammings in the past. The Air Force is encouraged to restore those prior year funds if additional resources are needed. The recommendation provides, \$115,900,000, an increase of \$46,000,000, in the Research, Development, Test and Evaluation funding and provides \$54,000,000 in the Aircraft Procurement, Air Force appropriation.

The recommendation does not include language that restricts the obligation of funds for the JSTARS re-engining program, as provided in the Senate report.

In addition, the Air Force is not directed to transfer a SYERS-3 sensor to complete the SYERS Demonstration Program. The Air Force should have the sensor for an adequate time, and the necessary financial resources have already been appropriated to ensure completion of the demonstration program. The Secretary of the Air Force is directed to submit a written notification to the congressional defense committees on the status of the demonstration program not later than 60 days after the enactment of this Act.

#### COMBAT AIR FORCE RESTRUCTURE

The lack of detail and analysis provided to the Congress regarding the Air Force's Combat Air Force restructure plan that would retire 248 legacy F-15, F-16 and A-10 aircraft is concerning. Therefore, it is directed that the reports stipulated in Sec. 1075 of the Conference Report accompanying the National Defense Authorization Act of Fiscal Year 2010 also be transmitted to the Committees on Appropriations of the House and Senate.

Additionally, there is concern with the personnel costs and potential acquisition costs associated with the Air Force proposal to remove the training of F-15 pilots and related personnel from Tyndall Air Force Base. The Secretary of the Air Force is directed to provide a cost-benefit analysis of this proposal regarding Tyndall Air Force Base and Kingsley Field in Klamath Falls which shall include an analysis of factors impacting F-15 training quantity and quality at each location, to include training synergies, airspace access and availability. The report shall identify and explain the justification for where F-15 Basic Crew Chief Training, Air Control Squadron Training and Intelligence Formal Training will be established and maintained. The report shall include analysis on simulator and ancillary training access, expected effect on the quality and experience of the instructor base, future military construction requirements and special considerations and costs required due to the differing training environments and climatology at each base.

Moreover, the Department is requested to identify airfields that share runways for both Air Force and commercial operations within the continental United States. The Department is requested to include Air Force policy on and analysis of the training and operational mission impacts at bases with shared runways.

Additionally, the Secretary of the Air Force is directed to conduct an independent review by a Federally Funded Research and Development Center (FFRDC) on the impact of the restructure on the Nation's combat air forces. The Secretary of the Air Force is directed to provide the three described reports on April 1, 2010. The Secretary of the Air Force is further directed that no funds may be obligated on executing the Combat Air Force restructure until submission to the congressional defense committees of all directed reports.

#### CONTRACTING FRAUD

The numerous reports and allegations of defense contractors defrauding the government is concerning. Therefore, the Secretary of Defense is encouraged to strengthen policies and safeguards against such abuse. The Secretary of Defense is directed, in coordination with the Department of Defense Inspector General, to report to the congressional defense committees on contracting fraud. The report shall include an assessment of the total value of Department of Defense contracts entered into with contractors that have been indicted for, settled charges of, been fined by any Federal department or agency for, or been convicted of fraud in connection with any contract or other transaction entered into with the

Federal Government over the past ten years. The report shall also include recommendations on how to penalize contractors who are repeatedly involved in contract fraud allegations. Finally, the report shall describe the actions taken to strengthen Department policies and safeguards against contractor fraud. The report should be submitted not later than March 15, 2010.

#### 2001 NUCLEAR POSTURE REVIEW

Section 1041(c) of P.L. 106-398, the National Defense Authorization Act for Fiscal Year 2001, required the Secretary of Defense to submit to Congress, in unclassified and classified forms as necessary, a report on the results of the 2001 Nuclear Posture Review. The Secretary of Defense is encouraged to provide the unclassified report of the 2001 Nuclear Posture Review to the congressional defense committees as soon after submission of the 2009 Nuclear Posture Review as is possible.

#### SENIOR MENTORS PROGRAM

There is deep concern over the Department of Defense's Senior Mentors Program. The Department spends millions of dollars each year to place retired general officers on contract to act as advisors and mentors. It is

of concern that the Department uses large defense industry firms as the prime contractor to serve as third party "go betweens." There is also concern that the contracts and task orders appear to be written almost as personal services contracts. Therefore, the Department of Defense Inspector General is directed to review the Senior Mentors Program and report to the congressional defense committees no later than March 31, 2010.

#### INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE

Senate Report 111-20 directed the Secretary of Defense to submit a report to the congressional defense committees on the strategy to transition the responsibilities of the Intelligence, Surveillance and Reconnaissance (ISR) Task Force. Although the report was supposed to have been submitted no later than October 1, 2009, the Department has only recently begun to address this reporting requirement.

The recommendation reiterates the concerns leading to the reporting requirement, and the Secretary of Defense is directed to submit the report within 30 days of enactment of this Act.

Furthermore, over the past two years, Congress has approved significant increases in ISR collection, processing, and dissemination in support of overseas contingency operations. The Secretary of Defense is

directed to provide a classified report to the congressional defense committees within 90 days of enactment of this Act that describes the deployment of additional ISR capabilities, particularly tactical signals intelligence and full motion video, to support combat operations in Afghanistan. The report should address the adequacy of these capabilities to support troop commitments to Afghanistan as well as the plans to correct any shortfalls.

## TITLE I - MILITARY PERSONNEL

For Military Personnel, funds are to be available for fiscal year 2010,

as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
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RECAPITULATION				
MILITARY PERSONNEL, ARMY.....	41,312,448	39,901,547	41,267,448	41,005,612
MILITARY PERSONNEL, NAVY.....	25,504,472	25,095,581	25,440,472	25,289,049
MILITARY PERSONNEL, MARINE CORPS.....	12,915,790	12,528,845	12,883,790	12,799,990
MILITARY PERSONNEL, AIR FORCE.....	26,439,761	25,938,850	26,378,761	26,174,136
RESERVE PERSONNEL, ARMY.....	4,336,656	4,308,513	4,286,656	4,304,713
RESERVE PERSONNEL, NAVY.....	1,938,166	1,918,111	1,905,166	1,909,301
RESERVE PERSONNEL, MARINE CORPS.....	617,500	610,580	611,500	613,500
RESERVE PERSONNEL, AIR FORCE.....	1,607,712	1,600,462	1,584,712	1,589,412
NATIONAL GUARD PERSONNEL, ARMY.....	7,621,488	7,525,628	7,535,088	7,546,905
NATIONAL GUARD PERSONNEL, AIR FORCE.....	2,970,949	2,949,899	2,923,599	2,938,229
GRAND TOTAL, MILITARY PERSONNEL.....	<u>125,264,942</u>	<u>122,378,016</u>	<u>124,817,192</u>	<u>124,170,847</u>
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## Summary of Military Personnel End Strength

	Fiscal Year 2010		
	Budget	Recommendation	Change
	Request		from Request
<b>Active Forces (End Strength)</b>			
Army.....	562,400	562,400	-
Navy.....	328,800	328,800	-
Marine Corps.....	202,100	202,100	-
Air Force.....	331,700	331,700	-
Total, Active Forces.....	1,425,000	1,425,000	-
<b>Guard and Reserve Forces (End Strength)</b>			
Army Reserve.....	205,000	205,000	-
Navy Reserve.....	65,500	65,500	-
Marine Corps Reserve.....	39,600	39,600	-
Air Force Reserve.....	69,500	69,500	-
Army National Guard.....	358,200	358,200	-
Air National Guard.....	106,700	106,700	-
Total, Selected Reserve.....	844,500	844,500	0
<b>Total, Military Personnel.....</b>	<b>2,269,500</b>	<b>2,269,500</b>	<b>0</b>

## Summary of Guard and Reserve Full-Time Support

	Fiscal Year 2010		
	Budget	Recommendation	Change
	Request		from Request
<b>Army Reserve:</b>			
Active Guard and Reserve	16,261	16,261	-
Technicians	8,154	8,395	+241
<b>Navy Reserve:</b>			
Active Reserve	10,818	10,818	-
<b>Marine Corps Reserve:</b>			
Active Reserve	2,261	2,261	-
<b>Air Force Reserve:</b>			
Active Guard and Reserve	2,896	2,896	-
Technicians	10,417	10,417	-
<b>Army National Guard:</b>			
Active Guard and Reserve	32,060	32,060	-
Technicians	26,901	27,210	+309
<b>Air National Guard:</b>			
Active Guard and Reserve	14,555	14,555	-
Technicians	22,313	22,313	-
<b>Totals:</b>			
Active Guard and Reserve/Active Reserve	78,851	78,851	-
Technicians	67,785	68,335	-
<b>Total Full-Time Support</b>	<b>146,636</b>	<b>147,186</b>	<b>+550</b>

## CASH INCENTIVES

The recommendation supports the services' use of cash incentives to meet the extraordinary recruiting and retention challenges they have faced since September 11, 2001. The services are commended for their successful efforts to grow and maintain the finest fighting force in the world under very difficult circumstances. Because the services are generally meeting or exceeding their recruitment and retention goals, it is the belief that now is an opportune time to examine whether the use and size of these cash incentives can be reduced to maximize their manning utility while lowering costs. Therefore, the Secretary of Defense is directed to provide a report to the Committee on Appropriations of both the House of Representatives and the Senate that describes these cash incentives, to include the number of cash incentives used for recruiting and retention, the average amount provided for each Military Occupational Specialty (MOS), and the length of contract when these incentive options are accepted by recruits and those reenlisting. This report shall also include a quantitative analysis of the optimal size of these incentives and an actuarially-based estimate of the impact on recruiting and retention of a 10 percent and a 20 percent reduction of the amounts provided per incentive. This report shall be submitted no later than 120 days after the enactment of this Act.

# MILITARY PERSONNEL, ARMY

For Military Personnel, Army, funds are to be available for fiscal year

2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>50 MILITARY PERSONNEL, ARMY</b>				
<b>100 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS</b>				
150 BASIC PAY.....	6,117,038	6,117,038	6,117,038	6,117,038
200 RETIRED PAY ACCRUAL.....	1,975,804	1,975,804	1,975,804	1,975,804
250 BASIC ALLOWANCE FOR HOUSING.....	1,758,671	1,758,671	1,758,671	1,758,671
300 BASIC ALLOWANCE FOR SUBSISTENCE.....	257,783	257,783	257,783	257,783
350 INCENTIVE PAYS.....	94,613	94,613	94,613	94,613
400 SPECIAL PAYS.....	334,621	310,849	334,621	334,621
450 ALLOWANCES.....	187,541	187,541	187,541	187,541
500 SEPARATION PAY.....	55,893	55,893	55,893	55,893
550 SOCIAL SECURITY TAX.....	466,202	466,202	466,202	466,202
<b>600 TOTAL, BUDGET ACTIVITY 1.....</b>	<b>11,248,166</b>	<b>11,224,394</b>	<b>11,248,166</b>	<b>11,248,166</b>
<b>650 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>				
700 BASIC PAY.....	13,502,642	13,502,642	13,502,642	13,502,642
750 RETIRED PAY ACCRUAL.....	4,361,354	4,361,354	4,361,354	4,361,354
800 BASIC ALLOWANCE FOR HOUSING.....	4,468,975	4,468,975	4,468,975	4,468,975
850 INCENTIVE PAYS.....	107,268	107,268	107,268	107,268
900 SPECIAL PAYS.....	1,235,924	1,087,310	1,235,924	1,220,924
950 ALLOWANCES.....	843,556	843,556	843,556	843,556
1000 SEPARATION PAY.....	236,462	236,462	236,462	236,462
1050 SOCIAL SECURITY TAX.....	1,032,953	1,032,953	1,032,953	1,032,953
<b>1100 TOTAL, BUDGET ACTIVITY 2.....</b>	<b>25,789,134</b>	<b>25,640,520</b>	<b>25,789,134</b>	<b>25,774,134</b>
<b>1150 ACTIVITY 3: PAY AND ALLOW OF CADETS</b>				
1200 ACADEMY CADETS.....	73,317	73,317	73,317	73,317
<b>1250 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL</b>				
1300 BASIC ALLOWANCE FOR SUBSISTENCE.....	1,355,930	1,355,930	1,355,930	1,355,930
1350 SUBSISTENCE-IN-KIND.....	948,208	948,208	948,208	948,208
1400 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	721	721	721	721
<b>1450 TOTAL, BUDGET ACTIVITY 4.....</b>	<b>2,304,859</b>	<b>2,304,859</b>	<b>2,304,859</b>	<b>2,304,859</b>

(In thousands of dollars)

	Budget	House	Senate	Recommendation
1500 ACTIVITY 5: PERMANENT CHANGE OF STATION				
1550 ACCESSION TRAVEL.....	227,127	227,127	227,127	227,127
1600 TRAINING TRAVEL.....	113,575	113,575	113,575	113,575
1650 OPERATIONAL TRAVEL .....	373,132	373,132	373,132	373,132
1700 ROTATIONAL TRAVEL .....	682,978	682,978	682,978	682,978
1750 SEPARATION TRAVEL.....	198,509	198,509	198,509	198,509
1800 TRAVEL OF ORGANIZED UNITS.....	12,702	12,702	12,702	12,702
1850 NON-TEMPORARY STORAGE.....	8,924	8,924	8,924	8,924
1900 TEMPORARY LODGING EXPENSE.....	37,314	37,314	37,314	37,314
1950 TOTAL, BUDGET ACTIVITY 5.....	1,654,261	1,654,261	1,654,261	1,654,261
2000 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS				
2050 APPREHENSION OF MILITARY DESERTERS.....	1,452	1,452	1,452	1,452
2100 INTEREST ON UNIFORMED SERVICES SAVINGS.....	648	648	648	648
2150 DEATH GRATUITIES.....	45,500	45,500	45,500	45,500
2200 UNEMPLOYMENT BENEFITS.....	180,493	180,493	180,493	180,493
2250 EDUCATION BENEFITS.....	45,288	45,288	45,288	45,288
2300 ADOPTION EXPENSES.....	264	264	264	264
2350 TRANSPORTATION SUBSIDY.....	6,684	6,684	6,684	6,684
2400 PARTIAL DISLOCATION ALLOWANCE.....	326	326	326	326
2450 RESERVE OFFICERS TRAINING CORPS (ROTC).....	143,586	143,586	143,586	143,586
2500 JUNIOR ROTC.....	63,721	63,721	63,721	63,721
2550 TOTAL, BUDGET ACTIVITY 6.....	487,962	487,962	487,962	487,962
2600 LESS REIMBURSABLES.....	-245,251	-245,251	-245,251	-245,251
2650 UNDISTRIBUTED ADJUSTMENT.....	---	-1,238,515	-45,000	-291,836
2700 TOTAL, ACTIVE FORCES, ARMY.....	41,312,448	39,901,547	41,267,448	41,005,612
6300 TOTAL, MILITARY PERSONNEL, ARMY.....	41,312,448	39,901,547	41,267,448	41,005,612

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

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	Budget Request	House	Senate	Recommendation
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>				
<b>SPECIAL PAYS</b>	<b>334,621</b>	<b>310,849</b>	<b>334,621</b>	<b>334,621</b>
Hostile Fire Pay - Transferred to Title IX		-4,790		
Hardship Duty Pay - Transferred to Title IX		-7,560		
Foreign Language Proficiency Pay - Transferred to Title IX		-11,422		
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>				
<b>SPECIAL PAYS</b>	<b>1,235,924</b>	<b>1,087,310</b>	<b>1,235,924</b>	<b>1,220,924</b>
Hostile Fire Pay - Transferred to Title IX		-16,374		
Hardship Duty Pay - Transferred to Title IX		-45,000		
Foreign Language Proficiency Pay - Transferred to Title IX		-25,237		
Enlistment Bonus		-18,203		-5,000
Reenlistment Bonus		-43,800		-10,000
<b>UNDISTRIBUTED ADJUSTMENT</b>		<b>-1,238,515</b>	<b>-45,000</b>	<b>-291,836</b>
Authorized Basic Pay Increase		151,485		137,164
Undistributed Transfer to Title IX		-1,390,000		-407,000
Lower than Budgeted Pay Grade Mix			-45,000	-22,000

# MILITARY PERSONNEL, NAVY

For Military Personnel, Navy, funds are to be available for fiscal year

2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>6400 MILITARY PERSONNEL, NAVY</b>				
<b>6450 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS</b>				
6500 BASIC PAY.....	3,528,733	3,528,733	3,528,733	3,528,733
6550 RETIRED PAY ACCRUAL.....	1,138,398	1,138,398	1,138,398	1,138,398
6600 BASIC ALLOWANCE FOR HOUSING.....	1,273,135	1,273,135	1,273,135	1,273,135
6650 BASIC ALLOWANCE FOR SUBSISTENCE.....	141,347	141,347	141,347	141,347
6700 INCENTIVE PAYS.....	164,069	164,069	164,069	164,069
6750 SPECIAL PAYS.....	388,642	384,755	388,642	388,642
6800 ALLOWANCES.....	112,740	112,740	112,740	112,740
6850 SEPARATION PAY .....	35,180	35,180	35,180	35,180
6900 SOCIAL SECURITY TAX.....	268,236	268,236	268,236	268,236
6950 TOTAL, BUDGET ACTIVITY 1.....	7,050,480	7,046,593	7,050,480	7,050,480
<b>7000 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>				
7050 BASIC PAY.....	8,111,240	8,111,240	8,111,240	8,111,240
7100 RETIRED PAY ACCRUAL.....	2,619,514	2,619,514	2,619,514	2,619,514
7150 BASIC ALLOWANCE FOR HOUSING.....	3,529,084	3,529,084	3,529,084	3,529,084
7200 INCENTIVE PAYS.....	102,596	102,596	102,596	102,596
7250 SPECIAL PAYS.....	927,245	897,284	897,245	897,245
7300 ALLOWANCES.....	600,091	600,091	596,091	596,091
7350 SEPARATION PAY.....	155,558	155,558	155,558	155,558
7400 SOCIAL SECURITY TAX.....	620,511	620,511	620,511	620,511
7450 TOTAL, BUDGET ACTIVITY 2.....	16,665,839	16,635,878	16,631,839	16,631,839
<b>7500 ACTIVITY 3: PAY AND ALLOWANCES OF MIDSHIPMEN</b>				
7550 MIDSHIPMEN.....	71,932	71,932	71,932	71,932
<b>7600 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL</b>				
7650 BASIC ALLOWANCE FOR SUBSISTENCE.....	700,780	700,780	700,780	700,780
7700 SUBSISTENCE-IN-KIND.....	382,605	382,605	382,605	382,605
7750 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	11	11	11	11
7800 TOTAL, BUDGET ACTIVITY 4.....	1,083,396	1,083,396	1,083,396	1,083,396

(In thousands of dollars)

	Budget	House	Senate	Recommendation
7850 ACTIVITY 5: PERMANENT CHANGE OF STATION				
7900 ACCESSION TRAVEL.....	76,962	76,962	71,962	71,962
7950 TRAINING TRAVEL.....	71,520	71,520	71,520	71,520
8000 OPERATIONAL TRAVEL .....	205,398	205,398	205,398	205,398
8050 ROTATIONAL TRAVEL .....	252,327	252,327	252,327	252,327
8100 SEPARATION TRAVEL.....	137,129	137,129	127,129	127,129
8150 TRAVEL OF ORGANIZED UNITS.....	28,136	28,136	28,136	28,136
8200 NON-TEMPORARY STORAGE.....	7,375	7,375	7,375	7,375
8250 TEMPORARY LODGING EXPENSE.....	7,328	7,328	7,328	7,328
8300 OTHER.....	8,579	8,579	8,579	8,579
8350 TOTAL, BUDGET ACTIVITY 5.....	794,754	794,754	779,754	779,754
8400 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS				
8450 APPREHENSION OF MILITARY DESERTERS.....	421	421	421	421
8500 INTEREST ON UNIFORMED SERVICES SAVINGS.....	1,550	1,550	1,550	1,550
8550 DEATH GRATUITIES.....	25,400	25,400	25,400	25,400
8600 UNEMPLOYMENT BENEFITS.....	107,320	107,320	107,320	107,320
8650 EDUCATION BENEFITS.....	24,538	24,538	24,538	24,538
8700 ADOPTION EXPENSES.....	372	372	372	372
8750 TRANSPORTATION SUBSIDY.....	12,710	12,710	12,710	12,710
8800 PARTIAL DISLOCATION ALLOWANCE.....	572	572	572	572
8900 RESERVE OFFICERS TRAINING CORPS (ROTC).....	22,907	22,907	22,907	22,907
8950 JUNIOR R.O.T.C.....	13,578	13,578	13,578	13,578
9000 TOTAL, BUDGET ACTIVITY 6.....	209,368	209,368	209,368	209,368
9050 LESS REIMBURSABLES.....	-371,297	-371,297	-371,297	-371,297
9100 UNDISTRIBUTED ADJUSTMENT.....	---	-375,043	-15,000	-166,423
9200 TOTAL, ACTIVE FORCES, NAVY.....	25,504,472	25,095,581	25,440,472	25,289,049
11000 TOTAL, MILITARY PERSONNEL, NAVY.....	25,504,472	25,095,581	25,440,472	25,289,049

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

	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>				
<b>SPECIAL PAYS</b>	<b>388,642</b>	<b>384,755</b>	<b>388,642</b>	<b>388,642</b>
Hardship Duty Pay - Transferred to Title IX		-899		
Imminent Danger Pay - Transferred to Title IX		-481		
Foreign Language Proficiency Pay - Transferred to Title IX		-2,507		
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>				
<b>SPECIAL PAYS</b>	<b>927,245</b>	<b>897,284</b>	<b>897,245</b>	<b>897,245</b>
Hardship Duty Pay - Transferred to Title IX		-8,330		
Imminent Danger Pay - Transferred to Title IX		-899		
Foreign Language Proficiency Pay - Transferred to Title IX		-15,000		
Enlistment Bonus		-3,290	-20,000	-20,000
Reenlistment Bonus		-2,442	-10,000	-10,000
<b>ALLOWANCES</b>	<b>600,091</b>	<b>600,091</b>	<b>596,091</b>	<b>596,091</b>
Navy College Fund			-4,000	-4,000
<b>BA-5: PERMANENT CHANGE OF STATION</b>				
<b>ACCESSION TRAVEL</b>	<b>76,962</b>	<b>76,962</b>	<b>71,962</b>	<b>71,962</b>
Excess to Requirement			-5,000	-5,000
<b>SEPARATION TRAVEL</b>	<b>137,129</b>	<b>137,129</b>	<b>127,129</b>	<b>127,129</b>
Excess to Requirement			-10,000	-10,000
<b>UNDISTRIBUTED ADJUSTMENT</b>		<b>-375,043</b>	<b>-15,000</b>	<b>-166,423</b>
Authorized Basic Pay Increase		64,077		64,077
Unexpended/Unobligated Balances		-20,120	-15,000	-17,500
Undistributed Transfer to Title IX		-419,000		-213,000

# MILITARY PERSONNEL, MARINE CORPS

For Military Personnel, Marine Corps, funds are to be available for  
fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>12000 MILITARY PERSONNEL, MARINE CORPS</b>				
<b>12050 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS</b>				
12100 BASIC PAY.....	1,372,496	1,372,496	1,372,496	1,372,496
12150 RETIRED PAY ACCRUAL.....	442,305	442,305	442,305	442,305
12200 BASIC ALLOWANCE FOR HOUSING.....	431,730	431,730	431,730	431,730
12250 BASIC ALLOWANCE FOR SUBSISTENCE.....	59,245	59,245	59,245	59,245
12300 INCENTIVE PAYS.....	46,302	46,302	46,302	46,302
12350 SPECIAL PAYS.....	31,743	16,657	31,743	29,508
12400 ALLOWANCES.....	33,982	33,982	33,982	33,982
12450 SEPARATION PAY.....	14,051	14,051	14,051	14,051
12500 SOCIAL SECURITY TAX.....	104,411	104,411	104,411	104,411
<b>12550 TOTAL, BUDGET ACTIVITY 1.....</b>	<b>2,536,265</b>	<b>2,521,179</b>	<b>2,536,265</b>	<b>2,534,030</b>
<b>12600 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>				
12650 BASIC PAY.....	4,817,896	4,817,896	4,817,896	4,817,896
12700 RETIRED PAY ACCRUAL.....	1,555,752	1,555,752	1,555,752	1,555,752
12750 BASIC ALLOWANCE FOR HOUSING.....	1,495,914	1,495,914	1,495,914	1,495,914
12800 INCENTIVE PAYS.....	8,850	8,850	8,850	8,850
12850 SPECIAL PAYS.....	501,220	472,291	501,220	494,188
12900 ALLOWANCES.....	264,250	264,250	264,250	264,250
12950 SEPARATION PAY.....	60,371	60,371	60,371	60,371
13000 SOCIAL SECURITY TAX.....	368,568	368,568	368,568	368,568
<b>13050 TOTAL, BUDGET ACTIVITY 2.....</b>	<b>9,072,821</b>	<b>9,043,892</b>	<b>9,072,821</b>	<b>9,065,789</b>
<b>13100 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL</b>				
13150 BASIC ALLOWANCE FOR SUBSISTENCE.....	504,437	504,437	504,437	504,437
13200 SUBSISTENCE-IN-KIND.....	288,477	288,477	288,477	288,477
13250 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	750	750	750	750
<b>13300 TOTAL, BUDGET ACTIVITY 4.....</b>	<b>793,664</b>	<b>793,664</b>	<b>793,664</b>	<b>793,664</b>

(In thousands of dollars)

	Budget	House	Senate	Recommendation
13350 ACTIVITY 5: PERMANENT CHANGE OF STATION				
13400 ACCESSION TRAVEL.....	58,170	58,170	58,170	58,170
13450 TRAINING TRAVEL.....	10,948	10,948	10,948	10,948
13500 OPERATIONAL TRAVEL .....	118,437	118,437	118,437	118,437
13550 ROTATIONAL TRAVEL .....	145,384	145,384	145,384	145,384
13600 SEPARATION TRAVEL.....	63,205	63,205	63,205	63,205
13650 TRAVEL OF ORGANIZED UNITS.....	1,829	1,829	1,829	1,829
13700 NON-TEMPORARY STORAGE.....	6,297	6,297	6,297	6,297
13750 TEMPORARY LODGING EXPENSE.....	13,477	13,477	13,477	13,477
13800 OTHER.....	427	427	427	9,694
13850 TOTAL, BUDGET ACTIVITY 5.....	418,174	418,174	418,174	427,441
13900 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS				
13950 APPREHENSION OF MILITARY DESERTERS.....	1,786	1,786	1,786	1,786
14000 INTEREST ON UNIFORMED SERVICES SAVINGS.....	18	18	18	18
14050 DEATH GRATUITIES.....	17,100	17,100	17,100	17,100
14100 UNEMPLOYMENT BENEFITS.....	84,241	84,241	84,241	84,241
14150 EDUCATION BENEFITS.....	3,754	3,754	3,754	3,754
14200 ADOPTION EXPENSES.....	189	189	189	189
14250 TRANSPORTATION SUBSIDY.....	2,095	2,095	2,095	2,095
14300 PARTIAL DISLOCATION ALLOWANCE.....	430	430	430	430
14400 JUNIOR R.O.T.C.....	5,414	5,414	5,414	5,414
14450 TOTAL, BUDGET ACTIVITY 6.....	115,027	115,027	115,027	115,027
14500 LESS REIMBURSABLES.....	-20,161	-20,161	-20,161	-20,161
14600 UNDISTRIBUTED ADJUSTMENT.....	---	-342,930	-32,000	-115,800
14650 TOTAL, ACTIVE FORCES, MARINE CORPS.....	12,915,790	12,528,845	12,883,790	12,799,990
16000 TOTAL, MILITARY PERSONNEL, MARINE CORPS.....	12,915,790	12,528,845	12,883,790	12,799,990

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

	Budget Request	House	Senate	Recommendation
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>				
<b>SPECIAL PAYS</b>	31,743	16,657	31,743	29,508
Hardship Duty Pay - Transferred to Title IX		-265		
Imminent Danger Pay - Transferred to Title IX		-8,281		
Foreign Language Proficiency Pay - Transferred to Title IX		-4,305		
Officer Accession Bonus - Transferred to BA-5		-2,235		-2,235
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>				
<b>SPECIAL PAYS</b>	501,220	472,291	501,220	494,188
Hardship Duty Pay - Transferred to Title IX		-2,602		
Imminent Danger Pay - Transferred to Title IX		-7,655		
Foreign Language Proficiency Pay - Transferred to Title IX		-11,640		
Enlistment Bonus - Transferred to BA-5		-7,032		-7,032
<b>BA-5: PERMANENT CHANGE OF STATION</b>				
<b>OTHER</b>	427	427	427	9,694
Transfer from BA-1 and BA-2				9,267
<b>UNDISTRIBUTED ADJUSTMENT</b>		-342,930	-32,000	-115,800
Authorized Basic Pay Increase		32,200		32,200
Unexpended/Unobligated Balances		-83,130	-32,000	-40,000
Undistributed Transfer to Title IX		-292,000		-108,000

# MILITARY PERSONNEL, AIR FORCE

For Military Personnel, Air Force, funds are to be available for fiscal  
year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>17000 MILITARY PERSONNEL, AIR FORCE</b>				
<b>17050 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS</b>				
17100 BASIC PAY.....	4,652,985	4,652,985	4,652,985	4,652,985
17150 RETIRED PAY ACCRUAL.....	1,493,832	1,493,832	1,493,832	1,493,832
17200 BASIC ALLOWANCE FOR HOUSING.....	1,289,006	1,289,006	1,289,006	1,289,006
17250 BASIC ALLOWANCE FOR SUBSISTENCE.....	185,213	185,213	185,213	185,213
17300 INCENTIVE PAYS.....	261,459	261,459	261,459	261,459
17350 SPECIAL PAYS.....	294,879	282,264	294,879	294,879
17400 ALLOWANCES.....	111,626	111,626	111,626	111,626
17450 SEPARATION PAY.....	55,780	55,780	55,780	55,780
17500 SOCIAL SECURITY TAX.....	354,018	354,018	354,018	354,018
<b>17550 TOTAL, BUDGET ACTIVITY 1.....</b>	<b>8,698,798</b>	<b>8,686,183</b>	<b>8,698,798</b>	<b>8,698,798</b>
<b>17600 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>				
17650 BASIC PAY.....	8,298,263	8,298,263	8,298,263	8,298,263
17700 RETIRED PAY ACCRUAL.....	2,669,786	2,669,786	2,669,786	2,669,786
17750 BASIC ALLOWANCE FOR HOUSING.....	2,872,747	2,872,747	2,872,747	2,872,747
17800 INCENTIVE PAYS.....	35,381	35,381	35,381	35,381
17850 SPECIAL PAYS.....	379,680	313,334	379,680	379,680
17900 ALLOWANCES.....	519,792	519,792	519,792	519,792
17950 SEPARATION PAY.....	128,577	128,577	128,577	128,577
18000 SOCIAL SECURITY TAX.....	634,817	634,817	634,817	634,817
<b>18050 TOTAL, BUDGET ACTIVITY 2.....</b>	<b>15,539,043</b>	<b>15,472,697</b>	<b>15,539,043</b>	<b>15,539,043</b>
<b>18100 ACTIVITY 3: PAY AND ALLOWANCES OF CADETS</b>				
18150 ACADEMY CADETS.....	71,044	71,044	71,044	71,044
<b>18200 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL</b>				
18250 BASIC ALLOWANCE FOR SUBSISTENCE.....	868,652	868,652	868,652	868,652
18300 SUBSISTENCE-IN-KIND.....	192,965	192,965	192,965	192,965
18350 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	155	155	155	155
<b>18400 TOTAL, BUDGET ACTIVITY 4.....</b>	<b>1,061,772</b>	<b>1,061,772</b>	<b>1,061,772</b>	<b>1,061,772</b>

(In thousands of dollars)

	Budget	House	Senate	Recommendation
18450 ACTIVITY 5: PERMANENT CHANGE OF STATION				
18500 ACCESSION TRAVEL.....	89,290	89,290	89,290	89,290
18550 TRAINING TRAVEL.....	71,721	71,721	71,721	71,721
18600 OPERATIONAL TRAVEL .....	306,516	306,516	306,516	306,516
18650 ROTATIONAL TRAVEL .....	511,777	511,777	511,777	511,777
18700 SEPARATION TRAVEL.....	171,642	171,642	171,642	171,642
18750 TRAVEL OF ORGANIZED UNITS.....	23,317	23,317	23,317	23,317
18800 NON-TEMPORARY STORAGE.....	41,757	41,757	41,757	41,757
18850 TEMPORARY LODGING EXPENSE.....	29,590	29,590	29,590	29,590
18900 OTHER.....	---	---	---	---
18950 TOTAL, BUDGET ACTIVITY 5.....	1,245,610	1,245,610	1,245,610	1,245,610
19000 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS				
19050 APPREHENSION OF MILITARY DESERTERS.....	95	95	95	95
19100 INTEREST ON UNIFORMED SERVICES SAVINGS.....	1,612	1,612	1,612	1,612
19150 DEATH GRATUITIES.....	19,900	19,900	19,900	19,900
19200 UNEMPLOYMENT BENEFITS.....	44,155	44,155	44,155	44,155
19250 SURVIVOR BENEFITS.....	1,783	1,783	1,783	1,783
19300 EDUCATION BENEFITS.....	331	331	331	331
19350 ADOPTION EXPENSES.....	1,092	1,092	1,092	1,092
19400 TRANSPORTATION SUBSIDY.....	12,034	12,034	12,034	12,034
19450 PARTIAL DISLOCATION ALLOWANCE.....	1,929	1,929	1,929	1,929
19550 RESERVE OFFICERS TRAINING CORPS (ROTC).....	39,397	39,397	39,397	39,397
19600 JUNIOR ROTC.....	20,019	20,019	20,019	20,019
19650 TOTAL, BUDGET ACTIVITY 6.....	142,347	142,347	142,347	142,347
19700 LESS REIMBURSABLES.....	-318,853	-318,853	-318,853	-318,853
19750 UNDISTRIBUTED ADJUSTMENT.....	---	-421,950	-61,000	-265,625
19800 TOTAL, ACTIVE FORCES, AIR FORCE.....	26,439,761	25,938,850	26,378,761	26,174,136
21000 TOTAL, MILITARY PERSONNEL, AIR FORCE.....	26,439,761	25,938,850	26,378,761	26,174,136

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

	Budget Request	House	Senate	Recommendation
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>				
<b>SPECIAL PAYS</b>	294,879	282,264	294,879	294,879
Hostile Fire Pay - Transferred to Title IX		-5,501		
Hardship Duty Pay - Transferred to Title IX		-1,808		
Foreign Language Proficiency Pay - Transferred to Title IX		-5,306		
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>				
<b>SPECIAL PAYS</b>	379,680	313,334	379,680	379,680
Hostile Fire Pay - Transferred to Title IX		-37,935		
Hardship Duty Pay - Transferred to Title IX		-10,848		
Foreign Language Proficiency Pay - Transferred to Title IX		-17,563		
<b>UNDISTRIBUTED ADJUSTMENT</b>		-421,950	-61,000	-265,625
Authorized Basic Pay Increase		52,700		58,700
Unexpended/Unobligated Balances		-143,650		-71,825
Undistributed Transfer to Title IX		-331,000		-222,000
Lower than Budgeted Pay Grade Mix			-61,000	-30,500

10/10/00  
 10/10/00  
 10/10/00

# RESERVE PERSONNEL, ARMY

For Reserve Personnel, Army, funds are to be available for fiscal year

2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
23000 RESERVE PERSONNEL, ARMY				
23050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT				
23100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	1,236,457	1,236,457	1,236,457	1,236,457
23150 PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY).....	44,224	44,224	44,224	44,224
23200 PAY GROUP F TRAINING (RECRUITS).....	267,251	267,251	267,251	267,251
23250 PAY GROUP P TRAINING (PIPELINE RECRUITS).....	8,621	8,621	8,621	8,621
23300 MOBILIZATION TRAINING .....	17,597	17,597	17,597	17,597
23350 SCHOOL TRAINING.....	187,023	187,023	187,023	187,023
23400 SPECIAL TRAINING.....	272,105	272,105	272,105	272,105
23450 ADMINISTRATION AND SUPPORT.....	2,098,042	2,098,042	2,098,042	2,098,042
23500 EDUCATION BENEFITS.....	65,457	65,457	65,457	65,457
23550 HEALTH PROFESSION SCHOLARSHIP .....	62,398	62,398	62,398	62,398
23600 OTHER PROGRAMS .....	77,481	77,481	77,481	77,481
23650 TOTAL, BUDGET ACTIVITY 1.....	4,336,656	4,336,656	4,336,656	4,336,656
23800 UNDISTRIBUTED ADJUSTMENT.....	---	-28,143	-50,000	-31,943
24000 TOTAL RESERVE PERSONNEL, ARMY.....	4,336,656	4,308,513	4,286,656	4,304,713

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

	Budget Request	House	Senate	Recommendation
<b>UNDISTRIBUTED ADJUSTMENT</b>		<b>-28,143</b>	<b>-50,000</b>	<b>-31,943</b>
Authorized Basic Pay Increase		14,257		14,257
Unexpended/Unobligated Balances		-42,400	-50,000	-46,200

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## RESERVE PERSONNEL, NAVY

For Reserve Personnel, Navy, funds are to be available for fiscal year

2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>26000 RESERVE PERSONNEL, NAVY</b>				
<b>26050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT</b>				
26100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	619,535	619,535	614,535	614,535
26150 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	8,888	8,888	8,888	8,888
26200 PAY GROUP F TRAINING (RECRUITS).....	55,636	55,636	55,636	55,636
26250 MOBILIZATION TRAINING.....	8,315	8,315	8,315	8,315
26300 SCHOOL TRAINING.....	43,782	43,782	43,782	43,782
26350 SPECIAL TRAINING.....	79,489	79,489	79,489	79,489
26400 ADMINISTRATION AND SUPPORT.....	1,066,311	1,066,311	1,066,311	1,066,311
26450 EDUCATION BENEFITS.....	6,774	6,774	6,774	6,774
26500 HEALTH PROFESSION SCHOLARSHIP.....	49,436	49,436	49,436	49,436
26550 TOTAL, BUDGET ACTIVITY 1.....	1,938,166	1,938,166	1,933,166	1,933,166
26600 UNDISTRIBUTED ADJUSTMENT.....	---	-20,055	-28,000	-23,865
27000 TOTAL, RESERVE PERSONNEL, NAVY.....	1,938,166	1,918,111	1,905,166	1,909,301

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

	Budget Request	House	Senate	Recommendation
<b>PAY GROUP A TRAINING (15 DAYS &amp; DRILLS 24/48)</b>	<b>619,535</b>	<b>619,535</b>	<b>614,535</b>	<b>614,535</b>
Unjustified Growth			-5,000	-5,000
<b>UNDISTRIBUTED ADJUSTMENT</b>		<b>-20,055</b>	<b>-28,000</b>	<b>-23,865</b>
Authorized Basic Pay Increase		4,635		4,635
Unexpended/Unobligated Balances		-24,690	-24,000	-24,500
Lower than Budgeted Pay Grade Mix			-4,000	-4,000

## RESERVE PERSONNEL, MARINE CORPS

For Reserve Personnel, Marine Corps, funds are to be available for  
fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>28000 RESERVE PERSONNEL, MARINE CORPS</b>				
<b>28050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT</b>				
28100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	171,381	171,381	171,381	171,381
28150 PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY).....	30,901	30,901	30,901	30,901
28200 PAY GROUP F TRAINING (RECRUITS).....	121,402	121,402	121,402	121,402
28300 MOBILIZATION TRAINING.....	4,114	4,114	4,114	4,114
28350 SCHOOL TRAINING.....	16,034	16,034	16,034	16,034
28400 SPECIAL TRAINING.....	26,851	26,851	26,851	26,851
28450 ADMINISTRATION AND SUPPORT.....	215,447	215,447	215,447	215,447
28500 PLATOON LEADER CLASS.....	11,327	11,327	11,327	11,327
28550 EDUCATION BENEFITS.....	20,043	20,043	20,043	20,043
28600 TOTAL, BUDGET ACTIVITY 1.....	617,500	617,500	617,500	617,500
28700 UNDISTRIBUTED ADJUSTMENT.....	---	-6,920	-6,000	-4,000
29000 TOTAL, RESERVE PERSONNEL, MARINE CORPS.....	617,500	610,580	611,500	613,500

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

	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>UNDISTRIBUTED ADJUSTMENT</b>		<b>-6,920</b>	<b>-6,000</b>	<b>-4,000</b>
Authorized Basic Pay Increase		1,900		1,900
Unexpended/Unobligated Balances		-5,820	-6,000	-5,900
MIP Marine Corps Reserve Intelligence Program		-3,000		

## RESERVE PERSONNEL, AIR FORCE

For Reserve Personnel, Air Force, funds are to be available for fiscal  
year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
30000 RESERVE PERSONNEL, AIR FORCE				
30050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT				
30100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	637,673	637,673	637,673	637,673
30150 PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY).....	91,119	91,119	91,119	91,119
30200 PAY GROUP F TRAINING (RECRUITS).....	56,926	56,926	56,926	56,926
30250 PAY GROUP P TRAINING (PIPELINE RECRUITS).....	52	52	52	52
30300 MOBILIZATION TRAINING.....	1,800	1,800	1,800	1,800
30350 SCHOOL TRAINING.....	152,674	152,674	152,674	152,674
30400 SPECIAL TRAINING.....	221,085	221,085	221,085	221,085
30450 ADMINISTRATION AND SUPPORT.....	353,905	353,905	353,905	353,905
30500 EDUCATION BENEFITS.....	37,362	37,362	37,362	37,362
30550 HEALTH PROFESSION SCHOLARSHIP.....	49,979	49,979	49,979	49,979
30600 OTHER PROGRAMS (ADMIN & SUPPORT).....	5,137	5,137	5,137	5,137
30650 TOTAL, BUDGET ACTIVITY 1.....	1,607,712	1,607,712	1,607,712	1,607,712
30750 UNDISTRIBUTED ADJUSTMENT.....	---	-7,250	-23,000	-18,300
31000 TOTAL, RESERVE PERSONNEL, AIR FORCE.....	1,607,712	1,600,462	1,584,712	1,589,412

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

	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>UNDISTRIBUTED ADJUSTMENT</b>		<b>-7,250</b>	<b>-23,000</b>	<b>-18,300</b>
Authorized Basic Pay Increase		15,200		4,200
Unexpended/Unobligated Balances		-22,450	-23,000	-22,500

# NATIONAL GUARD PERSONNEL, ARMY

For National Guard Personnel, Army, funds are to be available for  
fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>32000 NATIONAL GUARD PERSONNEL, ARMY</b>				
<b>32050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT</b>				
<b>32100 PAY GROUP A TRAINING (15 DAYS &amp; DRILLS 24/48).....</b>	<b>2,054,153</b>	<b>2,054,153</b>	<b>2,054,153</b>	<b>2,054,153</b>
<b>32150 PAY GROUP F TRAINING (RECRUITS).....</b>	<b>460,832</b>	<b>460,832</b>	<b>460,832</b>	<b>460,832</b>
<b>32200 PAY GROUP P TRAINING (PIPELINE RECRUITS).....</b>	<b>68,064</b>	<b>68,064</b>	<b>68,064</b>	<b>68,064</b>
<b>32250 SCHOOL TRAINING.....</b>	<b>547,488</b>	<b>547,488</b>	<b>547,488</b>	<b>547,488</b>
<b>32300 SPECIAL TRAINING.....</b>	<b>528,419</b>	<b>528,419</b>	<b>508,419</b>	<b>518,419</b>
<b>32350 ADMINISTRATION AND SUPPORT.....</b>	<b>3,799,749</b>	<b>3,799,749</b>	<b>3,799,749</b>	<b>3,799,749</b>
<b>32400 EDUCATION BENEFITS.....</b>	<b>162,783</b>	<b>162,783</b>	<b>162,783</b>	<b>162,783</b>
<b>32410 RECRUITING/RETENTION.....</b>	<b>---</b>	<b>-52,747</b>	<b>---</b>	<b>-25,000</b>
<b>32450 TOTAL, BUDGET ACTIVITY 1.....</b>	<b>7,621,488</b>	<b>7,568,741</b>	<b>7,601,488</b>	<b>7,586,488</b>
<b>32600 UNDISTRIBUTED ADJUSTMENT.....</b>	<b>---</b>	<b>-43,113</b>	<b>-66,400</b>	<b>-39,583</b>
<b>33000 TOTAL, NATIONAL GUARD PERSONNEL, ARMY.....</b>	<b>7,621,488</b>	<b>7,525,628</b>	<b>7,535,088</b>	<b>7,546,905</b>

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

	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>SPECIAL TRAINING</b>	<b>528,419</b>	<b>528,419</b>	<b>508,419</b>	<b>518,419</b>
Recruiting and Retention Mandays			-20,000	-10,000
<b>RECRUITING AND RETENTION</b>		<b>-52,747</b>		<b>-25,000</b>
<b>UNDISTRIBUTED ADJUSTMENT</b>		<b>-43,113</b>	<b>-66,400</b>	<b>-39,583</b>
Authorized Basic Pay Increase		26,267		26,267
Unexpended/Unobligated Balances		-70,830	-70,000	-70,500
WMD Civil Support Team for Florida		1,200		1,200
WMD Civil Support Team for New York		250		200
Joint Interagency Training and Education Center			3,600	3,250

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# NATIONAL GUARD PERSONNEL, AIR FORCE

For National Guard Personnel, Air Force, funds are to be available for  
fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
34000 NATIONAL GUARD PERSONNEL, AIR FORCE				
34050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT				
34100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	961,609	961,609	961,609	961,609
34150 PAY GROUP F TRAINING (RECRUITS).....	64,290	64,290	64,290	64,290
34200 PAY GROUP P TRAINING (PIPELINE RECRUITS).....	209	209	209	209
34250 SCHOOL TRAINING.....	191,646	191,646	191,646	191,646
34300 SPECIAL TRAINING.....	115,083	115,083	115,083	115,083
34350 ADMINISTRATION AND SUPPORT.....	1,598,988	1,598,988	1,594,988	1,594,988
34400 EDUCATION BENEFITS.....	39,124	39,124	39,124	39,124
34450 TOTAL, BUDGET ACTIVITY 1.....	2,970,949	2,970,949	2,966,949	2,966,949
34700 UNDISTRIBUTED ADJUSTMENT.....	---	-21,050	-43,350	-28,720
35000 TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE.....	2,970,949	2,949,899	2,923,599	2,938,229

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

	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>ADMINISTRATION AND SUPPORT</b>	<b>1,598,988</b>	<b>1,598,988</b>	<b>1,594,988</b>	<b>1,594,988</b>
Non-Prior Service Enlistment Bonus			-4,000	-4,000
<b>UNDISTRIBUTED ADJUSTMENT</b>		<b>-21,050</b>	<b>-43,350</b>	<b>-28,720</b>
Authorized Basic Pay Increase		1,600		6,600
Unexpended/Unobligated Balances		-22,650	-34,000	-28,320
Lower than Budgeted Pay Grade Mix			-10,000	-8,000
Joint Interagency Training and Education Center			650	1,000

(39)

## TITLE II – OPERATION AND MAINTENANCE

For Operation and Maintenance, funds are to be available for fiscal  
year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>RECAPITULATION</b>				
OPERATION & MAINTENANCE, ARMY.....	31,274,882	30,454,152	30,667,886	30,934,550
OPERATION & MAINTENANCE, NAVY.....	35,070,346	34,885,932	34,773,497	34,714,396
OPERATION & MAINTENANCE, MARINE CORPS.....	5,536,223	5,557,510	5,435,923	5,539,117
OPERATION & MAINTENANCE, AIR FORCE.....	34,748,159	33,785,349	33,739,447	33,477,116
OPERATION & MAINTENANCE, DEFENSE-WIDE .....	28,357,246	27,929,377	28,205,050	28,115,793
OPERATION & MAINTENANCE, ARMY RESERVE.....	2,620,196	2,621,196	2,582,624	2,617,496
OPERATION & MAINTENANCE, NAVY RESERVE.....	1,278,501	1,280,001	1,272,501	1,273,701
OPERATION & MAINTENANCE, MARINE CORPS RESERVE.....	228,925	228,925	219,425	223,175
OPERATION & MAINTENANCE, AIR FORCE RESERVE.....	3,079,228	3,079,228	3,085,700	3,131,200
OPERATION & MAINTENANCE, ARMY NATIONAL GUARD.....	6,257,034	6,353,627	5,989,034	6,189,713
OPERATION & MAINTENANCE, AIR NATIONAL GUARD.....	5,885,761	5,888,741	5,857,011	5,882,251
OVERSEAS CONTINGENCY OPERATIONS TRANSFER ACCOUNT.....	5,000	---	---	---
UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES...	13,932	13,932	13,932	13,932
ENVIRONMENTAL RESTORATION, ARMY .....	415,864	415,864	430,864	423,364
ENVIRONMENTAL RESTORATION, NAVY.....	285,869	285,869	285,869	285,869
ENVIRONMENTAL RESTORATION, AIR FORCE .....	494,276	494,276	494,276	494,276
ENVIRONMENTAL RESTORATION, DEFENSE-WIDE.....	11,100	11,100	11,100	11,100
ENVIRONMENTAL RESTORATION, FORMERLY USED DEF. SITES...	267,700	277,700	307,700	292,700
OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID.....	109,869	109,869	109,869	109,869
COOPERATIVE THREAT REDUCTION ACCOUNT.....	404,093	404,093	424,093	424,093
DOD ACQUISITION WORKFORCE DEVELOPMENT FUND.....	100,000	100,000	100,000	100,000
GRAND TOTAL, OPERATION & MAINTENANCE.....	156,444,204	154,176,741	154,005,801	154,253,711

## UNDISTRIBUTED REDUCTIONS BASED ON HISTORICAL UNDEREXECUTION

Both the House and Senate recommend execution reductions to the operation and maintenance accounts. The House's adjustment is based on the Government Accountability Office's analysis of historical budget execution trends. The Senate's adjustment is based on the historical difference between the request and obligations for restoration and modernization, citing data that the execution of appropriated funds was significantly different than what was requested for certain budget line items. Since the issues behind these recommendations are so similar, the recommendation includes an undistributed reduction to each of the operation and maintenance accounts based on historical underexecution. This reduction shall be applied to any budget line item with the exception of Facilities Sustainment, Restoration and Modernization lines.

## FINANCIAL IMPROVEMENT AND AUDIT READINESS

It is concerning that the Department of Defense is not placing enough emphasis on improving financial management processes, internal controls and audit readiness capability. The Department should continue to develop

and implement the Financial Improvement and Audit Readiness (FIAR) plan to correct financial management deficiencies and meet audit readiness objectives. Such actions would likely result in significant programmatic savings, increased efficiencies, and an improved ability to properly spend and account for the Department's critical assets and resources. The recommendation supports the Department of Defense's FIAR planning and financial improvement programs.

#### OPERATION AND MAINTENANCE REPROGRAMMINGS

The recommendation includes a provision identical to the provision enacted in fiscal year 2009 that requires the Department to submit the DD Form 1414, Base for Reprogramming Actions, for each of the fiscal year 2010 appropriations accounts within 60 days after the enactment of this Act. This provision prohibits the Department 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 the Senate Committees on Appropriations.

With respect to the Services' operation and maintenance accounts, the Department shall submit prior approval reprogramming requests to the congressional defense committees for proposed transfers of funds in excess

of \$15,000,000 to or from the levels specified for budget activities. In addition, the Department shall follow prior approval reprogramming procedures for transfers in excess of \$15,000,000 out of the following budget sub-activities:

Operation and Maintenance, Army:

Land Forces Depot Maintenance

Operation and Maintenance, Navy:

Aircraft Depot Maintenance

Ship Depot Maintenance

Operation and Maintenance, Marine Corps:

Depot Maintenance

Operation and Maintenance, Air Force:

Air Operations Depot Maintenance

Mobility Operations Depot Maintenance

Basic Skills/Training Depot Maintenance

Logistics Operations Depot Maintenance

In addition, the Department shall 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**

Further, the Department shall provide written notification of cumulative transfers in excess of \$15,000,000 from the following budget sub-activities:

**Operation and Maintenance, Army:**

**Maneuver Units**

**Modular Support Brigades**

**Land Forces Operations Support**

**Force Readiness Operations Support**

**Base Operations Support**

**Facilities, Sustainment, Restoration and Modernization**

**Operation and Maintenance, Navy:**

**Facilities Sustainment, Restoration and Modernization**

**Operation and Maintenance, Marine Corps:**

**Facilities Sustainment, Restoration and Modernization**

**Operation and Maintenance, Air Force:**

**Primary Combat Forces**

**Combat Enhancement Forces**

**Combat Communications**

**Facilities Sustainment, Restoration and Modernization**

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. In addition, the Department shall provide written notification of cumulative transfers in excess of \$15,000,000 or 20 percent, whichever is less, from the following line items identified in the Operation and Maintenance, Defense-Wide project level table contained in this Act:

Defense Legal Services Agency

Office of the Secretary of Defense:

Acquisition, Technology, and Logistics Programs

Personnel and Readiness

Comptroller and Chief Financial Officer

Under Secretary of Defense (Intelligence)

Under Secretary of Defense (Policy)

Director, Program Analysis and Evaluation

Assistant Secretary for Defense (Networks and Information

Integration)

A congressional interest item contained in Operation and Maintenance, Defense-Wide is defined only as a specified increase provided in this Act.

#### OPERATION AND MAINTENANCE BUDGET EXECUTION DATA

The Secretary of Defense is directed to continue to provide the congressional defense committees with quarterly budget execution data. Such data should be provided not later than 45 days past the close of each quarter for the fiscal year, and shall be provided for each O-1 budget activity, activity group, and sub-activity group for each of the active, defense-wide, reserve and National Guard components. For each O-1 budget activity, activity group, and sub-activity group, these reports shall include: the budget request and actual obligations; the Department of Defense distribution of unallocated congressional adjustments to the budget request; all adjustments made in establishing the Base for Reprogramming (DD Form 1414) report; all adjustments resulting from below threshold reprogrammings; and all adjustments resulting from prior approval reprogramming requests.

## FEDERAL GOVERNMENT CONTRACTING PROCEDURES

Section 811 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84) included a provision amending Federal government contracting procedures for 8(a) Native American sole source Federal contracts. The provision requires that any 8(a) Native American contracts in excess of \$20,000,000 will now be subject to an additional level of review through the Justification and Approval process. The effect that this additional requirement will have on the efficiency of the contracting process and the competitiveness of Native American companies is unknown. Therefore, the Secretary of Defense is directed to submit a report 90 days after the implementation of the new contracting procedures. This report shall detail the impact of the provision on the selection of Native American companies for large dollar contracts; discuss how the provision is affecting the contracting process, whether an excessive administrative burden has been placed on contracting personnel; and provide recommendations for how the provision can be amended to mitigate any unintended negative consequences.

## MILITARY TIRES

As part of the Tire Commodity Management Privatization initiative, undertaken in compliance with the Base Realignment and Closure Act of 2005, the Department of Defense shifted responsibility for tire supply, storage, and distribution from the Defense Logistics Agency to a contractor who would be in charge of procuring and distributing all ground and air military tires worldwide for the Department and the military services. It is recognized that the intent of this initiative was to lower costs and streamline the process of getting tires to the warfighter and that the current prime contractor has exceeded expectations. However, having a tire manufacturer as the manager as well as the vendor creates a perception of a lack of competition.

The Secretary of Defense is directed to award new military ground vehicle and aircraft tire management contracts when the existing base contract expires. The new contract should prohibit any tire manufacturer from acting as a prime contractor for the management of the contract. The existing Navy aircraft tire contracts are exempted provided the Department of the Navy certifies that these contracts represent the best value to the government.

## INFORMATION OPERATIONS

The Department of Defense must improve both budgetary and policy oversight of its strategic communications and information operations programs. The Department's leadership has only recently become aware of the variety, scope, and magnitude of funding associated with these programs across the services and at all levels within the combatant commands. Fiscal year 2010 Department of Defense budget justification materials provided to the Congress initially indicated the request included nearly one billion dollars across the Department of Defense and within the services for information operations programs. However, after the congressional defense committees made several inquiries during the budget review process, it was determined by the Department that the budget request for these activities was actually \$626,200,000 for fiscal year 2010, \$360,000,000 less than originally indicated.

As part of its own efforts, the Department has improved its ability to account for the vast sums of dollars that have been spent on these programs in the past, and those being requested in the current budget submission. However, throughout the budget review process of the House and Senate Appropriations Committees, repeated questions to the Department about the execution of appropriated funds and the proposed use of requested funding

were too often answered with varied responses or admissions of uncertainty. The Congress cannot be expected to continue supporting programs which lack accountability and clear direction.

The Department of Defense should formulate, coordinate, operate and account for its strategic communications and information operations programs within an enterprise-wide architecture. This should include designating an individual or individuals with authority to ensure that the programs support national security policies and strategies, that they are properly coordinated with other government departments and agencies, and that appropriated dollars are obligated, expended, and accounted for in accordance with the intent justified and communicated to the Congress, and for the purposes appropriated. In this regard, the recommendation concurs with the reporting requirement included in the National Defense Authorization Act for Fiscal Year 2010 regarding the Department's efforts to develop enterprise-wide oversight and coordination mechanisms for military strategic communications and information operations programs. This report should also include an evaluation of proposals to establish or empower an office within the Secretary of Defense with Executive Agent authority over military strategic communications and information operations programs.

The Congress has a need for better budget justification and execution documentation for congressional oversight of information operations program funds. The classified annex to the Supplemental Appropriations Act for Fiscal Year 2009 included a reporting requirement on Department of Defense strategic communications programs. The Department should submit such a report annually with updated informative materials and data. Accordingly, the Under Secretary of Defense for Policy, in coordination with the Under Secretary of Defense (Comptroller), shall submit a strategic communications and information operations programs report to the congressional defense committees not later than 30 days after the submission of the President's annual budget request to Congress. The report shall include supplemental budget justification materials for strategic communication programs to include information operations, psychological operations, and influence activities of the Department of Defense for which base budget, supplemental, or overseas contingency operation funds have been appropriated or requested over the fiscal year 2007 through 2011 period, including: program strategies, target audiences, goals, and measures of effectiveness; budget exhibits at the appropriations account and sub-activity level; spend plans (including positions and other direct costs associated with the activity); and production and dissemination mechanisms

and locations. The report shall include an annex for necessary explanatory and supporting classified information. Within this annex the Department should specifically designate, and include a comprehensive explanation of, any programs, activities, or operations where the involvement of the United States Government may be anything less than publicly acknowledged.

Finally, funding requested for United States Central Command (CENTCOM) information operations programs in Afghanistan has grown from \$39,900,000 in fiscal year 2008, to a request of \$243,800,000 in fiscal year 2010, a 500 percent increase. Of the \$109,700,000 specifically appropriated for United States Forces - Afghanistan (USFOR-A) information operations programs in fiscal year 2009, only \$63,400,000 was obligated. The remaining \$46,300,000 (42 percent of the appropriation) was used by CENTCOM and the Army for other purposes in Afghanistan. The large increase in the funding requested and the ability of CENTCOM to execute this funding based on its prior year execution is of concern.

Accordingly, the Under Secretary of Defense (Comptroller) is directed to provide a classified quarterly report to the congressional defense committees on the obligation and expenditure of those funds requested and appropriated in Title IX of this Act, "Operation and Maintenance, Army" for CENTCOM's United States Forces - Afghanistan

and External Information Program - Afghanistan information operation programs and activities. The report shall identify any of the funds provided that have been obligated or expended for other than information operation activities, or transferred either above or below the reprogramming threshold notification requirements, and the purposes for which the funds were otherwise used.

The recommendation makes the following reductions to the Department of Defense request for information operations and strategic communications programs:

(in thousands of dollars)					
<u>Account</u>	<u>Line</u>	<u>Program Adjustment</u>	<u>House Reduction</u>	<u>Senate Reduction</u>	<u>Recommended Reduction</u>
<b>Operation and Maintenance, Title II</b>					
O&M Army	134	Information Operations		-18,800	0
O&M Army	138	EUCOM Information Operations			-2,000
O&M Army	138	AFRICOM Information Operations			-3,000
O&M Army	Undistributed	Information Operations	-30,000		0
O&M Air Force	015A	CENTCOM Information Operations			-20,000
O&M Air Force	Undistributed	Information Operations	-49,400		0
O&M DW	SOCOM	Information Operations	-16,000		0
<b>Operation and Maintenance, Title IX</b>					
O&M Air Force	015A	Information Operations	-150,000	-20,000	-25,000
O&M Air Force	Undistributed	Information Operations	-27,000		0
O&M DW	SOCOM	Information Operations	-58,000	-20,000	-50,000

#### ARMY AND AIR FORCE EXCHANGE SERVICE

There is deep concern that Army and Air Force Exchange Service (AAFES) decisions to construct new restaurants will negatively impact

locally-owned restaurants of the same franchise in the community. Such actions, especially in areas with economic conditions that cannot support multiple restaurants of the same franchise, are harmful to the community. As partners with the community, the Department should consider these implications when making decisions about building new retail, restaurant or concessions services on an installation. Accordingly, the Department is directed to report to the congressional defense committees within 90 days after enactment of this Act on the decision process to open new AAFES restaurants at Fort Stewart, and what considerations were made to account for the potential impact of such openings on the locally-owned restaurants of the same franchise.

# OPERATION AND MAINTENANCE, ARMY

For Operation and Maintenance, Army, funds are to be available for  
fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>50 OPERATION AND MAINTENANCE, ARMY</b>				
<b>100 BUDGET ACTIVITY 1: OPERATING FORCES</b>				
<b>150 LAND FORCES</b>				
200 MANEUVER UNITS.....	1,020,490	1,031,620	1,020,490	1,026,055
250 MODULAR SUPPORT BRIGADES.....	105,178	116,802	105,178	114,290
300 ECHELONS ABOVE BRIGADES.....	708,038	709,038	708,038	708,838
350 THEATER LEVEL ASSETS.....	718,233	722,733	699,733	721,833
400 LAND FORCES OPERATIONS SUPPORT.....	1,379,529	1,382,029	1,230,257	1,232,757
450 AVIATION ASSETS.....	850,750	850,750	773,350	773,350
<b>500 LAND FORCES READINESS</b>				
550 FORCE READINESS OPERATIONS SUPPORT.....	2,088,233	2,091,733	2,010,342	2,073,033
600 LAND FORCES SYSTEMS READINESS.....	633,704	625,604	633,704	633,704
650 LAND FORCES DEPOT MAINTENANCE.....	692,601	695,601	692,601	695,001
<b>700 LAND FORCES READINESS SUPPORT</b>				
750 BASE OPERATIONS SUPPORT.....	7,586,455	7,593,155	7,364,133	7,526,915
800 FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION..	2,221,446	2,229,527	2,230,846	2,231,474
850 MANAGEMENT AND OPERATIONAL HEADQUARTERS.....	333,119	341,119	314,119	339,519
900 COMBATANT COMMANDER'S CORE OPERATIONS.....	123,163	123,163	104,363	123,163
1060 COMBATANT COMMANDERS ANCILLARY MISSIONS.....	460,159	460,159	460,159	455,159
<b>1100 TOTAL, BUDGET ACTIVITY 1.....</b>	<b>18,921,098</b>	<b>18,973,033</b>	<b>18,347,313</b>	<b>18,655,091</b>
<b>1150 BUDGET ACTIVITY 2: MOBILIZATION</b>				
<b>1200 MOBILITY OPERATIONS</b>				
1250 STRATEGIC MOBILITY.....	228,376	218,376	228,376	218,376
1300 ARMY PREPOSITIONED STOCKS.....	98,129	98,129	98,129	98,129
1350 INDUSTRIAL PREPAREDNESS.....	5,705	5,705	5,705	5,705
<b>1400 TOTAL, BUDGET ACTIVITY 2.....</b>	<b>332,210</b>	<b>322,210</b>	<b>332,210</b>	<b>322,210</b>

(53)

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>1450 BUDGET ACTIVITY 3: TRAINING AND RECRUITING</b>				
1500 ACCESSION TRAINING				
1550 OFFICER ACQUISITION.....	125,615	126,615	125,615	126,415
1600 RECRUIT TRAINING.....	87,488	87,488	88,412	89,888
1650 ONE STATION UNIT TRAINING.....	59,302	62,802	59,302	62,802
1700 SENIOR RESERVE OFFICERS TRAINING CORPS.....	449,397	450,332	451,597	452,092
1750 BASIC SKILL AND ADVANCED TRAINING				
1800 SPECIALIZED SKILL TRAINING.....	970,777	1,018,777	971,277	979,427
1850 FLIGHT TRAINING.....	843,893	843,893	985,693	985,693
1900 PROFESSIONAL DEVELOPMENT EDUCATION.....	166,812	171,912	170,812	171,292
1950 TRAINING SUPPORT.....	702,031	580,231	702,031	703,631
2000 RECRUITING AND OTHER TRAINING AND EDUCATION				
2050 RECRUITING AND ADVERTISING.....	541,852	525,252	541,852	539,852
2100 EXAMINING.....	147,915	147,915	147,915	147,915
2150 OFF-DUTY AND VOLUNTARY EDUCATION.....	238,353	238,353	238,353	238,353
2200 CIVILIAN EDUCATION AND TRAINING.....	217,386	199,386	217,386	217,386
2250 JUNIOR RESERVE OFFICERS TRAINING CORPS.....	156,904	171,904	156,904	168,904
2300 TOTAL, BUDGET ACTIVITY 3.....	4,707,725	4,624,860	4,857,149	4,883,650
<b>2350 BUDGET ACTIVITY 4: ADMIN &amp; SERVICEWIDE ACTIVITIES</b>				
2400 SECURITY PROGRAMS				
2450 SECURITY PROGRAMS.....	1,017,055	1,019,355	1,014,247	1,019,555
2500 LOGISTICS OPERATIONS				
2550 SERVICEWIDE TRANSPORTATION.....	540,249	540,249	540,249	540,249
2600 CENTRAL SUPPLY ACTIVITIES.....	614,093	619,093	614,093	619,093
2650 LOGISTICS SUPPORT ACTIVITIES.....	481,318	489,318	489,618	495,218
2700 AMMUNITION MANAGEMENT.....	434,661	422,861	434,661	434,661

(5)

(In thousands of dollars)

	Budget	House	Senate	Recommendation
2750 SERVICEWIDE SUPPORT				
2800 ADMINISTRATION.....	776,866	763,866	776,866	763,866
2850 SERVICEWIDE COMMUNICATIONS.....	1,166,491	1,114,991	1,168,491	1,191,091
2900 MANPOWER MANAGEMENT.....	289,383	289,383	289,383	289,383
2950 OTHER PERSONNEL SUPPORT.....	221,779	221,779	218,652	229,029
3000 OTHER SERVICE SUPPORT.....	993,852	995,352	986,852	988,352
3050 ARMY CLAIMS ACTIVITIES.....	215,168	175,768	215,168	215,168
3100 REAL ESTATE MANAGEMENT.....	118,785	118,785	118,785	118,785
3150 SUPPORT OF OTHER NATIONS				
3200 SUPPORT OF NATO OPERATIONS.....	430,449	430,449	430,449	430,449
3250 MISC. SUPPORT OF OTHER NATIONS.....	13,700	13,700	13,700	13,700
3300 TOTAL, BUDGET ACTIVITY 4.....	7,313,849	7,214,949	7,311,214	7,348,599
3440 ELIMINATE CAAS GROWTH IN OBJECT CLASS.....	---	-50,900	---	-50,900
3445 INFORMATION OPERATIONS.....	---	-30,000	---	---
3450 EXCESS WORKING CAPITAL FUND CASH.....	---	-600,000	---	---
3455 UNDISTRIBUTED REDUCTION DUE TO HISTORIC R&M MIGRATION.	---	---	-180,000	---
3460 UNDISTRIBUTED REDUCTION DUE TO HISTORIC UNDEREXECUTION	---	---	---	-224,100
4000 TOTAL, OPERATION AND MAINTENANCE, ARMY.....	31,274,882	30,454,152	30,667,886	30,934,550

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

O-1	Budget Request	House	Senate	Recommendation
<b>111 MANEUVER UNITS</b>	<b>1,020,490</b>	<b>1,031,620</b>	<b>1,020,490</b>	<b>1,026,055</b>
Program Increase - Irregular warfare		11,130		5,565
<b>112 MODULAR SUPPORT BRIGADES</b>	<b>105,178</b>	<b>116,802</b>	<b>105,178</b>	<b>114,290</b>
Program Increase - Irregular warfare		2,624		1,312
Air-Supported Temper Tent		3,000		3,000
Modular Command Post Tent		6,000		4,800
<b>113 ECHELONS ABOVE BRIGADE</b>	<b>708,038</b>	<b>709,038</b>	<b>708,038</b>	<b>708,838</b>
Army Force Generation Synchronization Tool		1,000		800
<b>114 THEATER LEVEL ASSETS</b>	<b>718,233</b>	<b>722,733</b>	<b>699,733</b>	<b>721,833</b>
Lightweight Tactical Utility Vehicles		4,500		3,600
CASEVAC/Logistics Rotary Wing Contract for OEF-Philippines - Transfer to OCO			-18,500	
<b>115 LAND FORCES OPERATIONS SUPPORT</b>	<b>1,379,529</b>	<b>1,382,029</b>	<b>1,230,257</b>	<b>1,232,757</b>
UH-60 Leak Proof Drip Pans		2,500		2,500
Budget Realignment of Combat Training Center Transportation Funding in Support of Helicopter Training			-64,400	-64,400
Reduction to the Remaining Growth in fiscal year 2010 for Combat Training Center Transportation due to OCO Funding Availability			-36,372	-36,372
Budget Justification does not Match Summary of Price and Program Changes for Other Contracts			-48,500	-48,500
<b>116 AVIATION ASSETS</b>	<b>850,750</b>	<b>850,750</b>	<b>773,350</b>	<b>773,350</b>
Budget Realignment in Support of Helicopter Training			-77,400	-77,400
<b>121 FORCE READINESS OPERATIONS SUPPORT</b>	<b>2,088,233</b>	<b>2,091,733</b>	<b>2,010,342</b>	<b>2,073,033</b>
Fort Hood Training Lands Restoration and Maintenance		2,500		2,000
Operational/Technical Training Validation for Joint Maneuver Forces at Fort Bliss		1,000		800
Family Readiness Support Assistants - Transfer to OCO			-59,891	
Administrative Savings Proposal Increase Number of Soldiers per Chartered Aircraft going on R&R Leave			-15,000	-15,000
Administrative Savings Proposal - Soldier Student Lodging			-3,000	-3,000
<b>122 LAND FORCES SYSTEMS READINESS</b>	<b>633,704</b>	<b>625,604</b>	<b>633,704</b>	<b>633,704</b>
Average Underexecution		-8,100		
<b>123 LAND FORCES DEPOT MAINTENANCE</b>	<b>692,601</b>	<b>695,601</b>	<b>692,601</b>	<b>695,001</b>
Defense Job Creation and Supply Chain Initiative		3,000		2,400
<b>131 BASE OPERATIONS SUPPORT</b>	<b>7,586,455</b>	<b>7,593,155</b>	<b>7,364,133</b>	<b>7,526,915</b>
Fort Benning National Incident Management System Compliant Installation Operations Center		5,000		4,000
Fort Bliss Data Center		1,700		1,360
Budget Justification does not Match Summary of Price and Program Changes for Korea Build-to-Lease Program and TRADOC Lease Reductions			-46,000	-46,000

O-1	Budget Request	House	Senate	Recommendation
Pollution Prevention Reduction not Properly Accounted for in Budget Justification			-22,000	-22,000
Environmental Management Information System (EMIS) - Army Requested Transfer to RDT&E, Army line number 64			-2,000	-2,000
Child Care/Youth Development Programs - Transfer to OCO			-69,320	
Installation Support - Transfer to OCO			-10,088	
Warfighter and Family Services - Transfer to OCO			-78,514	
Army Conservation and Ecosystem Management			4,500	4,000
IT and Information Management Upgrades, Fort Greely, AK			300	300
Post Security Enhancements, Fort Greely, AK			800	800
<b>FACILITIES SUSTAINMENT, RESTORATION, &amp; MODERNIZATION</b>	<b>2,221,446</b>	<b>2,229,527</b>	<b>2,230,846</b>	<b>2,231,474</b>
Americans with Disabilities Act Compliance for the Historical Fort Hamilton Community Club		1,800		1,440
Defense- Fire Alarm / Detection System Installation for the Historical Fort Hamilton Community Club		500		400
Defense- Sprinkler System Installation for the Historical Fort Hamilton Community Club		1,200		960
Repair Heating, Ventilation, Air Conditioning System at Fort Leavenworth		2,796		0
Repair Heating, Ventilation, Air Conditioning System in National Simulations Center		1,785		1,428
Installation Processing Node - Phase IIa			3,600	0
Rock Island Arsenal Building 299 Roof Replacement			5,800	5,800
<b>133 MANAGEMENT AND OPERATIONAL HQ</b>	<b>333,119</b>	<b>341,119</b>	<b>314,119</b>	<b>339,519</b>
Initiative to Increase Minority Participation In Defense		8,000		6,400
Budget Justification does not Match Summary of Price and Program Changes for Management and Professional Services			-19,000	
<b>134 COMBATANT COMMANDERS CORE OPERATIONS</b>	<b>123,163</b>	<b>123,163</b>	<b>104,363</b>	<b>123,163</b>
Information Operations			-18,800	0
<b>138 COMBATANT COMMANDERS ANCILLARY MISSIONS</b>	<b>460,159</b>	<b>460,159</b>	<b>460,159</b>	<b>455,159</b>
EUCOM Information Operations				-2,000
AFRICOM Information Operations				-3,000
<b>211 STRATEGIC MOBILITY</b>	<b>228,376</b>	<b>218,376</b>	<b>228,376</b>	<b>218,376</b>
Lack of Spares to Reset Prepo		-10,000		-10,000
<b>311 OFFICER ACQUISITION</b>	<b>125,615</b>	<b>126,615</b>	<b>125,615</b>	<b>126,415</b>
Diversity Recruitment for West Point Military Academy		1,000		800
<b>312 RECRUIT TRAINING</b>	<b>87,488</b>	<b>87,488</b>	<b>88,412</b>	<b>89,888</b>
Reception Stations - Transfer to OCO			-2,076	
Desert Locust Laser Protective Lens			3,000	2,400
<b>313 ONE STATION UNIT TRAINING</b>	<b>59,302</b>	<b>62,802</b>	<b>59,302</b>	<b>62,802</b>
TRANSIM Driver Training		3,500		3,500
<b>314 SENIOR RESERVE OFFICERS TRAINING CORPS</b>	<b>449,397</b>	<b>450,332</b>	<b>451,597</b>	<b>452,092</b>
US Army ROTC Emergency Facility Renovation		935		935
Air Battle Captain ROTC Helicopter Training			2,200	1,760

O-1	Budget Request	House	Senate	Recommendation
<b>321 SPECIALIZED SKILL TRAINING</b>	<b>970,777</b>	<b>1,018,777</b>	<b>971,277</b>	<b>979,427</b>
Program Increase - Re-balance Training Programs		45,000		5,750
Critical Language Instruction for Military Personnel, Education, Training and Distance Learning		3,000		2,400
Rule of Law			500	500
<b>322 FLIGHT TRAINING</b>	<b>843,893</b>	<b>843,893</b>	<b>985,693</b>	<b>985,693</b>
Budget Realignment in Support of Helicopter Training			141,800	141,800
<b>323 PROFESSIONAL DEVELOPMENT EDUCATION</b>	<b>166,812</b>	<b>171,912</b>	<b>170,812</b>	<b>171,292</b>
Army Command and General Staff College Leadership Training Program		2,000	2,000	2,000
Genocide Prevention Course through Combined Arms Center *		1,600		1,280
ROTC and Reserve Component Strategic Language Hub Pilot		1,500		1,200
Academic Support and Research Compliance for Knowledge Gathering (Transferred to RDT&E, Army line number 4)			2,000	
<b>324 TRAINING SUPPORT</b>	<b>702,031</b>	<b>580,231</b>	<b>702,031</b>	<b>703,631</b>
Average Underexecution		-123,800		
Online Technology Training Program at Joint Base Lewis-McChord		2,000		1,600
<b>331 RECRUITING AND ADVERTISING</b>	<b>541,852</b>	<b>525,252</b>	<b>541,852</b>	<b>539,852</b>
Average Underexecution		-12,600		
Army Experience Center - Eliminate Targeting of 13-17 year olds		-4,000		-2,000
<b>334 CIVILIAN EDUCATION AND TRAINING</b>	<b>217,386</b>	<b>199,386</b>	<b>217,386</b>	<b>217,386</b>
Average Underexecution		-18,000		
<b>335 JUNIOR ROTC</b>	<b>156,904</b>	<b>171,904</b>	<b>156,904</b>	<b>168,904</b>
Program Increase - Junior ROTC		15,000		12,000
<b>411 SECURITY PROGRAMS</b>	<b>1,017,055</b>	<b>1,019,355</b>	<b>1,014,247</b>	<b>1,019,555</b>
Classified Adjustment		2,300	-2,808	2,500
<b>422 CENTRAL SUPPLY ACTIVITIES</b>	<b>614,093</b>	<b>619,093</b>	<b>614,093</b>	<b>619,093</b>
DECA Construction (Transfer)		5,000		5,000
<b>423 LOGISTIC SUPPORT ACTIVITIES</b>	<b>481,318</b>	<b>489,318</b>	<b>489,618</b>	<b>495,218</b>
Anti-Corrosion Nanotechnology Solutions for Logistics		1,000		800
Common Logistics Operating System		2,000		1,600
Logistics Interoperability		1,500		1,200
Net-Centric Decision Support Environment Sense and Respond Logistics		2,500		2,000
Ground Combat System Knowledge Center and Technical Inspection Data Capture		1,000		1,000
Manufacturing Supply Chain Initiative			5,000	4,000
Transformation of ISO Containers to Smart Containers			3,300	3,300

O-1	Budget Request	House	Senate	Recommendation
<b>424 AMMUNITION MANAGEMENT</b>	<b>434,661</b>	<b>422,861</b>	<b>434,661</b>	<b>434,661</b>
Average Underexecution		-14,800		
M24 Sniper Weapons System Upgrade (Transferred to Procurement of Weapons and Tracked Combat Vehicles, Army line number 42)		3,000		
<b>431 ADMINISTRATION</b>	<b>776,866</b>	<b>763,866</b>	<b>776,866</b>	<b>763,866</b>
In-source issuing Common Access Cards		-18,000		-18,000
In-source issuing Common Access Cards		9,000		9,000
Efficiencies of centralized management and tracking of Common Access Cards		-4,000		-4,000
<b>432 SERVICEWIDE COMMUNICATIONS</b>	<b>1,166,491</b>	<b>1,114,991</b>	<b>1,168,491</b>	<b>1,191,091</b>
Average Underexecution		-51,500		
Biometrics Operations Directorate Transition			2,000	1,600
GFEBs transfer request - Transfer from Other Procurement, Army line number 118				23,000
<b>434 OTHER PERSONNEL SUPPORT</b>	<b>221,779</b>	<b>221,779</b>	<b>218,652</b>	<b>229,029</b>
Transferred from O&M, Defense-Wide BTA for DIMHRS			7,250	7,250
Wounded Warrior Program - Transfer to OCO			-10,377	
<b>435 OTHER SERVICE SUPPORT</b>	<b>993,852</b>	<b>995,352</b>	<b>986,852</b>	<b>988,352</b>
Memorial Day Concert		1,500		1,500
Administrative Savings Proposal: Automated Vendor Payments (Wide Area Workflow)			-7,000	-7,000
<b>436 ARMY CLAIMS ACTIVITIES</b>	<b>215,168</b>	<b>175,768</b>	<b>215,168</b>	<b>215,168</b>
Average Underexecution		-39,400		
Eliminate Growth in CAAS Shown in Object Class		-50,900		-50,900
Undistributed Information Operations		-30,000		0
Excess Working Capital Fund Cast		-600,000		0
Undistributed Reduction Due to Historic R&M Migration			-180,000	0
Undistributed Reduction Due to Historic Underexecution				-224,100

## ACCOUNTABILITY OF COMMON ACCESS CARDS

House Report 111-230 on the Department of Defense Appropriations Bill, 2010 noted major problems cited by the Department of Defense Inspector General regarding Common Access Card abuses by contractors. A program has been established to provide secure credentials to contractors and is currently being tested at Fort Belvoir, Virginia. These steps to address the force protection deficiencies cited by the Inspector General are encouraging and the Department should work to continue to improve the process for issuing Common Access Cards and to improve the security of Department of Defense facilities.

## JUNIOR RESERVE OFFICERS' TRAINING CORPS

The Junior Reserve Officers' Training Corps (JROTC) helps instill the essential qualities of character, citizenship, and fitness in its participants. The Department is commended for JROTC's proven track record of developing leadership potential, logical thinking and enhanced oral and verbal communication skills. JROTC's valuable role is an outlet through which its participants remain engaged, dedicated and disciplined in their academic and extracurricular endeavors. JROTC's emphasis on the importance of high school graduation, college attendance, and other

advanced educational and employment opportunities which contribute to a successful future is to be applauded. In order to extend and enhance the benefits of this invaluable program, the recommendation provides \$12,000,000 above the budget request only for a pilot program of JROTC units that would expand the scope and availability of this program in localities that desire to participate in such a program.

# OPERATION AND MAINTENANCE, NAVY

For Operation and Maintenance, Navy, funds are to be available for  
fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
4300 OPERATION AND MAINTENANCE, NAVY				
4350 BUDGET ACTIVITY 1: OPERATING FORCES				
4400 AIR OPERATIONS				
4450 MISSION AND OTHER FLIGHT OPERATIONS.....	3,814,000	3,598,672	3,814,000	3,724,004
4500 FLEET AIR TRAINING.....	120,868	120,868	121,668	121,668
4560 AVIATION TECHNICAL DATA AND ENGINEERING SERVICES.....	52,259	52,259	52,259	52,259
4600 AIR OPERATIONS AND SAFETY SUPPORT.....	121,649	121,649	121,649	121,649
4650 AIR SYSTEMS SUPPORT.....	485,321	485,321	485,321	485,321
4700 AIRCRAFT DEPOT MAINTENANCE.....	1,057,747	1,127,774	1,057,747	1,092,747
4750 AIRCRAFT DEPOT OPERATIONS SUPPORT.....	32,083	32,083	32,083	32,083
4800 SHIP OPERATIONS				
4850 MISSION AND OTHER SHIP OPERATIONS.....	3,320,222	3,320,222	3,300,222	3,300,222
4900 SHIP OPERATIONS SUPPORT AND TRAINING.....	699,581	699,581	699,581	699,581
4950 SHIP DEPOT MAINTENANCE.....	4,296,544	4,298,644	4,291,544	4,293,224
5000 SHIP DEPOT OPERATIONS SUPPORT.....	1,170,785	1,171,785	1,170,785	1,171,585
5050 COMBAT COMMUNICATIONS/SUPPORT				
5100 COMBAT COMMUNICATIONS.....	601,595	601,595	601,595	601,595
5150 ELECTRONIC WARFARE.....	86,019	86,019	86,019	86,019
5200 SPACE SYSTEMS AND SURVEILLANCE.....	167,050	167,050	160,050	160,050
5250 WARFARE TACTICS.....	407,674	439,510	407,674	418,592
5300 OPERATIONAL METEOROLOGY AND OCEANOGRAPHY.....	315,228	310,928	315,228	315,228
5350 COMBAT SUPPORT FORCES.....	758,789	779,289	758,789	768,789
5400 EQUIPMENT MAINTENANCE.....	186,794	186,794	186,794	186,794
5450 DEPOT OPERATIONS SUPPORT.....	3,305	5,705	3,305	5,225
5460 COMBATANT COMMANDERS CORE OPERATIONS.....	167,789	167,789	183,789	183,789
5470 COMBATANT COMMANDERS DIRECT MISSION SUPPORT.....	259,188	259,188	250,438	250,438

(In thousands of dollars)

	Budget	House	Senate	Recommendation
5500 WEAPONS SUPPORT				
5550 CRUISE MISSILE.....	131,895	131,895	131,895	131,895
5600 FLEET BALLISTIC MISSILE.....	1,145,020	1,145,020	1,145,020	1,145,020
5650 IN-SERVICE WEAPONS SYSTEMS SUPPORT.....	64,731	64,731	64,731	64,731
5700 WEAPONS MAINTENANCE.....	448,777	448,777	456,377	456,377
5750 OTHER WEAPON SYSTEMS SUPPORT .....	326,535	326,535	326,535	326,535
5800 BASE SUPPORT				
5850 ENTERPRISE INFORMATION TECHNOLOGY.....	1,095,587	1,095,587	1,072,587	1,072,587
5900 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	1,746,418	1,738,618	1,736,418	1,737,018
5950 BASE OPERATING SUPPORT.....	4,058,046	4,036,046	4,058,046	4,062,546
6000 TOTAL, BUDGET ACTIVITY 1.....	27,141,499	27,019,934	27,092,149	27,067,571
6050 BUDGET ACTIVITY 2: MOBILIZATION				
6100 READY RESERVE AND PREPOSITIONING FORCES				
6150 SHIP PREPOSITIONING AND SURGE.....	407,977	407,977	405,977	405,977
6200 ACTIVATIONS/INACTIVATIONS				
6250 AIRCRAFT ACTIVATIONS/INACTIVATIONS.....	7,491	7,491	7,491	7,491
6300 SHIP ACTIVATIONS/INACTIVATIONS.....	192,401	195,401	192,401	194,801
6350 MOBILIZATION PREPAREDNESS				
6400 FLEET HOSPITAL PROGRAM.....	24,546	24,546	24,546	24,546
6450 INDUSTRIAL READINESS.....	2,409	2,409	2,409	2,409
6500 COAST GUARD SUPPORT.....	25,727	25,727	25,727	25,727
6550 TOTAL, BUDGET ACTIVITY 2.....	660,551	663,551	658,551	660,951
6600 BUDGET ACTIVITY 3: TRAINING AND RECRUITING				
6650 ACCESSION TRAINING				
6700 OFFICER ACQUISITION.....	145,027	146,027	145,027	145,827
6750 RECRUIT TRAINING.....	11,011	11,011	11,011	11,011
6800 RESERVE OFFICERS TRAINING CORPS.....	127,490	127,490	127,490	127,490
6850 BASIC SKILLS AND ADVANCED TRAINING				
6900 SPECIALIZED SKILL TRAINING.....	477,383	467,783	477,383	483,343
6950 FLIGHT TRAINING.....	1,268,846	1,268,846	1,268,846	1,268,846
7000 PROFESSIONAL DEVELOPMENT EDUCATION.....	161,922	170,922	161,922	169,122
7050 TRAINING SUPPORT.....	158,685	158,685	158,685	158,685

65

(In thousands of dollars)

	Budget	House	Senate	Recommendation
7100 RECRUITING, AND OTHER TRAINING AND EDUCATION				
7150 RECRUITING AND ADVERTISING.....	276,564	263,615	271,564	272,150
7200 OFF-DUTY AND VOLUNTARY EDUCATION.....	154,979	154,979	155,479	155,479
7250 CIVILIAN EDUCATION AND TRAINING.....	101,556	101,556	101,556	101,556
7300 JUNIOR ROTC.....	49,161	49,161	49,161	49,161
7350 TOTAL, BUDGET ACTIVITY 3.....	2,932,624	2,920,075	2,928,124	2,942,670
7400 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES				
7450 SERVICEWIDE SUPPORT				
7500 ADMINISTRATION.....	768,048	768,048	766,048	766,048
7550 EXTERNAL RELATIONS.....	6,171	6,171	6,171	6,171
7600 CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT.....	114,675	114,675	114,675	114,675
7650 MILITARY MANPOWER AND PERSONNEL MANAGEMENT.....	182,115	182,115	189,365	189,365
7700 OTHER PERSONNEL SUPPORT.....	298,729	298,729	294,329	298,729
7750 SERVICEWIDE COMMUNICATIONS.....	408,744	353,444	402,244	402,244
7850 LOGISTICS OPERATIONS AND TECHNICAL SUPPORT				
7900 SERVICEWIDE TRANSPORTATION.....	246,989	246,989	246,989	246,989
7950 PLANNING, ENGINEERING AND DESIGN.....	244,337	244,337	244,337	244,337
8000 ACQUISITION AND PROGRAM MANAGEMENT.....	778,501	778,501	768,501	778,501
8050 HULL, MECHANICAL AND ELECTRICAL SUPPORT.....	60,223	60,223	60,223	60,223
8100 COMBAT/WEAPONS SYSTEMS.....	17,328	17,328	17,328	17,328
8150 SPACE AND ELECTRONIC WARFARE SYSTEMS.....	79,065	79,065	79,065	79,065
8200 SECURITY PROGRAMS				
8250 NAVAL INVESTIGATIVE SERVICE.....	515,989	515,989	520,989	519,989
8300 SUPPORT OF OTHER NATIONS				
8350 INTERNATIONAL HEADQUARTERS AND AGENCIES.....	5,918	5,918	5,918	5,918
8400 OTHER PROGRAMS				
8450 OTHER PROGRAMS.....	608,840	610,840	608,491	611,240
8500 TOTAL, BUDGET ACTIVITY 4.....	4,335,672	4,282,372	4,324,673	4,340,822
8575 UNDISTRIBUTED REDUCTION DUE TO HISTORIC R&M MIGRATION.	---	---	-230,000	---
8577 UNDISTRIBUTED REDUCTION DUE TO HISTORIC UNDEREXECUTION	---	---	---	-197,618
8580 CIVILIAN PERSONNEL UNDEREXECUTION.....	---	---	---	-100,000
9100 TOTAL, OPERATION AND MAINTENANCE, NAVY.....	35,070,346	34,885,932	34,773,497	34,714,396

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

<b>O-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>1A1A MISSION AND OTHER FLIGHT OPERATIONS</b>	<b>3,814,000</b>	<b>3,598,672</b>	<b>3,814,000</b>	<b>3,724,004</b>
Average Underexecution		-35,336		
Excessive Flying Hour Growth		-179,992		-89,996
<b>1A2A FLEET AIR TRAINING</b>	<b>120,868</b>	<b>120,868</b>	<b>121,668</b>	<b>121,668</b>
Naval Strike Air Warfare Center OEF/OIF training (Terminal Attack Control)			800	800
<b>1A5A AIRCRAFT DEPOT MAINTENANCE</b>	<b>1,057,747</b>	<b>1,127,774</b>	<b>1,057,747</b>	<b>1,092,747</b>
Aircraft		70,027		35,000
<b>1B1B MISSION AND OTHER SHIP OPERATIONS</b>	<b>3,320,222</b>	<b>3,320,222</b>	<b>3,300,222</b>	<b>3,300,222</b>
Removal of one-time fiscal year 2009 cost			-20,000	-20,000
<b>1B4B SHIP DEPOT MAINTENANCE</b>	<b>4,296,544</b>	<b>4,298,644</b>	<b>4,291,544</b>	<b>4,293,224</b>
Puget Sound Naval Maintenance and Repair Process Improvements		2,100		1,680
Administrative Savings Proposal: Improve Submarine Maintenance Procedures			-5,000	-5,000
<b>1B5B SHIP DEPOT OPERATIONS SUPPORT</b>	<b>1,170,785</b>	<b>1,171,785</b>	<b>1,170,785</b>	<b>1,171,585</b>
ATIS Maintenance and Enhancement Program		1,000		800
<b>1C3C SPACE SYSTEMS AND SURVEILLANCE</b>	<b>167,050</b>	<b>167,050</b>	<b>160,050</b>	<b>160,050</b>
Unjustified Growth for SURTASS			-7,000	-7,000
<b>1C4C WARFARE TACTICS</b>	<b>407,674</b>	<b>439,510</b>	<b>407,674</b>	<b>418,592</b>
Program Increase - Rebalance Training Program		31,836		10,918
<b>1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY</b>	<b>315,228</b>	<b>310,928</b>	<b>315,228</b>	<b>315,228</b>
Average Underexecution		-4,300		
<b>1C6C COMBAT SUPPORT FORCES</b>	<b>758,789</b>	<b>779,289</b>	<b>758,789</b>	<b>768,789</b>
Fleet Forces Command NAVAF Africa Partnership Station East and West		20,500		10,000
<b>1C8C DEPOT OPERATIONS SUPPORT</b>	<b>3,305</b>	<b>5,705</b>	<b>3,305</b>	<b>5,225</b>
Fleet Readiness Data Assessment		2,400		1,920
<b>1CCH COMBATANT COMMANDERS CORE OPERATIONS</b>	<b>167,789</b>	<b>167,789</b>	<b>183,789</b>	<b>183,789</b>
Asia Pacific Regional Initiative			16,000	16,000
<b>COMBATANT COMMANDERS DIRECT MISSION</b>				
<b>1CCM SUPPORT</b>	<b>259,188</b>	<b>259,188</b>	<b>250,438</b>	<b>250,438</b>
National Program for Small Unit Excellence			-8,750	-8,750
<b>1D4D WEAPONS MAINTENANCE</b>	<b>448,777</b>	<b>448,777</b>	<b>456,377</b>	<b>456,377</b>
Unjustified Growth for STUAS			-4,400	-4,400

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O-1		Budget Request	House	Senate	Recommendation
	Mk 45 Mod 5" Gun Depot Overhauls			12,000	12,000
BSIT	<b>ENTERPRISE INFORMATION</b>	<b>1,095,587</b>	<b>1,095,587</b>	<b>1,072,587</b>	<b>1,072,587</b>
	Administrative Savings Proposal: Eliminate Inactive Internet/Intranet Accounts			-5,000	-5,000
	Administrative Savings Proposal: Make Corporate Software License Purchases			-18,000	-18,000
BSM1	<b>SUSTAINMENT, RESTORATION AND MODERNIZATION</b>	<b>1,746,418</b>	<b>1,738,618</b>	<b>1,736,418</b>	<b>1,737,018</b>
	Average Underexecution		-8,400		
	Puget Sound Navy Museum		600		600
	Removal of one-time fiscal year 2009 Congressional Increases			-10,000	-10,000
BSS1	<b>BASE OPERATING SUPPORT</b>	<b>4,058,046</b>	<b>4,036,046</b>	<b>4,058,046</b>	<b>4,062,546</b>
	Average Underexecution		-27,500		
	Brown Tree Snake Program		500		500
	Enhanced Navy Shore Readiness Integration		5,000		4,000
2A1F	<b>SHIP PREPOSITIONING AND SURGE</b>	<b>407,977</b>	<b>407,977</b>	<b>405,977</b>	<b>405,977</b>
	Removal of one-time fiscal year 2009 cost			-2,000	-2,000
2B2G	<b>SHIP ACTIVATIONS/INACTIVATIONS</b>	<b>192,401</b>	<b>195,401</b>	<b>192,401</b>	<b>194,801</b>
	Navy Ship Disposal - Carrier Demonstration Project		3,000		2,400
3A1J	<b>OFFICER ACQUISITION</b>	<b>145,027</b>	<b>146,027</b>	<b>145,027</b>	<b>145,827</b>
	Diversity Recruitment for Naval Academy		1,000		800
3B1K	<b>SPECIALIZED SKILL TRAINING</b>	<b>477,383</b>	<b>467,783</b>	<b>477,383</b>	<b>483,343</b>
	Average Underexecution		-20,800		
	Program Increase - Re-balance Training Programs		10,000		5,000
	Institute for Threat Reduction and Response- Simulated and Virtual Training Environments		1,200		960
3B3K	<b>PROFESSIONAL DEVELOPMENT EDUCATION</b>	<b>161,922</b>	<b>170,922</b>	<b>161,922</b>	<b>169,122</b>
	Center for Defense Technology and Education for the Military Services (CDTEMS)		7,000		5,600
	Continuing Education - Distance Learning at Military Installations		2,000		1,600
3C1L	<b>RECRUITING AND ADVERTISING</b>	<b>276,564</b>	<b>263,615</b>	<b>271,564</b>	<b>272,150</b>
	Naval Cadet Corps		651		586
	Average Underexecution		-13,600		
	Eliminate Requested Program Growth for Advertising			-5,000	-5,000
3C3L	<b>OFF-DUTY AND VOLUNTARY EDUCATION</b>	<b>154,979</b>	<b>154,979</b>	<b>155,479</b>	<b>155,479</b>
	Energy Education and Training for Military Personnel			500	500
4A1M	<b>ADMINISTRATION</b>	<b>768,048</b>	<b>768,048</b>	<b>766,048</b>	<b>766,048</b>
	Unjustified Growth			-2,000	-2,000

<b>O-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>4A4M MANAGEMENT</b>	<b>182,115</b>	<b>182,115</b>	<b>189,365</b>	<b>189,365</b>
Transferred from O&M Defense-Wide, BTA for DIMHRS			7,250	7,250
<b>4A5M OTHER PERSONNEL SUPPORT</b>	<b>298,729</b>	<b>298,729</b>	<b>294,329</b>	<b>298,729</b>
Removal of one-time costs Budgeted for Guam			-4,400	0
<b>4A6M SERVICEWIDE COMMUNICATIONS</b>	<b>408,744</b>	<b>353,444</b>	<b>402,244</b>	<b>402,244</b>
Average Underexecution		-55,300		
SPAWAR Business Office Unjustified Increase			-6,500	-6,500
<b>4B3N ACQUISITION AND PROGRAM MANAGEMENT</b>	<b>778,501</b>	<b>778,501</b>	<b>768,501</b>	<b>778,501</b>
Unjustified Growth			-10,000	0
<b>4C1P NAVAL INVESTIGATIVE SERVICE</b>	<b>515,989</b>	<b>515,989</b>	<b>520,989</b>	<b>519,989</b>
Digitization, Integration, and Analyst Access of Investigative Files, Naval Criminal Investigative Services			5,000	4,000
<b>OTHER PROGRAMS</b>	<b>608,840</b>	<b>610,840</b>	<b>608,491</b>	<b>611,240</b>
Classified Adjustment		2,000	-349	2,400
<b>Budget Activity 4</b>	<b>4,335,672</b>	<b>4,282,372</b>	<b>4,324,673</b>	<b>4,340,822</b>
Undistributed Reduction Due to Historic R&M Migration			-230,000	
Undistributed Reduction Due to Historic Underexecution				-197,618
Civilian Personnel Hiring Plan				-100,000

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NAVAL AIR STATION, MOFFETT FIELD

The future of the Hanger One site at the former Naval Air Station (NAS) Moffett Field remains uncertain, and the Department of the Navy and the National Aeronautics and Space Administration are encouraged to continue to work with the Office of Management and Budget to reach an expeditious recommendation for the environmental remediation and restoration of the facility.

JOINT POW/ MIA ACCOUNTING COMMAND

The Secretary of Defense is directed that, of the funds available within Operation and Maintenance, Navy, \$67,477,000 shall be for the Joint POW/ MIA Accounting Command.

## OPERATION AND MAINTENANCE, MARINE CORPS

For Operation and Maintenance, Marine Corps, funds are to be  
available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
9250 OPERATION AND MAINTENANCE, MARINE CORPS				
9300 BUDGET ACTIVITY 1: OPERATING FORCES				
9350 EXPEDITIONARY FORCES				
9400 OPERATIONAL FORCES.....	730,931	752,860	738,631	751,396
9450 FIELD LOGISTICS.....	591,020	591,020	591,020	591,020
9500 DEPOT MAINTENANCE.....	80,971	80,971	80,971	80,971
9550 USMC PREPOSITIONING				
9600 MARITIME PREPOSITIONING.....	72,182	72,182	72,182	72,182
9650 NORWAY PREPOSITIONING.....	5,090	5,090	5,090	5,090
9700 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	666,330	666,330	660,730	660,730
9750 BASE OPERATING SUPPORT.....	2,250,191	2,250,191	2,156,791	2,242,791
9760 NET ZERO TECHNICAL ADJUSTMENT TO BUDGET ACTIVITY 1....	---	-60,000	-60,000	-60,000
9800 TOTAL, BUDGET ACTIVITY 1.....	4,396,715	4,358,644	4,245,415	4,344,180
9850 BUDGET ACTIVITY 3: TRAINING AND RECRUITING				
9900 ACCESSION TRAINING				
9950 RECRUIT TRAINING.....	16,129	16,129	16,129	16,129
10000 OFFICER ACQUISITION.....	418	418	418	418
10050 BASIC SKILLS AND ADVANCED TRAINING				
10100 SPECIALIZED SKILLS TRAINING.....	67,336	75,794	67,336	71,565
10150 FLIGHT TRAINING.....	369	269	369	369
10200 PROFESSIONAL DEVELOPMENT EDUCATION.....	28,112	28,112	28,112	28,112
10250 TRAINING SUPPORT.....	330,885	330,885	330,885	330,885
10300 RECRUITING AND OTHER TRAINING EDUCATION				
10350 RECRUITING AND ADVERTISING.....	240,832	240,832	240,832	240,832
10400 OFF-DUTY AND VOLUNTARY EDUCATION.....	64,254	54,854	64,254	64,254
10450 JUNIOR ROTC.....	19,305	19,305	19,305	19,305
10600 TOTAL, BUDGET ACTIVITY 3.....	767,640	766,598	767,640	771,869

(In thousands of dollars)

	Budget	House	Senate	Recommendation
10650 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES				
10700 SERVICEWIDE SUPPORT				
10750 SPECIAL SUPPORT.....	299,065	299,565	299,065	299,565
10800 SERVICEWIDE TRANSPORTATION.....	28,924	28,924	28,924	28,924
10850 ADMINISTRATION.....	43,879	43,779	43,879	43,879
10960 NET ZERO TECHNICAL ADJUSTMENT TO BUDGET ACTIVITY 4....	---	60,000	60,000	60,000
11000 TOTAL, BUDGET ACTIVITY 4.....	371,868	432,268	431,868	432,368
11025 UNDISTRIBUTED REDUCTION DUE TO HISTORIC R&M MIGRATION.	---	---	-9,000	---
11027 UNDISTRIBUTED REDUCTION DUE TO HISTORIC UNDEREXECUTION	---	---	---	-9,300
11400 TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS.....	5,536,223	5,557,510	5,435,923	5,539,117

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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

O-1	Budget Request	House	Senate	Recommendation
<b>1A1A OPERATIONAL FORCES</b>	<b>730,931</b>	<b>752,860</b>	<b>738,631</b>	<b>751,396</b>
Program Increase - Re-balance Training Programs		13,929		6,965
Flame Resistant High Performance Apparel		1,500		1,200
MGPTS Type III or Rapid Deployable Shelter		3,000		2,400
Ultra Lightweight Camouflage Net System (ULCANS)		3,500		2,800
Family of Shelters and Tents			2,000	1,600
Hemostatic Combat Gauze			1,000	800
Spray Technique Analysis and Research for Defense (STAR4D)			2,200	2,200
Rapid Data Management System			2,500	2,500
<b>BSM1 SUSTAINMENT, RESTORATION, &amp; MODERNIZATION</b>	<b>666,330</b>	<b>666,330</b>	<b>660,730</b>	<b>660,730</b>
Henderson Hall Joint Basing Initiative not Properly Accounted for			-1,200	-1,200
Relocation of Forces Growth not Properly Accounted for			-4,400	-4,400
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>2,250,191</b>	<b>2,250,191</b>	<b>2,156,791</b>	<b>2,242,791</b>
Removal of One-Time Congressional Increases			-4,400	-4,400
Henderson Hall Joint Basing Initiative not Properly Accounted for			-3,000	-3,000
Family Support Programs - Transfer to OCO			-86,000	
Net Zero Technical Adjustment - Undistributed to BA-1		-60,000	-60,000	-60,000
<b>3B1D SPECIALIZED SKILL TRAINING</b>	<b>67,336</b>	<b>75,794</b>	<b>67,336</b>	<b>71,565</b>
Program Increase - Re-balance Training Programs		8,458		4,229
<b>3B2D FLIGHT TRAINING</b>	<b>369</b>	<b>269</b>	<b>369</b>	<b>369</b>
Average Underexecution		-100		
<b>3C2F OFF-DUTY AND VOLUNTARY EDUCATION</b>	<b>64,254</b>	<b>54,854</b>	<b>64,254</b>	<b>64,254</b>
Average Underexecution		-9,400		
<b>4A2G SPECIAL SUPPORT</b>	<b>299,065</b>	<b>299,565</b>	<b>299,065</b>	<b>299,565</b>
Classified Adjustment		500		500
<b>4A4G ADMINISTRATION</b>	<b>43,879</b>	<b>43,779</b>	<b>43,879</b>	<b>43,879</b>
Average Underexecution		-100		
Net Zero Technical Adjustment - Undistributed to BA-4		60,000	60,000	60,000
Undistributed Reduction Due to Historic R&M Migration			-9,000	
Undistributed Reduction Due to Historic Underexecution				-9,300

## WATER CONTAMINATION CLAIMS AT CAMP LEJEUNE

During fiscal year 2010, the Secretary of the Navy may not dispose of claims filed regarding water contamination at Camp Lejeune, North Carolina, until the Agency for Toxic Substances and Disease Registry (ATSDR) fully completes all current, ongoing epidemiological and water modeling studies pending as of the date of the enactment of this Act.

# OPERATION AND MAINTENANCE, AIR FORCE

For Operation and Maintenance, Air Force, funds are to be available

for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
12000 OPERATION AND MAINTENANCE, AIR FORCE				
12050 BUDGET ACTIVITY 1: OPERATING FORCES				
12100 AIR OPERATIONS				
12150 PRIMARY COMBAT FORCES.....	4,017,156	3,917,156	3,936,996	3,936,996
12250 COMBAT ENHANCEMENT FORCES.....	2,754,563	2,676,863	2,754,563	2,754,563
12300 AIR OPERATIONS TRAINING.....	1,414,913	1,416,413	1,414,913	1,416,113
12400 DEPOT MAINTENANCE.....	2,389,738	2,391,978	2,348,426	2,349,666
12450 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	1,420,083	1,420,083	1,420,083	1,420,083
12500 BASE OPERATING SUPPORT.....	2,859,943	2,859,943	2,735,301	2,734,911
12550 COMBAT RELATED OPERATIONS				
12600 GLOBAL C3I AND EARLY WARNING.....	1,411,813	1,411,813	1,411,813	1,411,813
12700 OTHER COMBAT OPERATIONS SUPPORT PROGRAMS.....	880,353	880,353	885,284	884,484
12850 TACTICAL INTELLIGENCE AND SPECIAL ACTIVITIES.....	552,148	552,148	552,148	552,148
12900 SPACE OPERATIONS				
12950 LAUNCH FACILITIES.....	356,367	356,367	356,367	356,367
13050 SPACE CONTROL SYSTEMS.....	725,646	725,646	725,646	725,646
13260 COMBATANT COMMANDERS DIRECT MISSION SUPPORT.....	608,796	608,796	608,796	588,796
13270 COMBATANT COMMANDERS CORE OPERATIONS.....	216,073	198,073	216,073	211,073
13280 UNDISTRIBUTED REDUCTION.....	---	-183,000	---	-183,000
13300 TOTAL, BUDGET ACTIVITY 1.....	19,607,592	19,232,632	19,366,409	19,159,659

(In thousands of dollars)

	Budget	House	Senate	Recommendation
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13350 BUDGET ACTIVITY 2: MOBILIZATION				
13400 MOBILITY OPERATIONS				
13450 AIRLIFT OPERATIONS.....	2,932,080	2,936,080	2,932,080	2,925,280
13550 MOBILIZATION PREPAREDNESS.....	211,858	211,858	211,858	211,858
13650 DEPOT MAINTENANCE.....	332,226	332,226	332,226	332,226
13700 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	362,954	362,954	362,954	362,954
13750 BASE SUPPORT.....	657,830	657,830	652,038	652,038
13755 UNDISTRIBUTED (AVERAGE UNDEREXECUTION).....	---	-230,000	---	---
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13800 TOTAL, BUDGET ACTIVITY 2.....	4,496,948	4,270,948	4,491,156	4,484,356
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13850 BUDGET ACTIVITY 3: TRAINING AND RECRUITING				
13900 ACCESSION TRAINING				
13950 OFFICER ACQUISITION.....	120,870	120,870	121,170	121,170
14000 RECRUIT TRAINING.....	18,135	18,135	15,871	15,871
14050 RESERVE OFFICER TRAINING CORPS (ROTC).....	88,414	88,414	88,414	88,414
14100 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	372,788	372,788	372,788	372,788
14150 BASE SUPPORT (ACADEMIES ONLY).....	685,029	685,029	643,218	643,218
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14200 BASIC SKILLS AND ADVANCED TRAINING				
14250 SPECIALIZED SKILL TRAINING.....	514,048	516,048	482,761	484,361
14300 FLIGHT TRAINING.....	833,005	738,355	833,005	834,005
14350 PROFESSIONAL DEVELOPMENT EDUCATION.....	215,676	217,676	218,676	218,676
14400 TRAINING SUPPORT.....	118,877	118,877	118,877	118,877
14450 DEPOT MAINTENANCE.....	576	576	576	576
14600 RECRUITING, AND OTHER TRAINING AND EDUCATION				
14650 RECRUITING AND ADVERTISING.....	152,983	153,533	145,807	146,357
14700 EXAMINING.....	5,584	5,584	5,584	5,584
14750 OFF DUTY AND VOLUNTARY EDUCATION.....	188,198	188,198	188,198	188,198
14800 CIVILIAN EDUCATION AND TRAINING.....	174,151	174,151	174,151	174,151
14850 JUNIOR ROTC.....	67,549	67,549	67,549	67,549
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14900 TOTAL, BUDGET ACTIVITY 3.....	3,555,883	3,465,783	3,476,645	3,479,795

(In thousands of dollars)

	Budget	House	Senate	Recommendation
14950 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES				
15000 LOGISTICS OPERATIONS				
15050 LOGISTICS OPERATIONS.....	1,055,672	1,018,272	1,055,672	1,058,072
15100 TECHNICAL SUPPORT ACTIVITIES.....	735,036	735,036	735,036	735,036
15200 DEPOT MAINTENANCE.....	15,411	15,411	15,411	15,411
15250 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	359,562	359,562	359,562	359,562
15300 BASE SUPPORT.....	1,410,097	1,415,097	1,409,192	1,413,192
15350 SERVICEWIDE ACTIVITIES				
15400 ADMINISTRATION.....	646,080	636,080	653,330	651,330
15450 SERVICEWIDE COMMUNICATIONS.....	664,498	579,898	581,951	581,951
15600 OTHER SERVICEWIDE ACTIVITIES.....	1,062,803	1,065,803	1,062,803	1,062,803
15700 CIVIL AIR PATROL CORPORATION.....	22,433	26,433	22,433	26,433
15850 SECURITY PROGRAMS				
15900 SECURITY PROGRAMS.....	1,066,157	1,068,057	1,144,860	1,149,804
15950 SUPPORT TO OTHER NATIONS				
16000 INTERNATIONAL SUPPORT.....	49,987	49,987	49,987	49,987
16050 TOTAL, BUDGET ACTIVITY 4.....	7,087,736	6,969,636	7,090,237	7,103,581
17260 CIVILIAN HIRING PLAN--REDUCE GROWTH FROM 28% TO 18%...	---	-104,250	---	-50,125
17265 CENTCOM INFORMATION OPS MEDIA PRODUCTION.....	---	-49,400	---	---
17285 EXCESS WORKING CAPITAL FUND CARRY OVER.....	---	---	-85,000	-85,000
17290 UNDISTRIBUTED REDUCTION DUE TO HISTORIC R&M MIGRATION.	---	---	-600,000	---
17297 UNDISTRIBUTED REDUCTION DUE TO HISTORIC UNDEREXECUTION	---	---	---	-615,150
17350 TOTAL, OPERATION AND MAINTENANCE, AIR FORCE.....	34,748,159	33,785,349	33,739,447	33,477,116

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

O-1	Budget Request	House	Senate	Recommendation
<b>011A PRIMARY COMBAT FORCES</b>	<b>4,017,156</b>	<b>3,917,156</b>	<b>3,936,996</b>	<b>3,936,996</b>
Average Underexecution		-100,000		
Administrative Savings Proposal - Commercial Jet A Turbine Fuel			-52,000	-52,000
Consolidation of the B-52 Field Training Unit under AFRC (Transferred to O&M, Air Force Reserve)			-28,160	-28,160
<b>011C COMBAT ENHANCEMENT FORCES</b>	<b>2,754,563</b>	<b>2,676,863</b>	<b>2,754,563</b>	<b>2,754,563</b>
Average Underexecution		-77,700		
<b>011D AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)</b>	<b>1,414,913</b>	<b>1,416,413</b>	<b>1,414,913</b>	<b>1,416,113</b>
Air Education and Training Command Range Improvements at the Barry M. Goldwater Range		1,500		1,200
<b>011M DEPOT MAINTENANCE</b>	<b>2,389,738</b>	<b>2,391,978</b>	<b>2,348,426</b>	<b>2,349,666</b>
Joint Aircrew Combined System Tester (JCAST)		2,000		1,600
Wage Issue Modification for USFORAZORES Portuguese National Employees		240		240
Consolidation of the B-52 Field Training Unit under AFRC (Transferred to O&M, Air Force Reserve)			-44,312	-44,312
USAF Engine Trailer Life Extension Program			3,000	2,400
<b>011Z BASE SUPPORT</b>	<b>2,859,943</b>	<b>2,859,943</b>	<b>2,735,301</b>	<b>2,734,911</b>
Eliminate Military Endstrength Drawdown Installation Support Tail			-132,492	-132,492
Administrative Savings Proposal: Web-Enabled Building Control at Vandenberg AFB			-1,000	-1,000
Alaska Joint Command and Control Infrastructure and Physical Security			1,950	1,560
Joint Pacific Alaska Range Complex (JPARC) Enhancements			6,900	6,900
<b>012C OTHER COMBAT OPS SPT PROGRAMS</b>	<b>880,353</b>	<b>880,353</b>	<b>885,284</b>	<b>884,484</b>
Mission Essential Airfield Operations Equipment			931	931
National Center for Integrated Civilian-Military Domestic Disaster Medical Response (Transferred from line number 15B)			4,000	3,200
<b>015A COMBATANT COMMANDERS DIRECT MISSION SUPPORT</b>	<b>608,796</b>	<b>608,796</b>	<b>608,796</b>	<b>588,796</b>
CENTCOM Information Operations				-20,000
<b>015B COMBATANT COMMANDERS CORE OPERATIONS</b>	<b>216,073</b>	<b>198,073</b>	<b>216,073</b>	<b>211,073</b>
U.S. NORTHCOM Staff Operations - unjustified growth in civilian personnel		-10,000		-3,000
HQ USNORTHCOM-National Center for Integrated Civilian-Military Domestic Disaster Medical Response (Transferred to line number 12C)		2,000		
Administrative Efficiencies - U.S. CENTCOM Staff Travel		-10,000		-2,000
<b>Unexecutable Flying Hour Program - Undistributed to BA-1</b>				
		-183,000		-183,000

O-1	Budget Request	House	Senate	Recommendation
021A AIRLIFT OPERATIONS	2,932,080	2,936,080	2,932,080	2,925,280
Warner Robins Air Logistics Center Strategic Airlift Aircraft Availability Improvement		4,000		3,200
Fee for Service Refueling				-10,000
021Z BASE SUPPORT	657,830	657,830	652,038	652,038
Eliminate Military Endstrength Drawdown Installation Support Tail			-5,792	-5,792
031A OFFICER ACQUISITION	120,870	120,870	121,170	121,170
Air Force Academy Space and Defense Studies Research and Curriculum Development			300	300
031B RECRUIT TRAINING	18,135	18,135	15,871	15,871
Active Duty Accessions Increase			-2,264	-2,264
031Z BASE SUPPORT	685,029	685,029	643,218	643,218
Eliminate Military Endstrength Drawdown Installation Support Tail			-41,811	-41,811
032A SPECIALIZED SKILL TRAINING	514,048	516,048	482,761	484,361
Military Medical Training and Disaster Response Program		2,000		1,600
Active Duty Accessions Increase			-31,287	-31,287
032B FLIGHT TRAINING	833,005	738,355	833,005	834,005
Average Underexecution		-95,900		
Minority Aviation Training Program		1,250		1,000
032C PROFESSIONAL DEVELOPMENT EDUCATION	215,676	217,676	218,676	218,676
Defense Critical Languages and Cultures Initiative		2,000	3,000	3,000
033A RECRUITING AND ADVERTISING	152,983	153,533	145,807	146,357
Diversity Recruitment for Air Force Academy		550		550
Active Duty Accessions Increase			-7,176	-7,176
041A LOGISTICS OPERATIONS	1,055,672	1,018,272	1,055,672	1,058,072
Average Underexecution		-40,400		
Advanced Autonomous Robotic Inspections for Aging Aircraft		1,000		800
Expert Knowledge Transformation Project		2,000		1,600
041Z BASE SUPPORT	1,410,097	1,415,097	1,409,192	1,413,192
Demonstration Project for Contractors Employing Persons with Disabilities		4,000		3,200
MacDill Air Force Base Online Technology Program		1,000		800
Eliminate Military Endstrength Drawdown Installation Support Tail			-905	-905

<b>O-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>042A ADMINISTRATION</b>	<b>646,080</b>	<b>636,080</b>	<b>653,330</b>	<b>651,330</b>
Unjustified request for personal delivery systems - Office of the Secretary of the Air Force and Air Staff Operations		-10,000		-2,000
Transferred from O&M, Defense-Wide BTA for DIMHRS			7,250	7,250
<b>042B SERVICEWIDE COMMUNICATIONS</b>	<b>664,498</b>	<b>579,898</b>	<b>581,951</b>	<b>581,951</b>
Average Underexecution		-86,300		
Research Cybersecurity of Critical Control Networks (Transferred to RDT&E, Air Force line number 2)		1,700		
Technical Adjustment per DOD Errata Sheet dated June 3, 2009			-82,547	-82,547
<b>042G OTHER SERVICEWIDE ACTIVITIES</b>	<b>1,062,803</b>	<b>1,065,803</b>	<b>1,062,803</b>	<b>1,062,803</b>
Engine Health Management Plus Data Repository Center (Transferred to RDT &E, Air Force line number 233)		3,000		
<b>042I CIVIL AIR PATROL</b>	<b>22,433</b>	<b>26,433</b>	<b>22,433</b>	<b>26,433</b>
Civil Air Patrol		4,000		4,000
<b>043A SECURITY PROGRAMS</b>	<b>1,066,157</b>	<b>1,068,057</b>	<b>1,144,860</b>	<b>1,149,804</b>
Classified Adjustment		1,900	-3,844	1,100
Technical Adjustment Per DOD Errata Sheet dated 3 June 2009			82,547	82,547
Undistributed Excessive Growth of Civilian Personnel		-104,250		-50,125
Undistributed CENTCOM Information Operations Media Production		-49,400		0
Undistributed Reduction Due to Historic R&M Migration			-600,000	
Undistributed Reduction Due to Historic Underexecution				-615,150
Excess Working Capital Fund Carry Over			-85,000	-85,000

# OPERATION AND MAINTENANCE, DEFENSE-WIDE

(INCLUDING TRANSFER OF FUNDS)

For Operation and Maintenance, Defense-Wide, funds are to be  
available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>18000 OPERATION AND MAINTENANCE, DEFENSE-WIDE</b>				
<b>18050 BUDGET ACTIVITY 1: OPERATING FORCES</b>				
18100 JOINT CHIEFS OF STAFF.....	457,169	432,169	423,479	423,479
18200 SPECIAL OPERATIONS COMMAND.....	3,611,492	3,598,992	3,603,492	3,607,772
<b>18250 TOTAL, BUDGET ACTIVITY 1.....</b>	<b>4,068,661</b>	<b>4,031,161</b>	<b>4,026,971</b>	<b>4,031,251</b>
<b>18400 BUDGET ACTIVITY 3: TRAINING AND RECRUITING</b>				
18450 DEFENSE ACQUISITION UNIVERSITY.....	115,497	115,497	110,497	110,497
18650 NATIONAL DEFENSE UNIVERSITY.....	103,408	103,408	103,408	103,408
<b>18750 TOTAL, BUDGET ACTIVITY 3.....</b>	<b>218,905</b>	<b>218,905</b>	<b>213,905</b>	<b>213,905</b>
<b>18800 BUDGET ACTIVITY 4: ADMIN &amp; SERVICEWIDE ACTIVITIES</b>				
18950 CIVIL MILITARY PROGRAMS.....	132,231	137,231	157,231	147,231
19000 DEFENSE BUSINESS TRANSFORMATION AGENCY.....	139,579	139,579	116,829	116,829
19050 DEFENSE CONTRACT AUDIT AGENCY.....	458,316	458,316	458,316	458,316
19150 DEFENSE INFORMATION SYSTEMS AGENCY.....	1,322,163	1,226,932	1,298,663	1,289,163
19250 DEFENSE LEGAL SERVICES AGENCY.....	42,532	42,532	42,532	42,532
19300 DEFENSE LOGISTICS AGENCY.....	405,873	378,454	413,873	377,454
19350 DEFENSE MEDIA ACTIVITY.....	253,667	253,667	253,667	253,667
19400 DEFENSE POW /MISSING PERSONS OFFICE.....	20,679	20,679	20,679	20,679
19450 DEFENSE TECHNOLOGY SECURITY AGENCY.....	34,325	34,325	34,325	34,325
19500 DEFENSE THREAT REDUCTION AGENCY.....	385,453	378,198	385,453	385,453
19600 DEPARTMENT OF DEFENSE DEPENDENTS EDUCATION.....	2,302,116	2,302,116	2,298,116	2,292,116
19700 DEFENSE HUMAN RESOURCES ACTIVITY.....	665,743	671,343	628,243	632,223
19750 DEFENSE CONTRACT MANAGEMENT AGENCY.....	1,058,721	1,058,721	1,058,721	1,058,721
19850 DEFENSE SECURITY COOPERATION AGENCY.....	721,756	396,756	621,756	621,756
19950 DEFENSE SECURITY SERVICE.....	497,857	487,888	497,857	497,857
20050 OFFICE OF ECONOMIC ADJUSTMENT.....	37,166	167,932	37,166	120,738
20100 OFFICE OF THE SECRETARY OF DEFENSE.....	1,955,985	1,931,024	1,932,985	1,919,985
20250 WASHINGTON HEADQUARTERS SERVICES.....	589,309	589,309	592,509	592,509
<b>20350 TOTAL, BUDGET ACTIVITY 4.....</b>	<b>11,023,471</b>	<b>10,675,002</b>	<b>10,848,921</b>	<b>10,861,554</b>

(In thousands of dollars)

	Budget	House	Senate	Recommendation
20400 IMPACT AID.....	---	44,000	30,000	37,000
20450 IMPACT AID FOR CHILDREN WITH DISABILITIES.....	---	---	5,000	4,000
20500 OTHER PROGRAMS.....	13,046,209	12,954,309	13,080,253	12,963,083
20900 SOLDIER CENTER AT PATRIOT PARK, FT. BENNING.....	---	5,000	---	4,000
20950 MILITARY INTELLIGENCE SERVICE HISTORIC LEARNING CENTER	---	1,000	---	1,000
21550 TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE.....	<u>28,357,246</u>	<u>27,929,377</u>	<u>28,205,050</u>	<u>28,115,793</u>

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

	Budget Request	House	Senate	Recommendation
<b>JOINT CHIEFS OF STAFF</b>	<b>457,169</b>	<b>432,169</b>	<b>423,479</b>	<b>423,479</b>
Combatant Commanders Initiative Fund		-25,000	-25,000	-25,000
Budget Justification does not properly account for In-Sourcing adjustment			-8,690	-8,690
<b>SPECIAL OPERATIONS COMMAND</b>	<b>3,611,492</b>	<b>3,598,992</b>	<b>3,603,492</b>	<b>3,607,772</b>
Special Operations Forces Modular Glove System		1,500	5,000	4,780
SOCOM Care Coalition Recovery Programs		2,000		2,000
SOCOM Information Operations		-16,000		0
Program Termination of ASDS			-8,000	-8,000
Budget Justification does not match summary of Price and Program Changes for DISA services			-5,000	-5,000
NSW Protective Combat Uniform (Transferred from Procurement, Defense-Wide line number 87)				2,500
<b>DEFENSE ACQUISITION UNIVERSITY</b>	<b>115,497</b>	<b>115,497</b>	<b>110,497</b>	<b>110,497</b>
Removal of one-time fiscal year 2009 costs			-5,000	-5,000
<b>CIVIL MILITARY PROGRAMS</b>	<b>132,231</b>	<b>137,231</b>	<b>157,231</b>	<b>147,231</b>
National Guard Youth Challenge Program		5,000	25,000	15,000
<b>DEFENSE BUSINESS TRANSFORMATION AGENCY</b>	<b>139,579</b>	<b>139,579</b>	<b>116,829</b>	<b>116,829</b>
Budget Justification does not properly account for In-Sourcing adjustment			-1,000	-1,000
DIMHRS Transferred to Services (Army, Navy and Air Force)			-21,750	-21,750
<b>DEFENSE INFORMATION SYSTEMS AGENCY</b>	<b>1,322,163</b>	<b>1,226,932</b>	<b>1,298,663</b>	<b>1,289,163</b>
Comprehensive National Cybersecurity Initiative – unexecutable growth		-31,098		-9,500
Shared Service Units/PEOs unjustified program growth		-8,209		
Senior Leadership Enterprise – unjustified request		-55,924		
Removal of one-time fiscal year 2009 costs for CENTRIX and NCES			-22,000	-22,000
Program adjustment for NECC			-9,602	-9,602
Transfer of NECC Funding to Support GCCS-J Sustainment			9,602	9,602
Budget Justification does not properly account for In-Sourcing adjustment			-1,500	-1,500
<b>DEFENSE LOGISTICS AGENCY</b>	<b>405,873</b>	<b>378,454</b>	<b>413,873</b>	<b>377,454</b>
Facilities Sustainment – unexecutable increase		-36,419		-36,419
Program Increase - Procurement Technical Assistance Program		9,000	9,000	9,000
Budget Justification does not properly account for In-Sourcing adjustment			-1,000	-1,000
<b>DEFENSE THREAT REDUCTION AGENCY</b>	<b>385,453</b>	<b>378,198</b>	<b>385,453</b>	<b>385,453</b>
WMD Combat Support and Operations – unjustified growth		-7,255		
<b>DEFENSE DEPENDENTS EDUCATION</b>	<b>2,302,116</b>	<b>2,302,116</b>	<b>2,298,116</b>	<b>2,292,116</b>
Budget Justification does not properly account for In-Sourcing adjustment			-10,000	-10,000
SOAR (Student Online Achievement Resources) Funded in Section 8083			6,000	0

	Budget Request	House	Senate	Recommendation
<b>DEFENSE HUMAN RESOURCES ACTIVITY</b>	<b>665,743</b>	<b>671,343</b>	<b>628,243</b>	<b>632,223</b>
Strategic Language Initiative		3,600		2,880
Translation and Interpretation Skills for DoD		2,000		1,600
Cut one-time costs due to realignment of periods of performance for contracts in fiscal year 2009			-30,000	-30,000
Budget Justification does not properly account for In-Sourcing adjustment			-10,000	-10,000
Defense-Critical Languages and Cultures Program			2,500	2,000
<b>DEFENSE SECURITY COOPERATION AGENCY</b>	<b>721,756</b>	<b>396,756</b>	<b>621,756</b>	<b>621,756</b>
Global Train and Equip (1206)		-150,000		
Security and Stabilization (1207)		-175,000	-100,000	-100,000
<b>DEFENSE SECURITY SERVICE</b>	<b>497,857</b>	<b>487,888</b>	<b>497,857</b>	<b>497,857</b>
Security Education Training and Awareness Program – unjustified growth		-5,077		
Counterintelligence Program – unjustified growth		-4,892		
<b>OFFICE OF ECONOMIC ADJUSTMENT</b>	<b>37,166</b>	<b>251,504</b>	<b>37,166</b>	<b>120,738</b>
Community Economic Assistance Grants – restore proposed cut		13,626		7,000
Norton AFB (New and Existing Infrastructure Improvements)		6,000		4,800
George AFB (New and Existing Infrastructure Improvements)		1,000		1,000
McClellan AFB Infrastructure Improvements		1,000		800
Thorium/Magnesium Excavation - Blue Island		2,000		1,600
Almaden AFS Environmental Assessment and Remediation		4,000		3,200
Naval Station Ingleside Redevelopment		1,000		1,000
Phase I of Berth N-2 Reconstruction of MOTBY Ship Repair Facility		4,500		3,600
Castner Range Conservation Conveyance Study		300		300
Drydock #1 Remediation and Disposal		3,000		3,000
Eliminate Public Safety Hazards		1,340		1,072
Hunters Point Naval Shipyard Remediation		9,000		9,000
Remediation of Jet Fuel Contamination at Floyd Bennett Field		3,000		2,400
Centerville Naval Housing Transfer		6,000		4,800
Brigade Basing Remediation - Support to Public Entities		75,000		40,000

	Budget Request	House	Senate	Recommendation
<b>OFFICE OF THE SECRETARY OF DEFENSE</b>	<b>1,955,985</b>	<b>1,931,024</b>	<b>1,932,985</b>	<b>1,919,985</b>
Office of the ASD (Public Affairs) Support – unjustified growth attributed to AFIS consolidation		-3,524		-2,000
CE2T2 – constrained program growth		-29,437		-15,000
Middle East Regional Security Program		3,000		2,400
Critical Language Training		2,000		1,600
Program Increase - OSD Cost Analysis and Program Evaluation (CAPE) Group, Industrial Base Analyses		3,000		0
National Security Space Office (Transferred from RDT&E, Air Force line number 214)				7,000
Budget Justification does not properly account for In-Sourcing adjustment			-48,000	-48,000
Readiness and Environmental Protection Initiative (REPI)			25,000	18,000
<b>WASHINGTON HEADQUARTERS SERVICES</b>	<b>589,309</b>	<b>589,309</b>	<b>592,509</b>	<b>592,509</b>
Wartime Contracting Commission (WHS)			3,200	3,200
<b>OTHER PROGRAMS</b>	<b>13,046,209</b>	<b>12,954,309</b>	<b>13,080,253</b>	<b>12,963,083</b>
Classified Adjustments		-91,900	33,044	-86,526
Armed Forces Health and Food Supply Research			1,000	800
Counter Threat Finance-Global (Transferred from ICMA)				1,600
MS GIS Educational and Research Program (transferred from RDT&E, Defense-Wide line 999)				1,000
<b>IMPACT AID</b>		<b>44,000</b>	<b>30,000</b>	<b>37,000</b>
<b>IMPACT AID FUNDING FOR CHILDREN WITH DISABILITIES</b>			<b>5,000</b>	<b>4,000</b>
<b>UNDISTRIBUTED</b>		<b>6,000</b>		<b>5,000</b>
Soldier Center at Patriot Park, Ft. Benning		5,000		4,000
Military Intelligence Service Historic Learning Center		1,000		1,000

FOR THE RECORD

## DEFENSE INFORMATION SYSTEMS AGENCY

Funding for the Senior Leadership Enterprise (SLE), in the amount of \$55,924,000 is restored following a briefing by representatives from the Defense Information Systems Agency (DISA). It is concerning that DISA failed to include any information on SLE in either the classified or unclassified budget justification documents. Further, DISA failed to respond to repeated requests for information on SLE prior to the House mark-up of the fiscal year 2010 Defense Appropriations bill. Because DISA's request for this new program lacked any budget justification or explanation, the House declined to fund the request. The Director, Defense Information Systems Agency is urged to review the organization's legislative affairs operations to ensure more responsive, effective communications with Congress in the future.

## SECURITY AND STABILIZATION ASSISTANCE (SECTION 1207 AUTHORITY)

The recommendation includes \$97,090,000 for the Security and Stabilization Assistance Program. It is not anticipated that additional Department of Defense resources will be provided to this program in the future. The recommendation is \$100,000,000 below the budget request,

which is similar to the amount recommended for the Complex Crises Fund and Transitions Initiatives in the Department of State, Foreign Operations, and Related Programs Appropriations Act, 2010. The Complex Crises Fund was recently created to provide the United States Agency for International Development (USAID) and the Department of State with increased resources and flexibility to respond to urgent requirements, in much the same manner and for similar purposes as projects funded under section 1207. The establishment of the Complex Crises Fund will enable USAID and the Department of State to meet emergent requirements that fall under their purview without relying on the Department of Defense. The \$97,090,000 recommended for Security and Stabilization Assistance is provided as a bridging mechanism until the Complex Crises Fund is fully implemented. Although future Security and Stabilization Assistance projects should be funded in USAID and Department of State budget requests, the Secretary of Defense, the Director, USAID and the Secretary of State are directed to maintain and strengthen the interagency process created from the section 1207 program when formulating, reviewing, and approving future projects that would have been funded through section 1207.

## BRIGADE BASING REMEDIATION

The House report expressed concerns regarding the impact on local communities following a decision by the Secretary of Defense to reverse the planned growth in the number of Army Brigade Combat Teams (BCT) from 45 to 48. The report called for in the House report on efforts by the Department to mitigate the impact of this decision is of great interest, and the Department of Defense is expected to act promptly to prepare this report.

OFFICE OF THE UNDER SECRETARY OF DEFENSE (COMPTROLLER)

AND CHIEF FINANCIAL OFFICER

The recommendation provides \$2,348,000 for the Office of the Under Secretary of Defense (Comptroller) and Chief Financial Officer for the costs associated with the recruitment, hiring, training, retention and pay for additional Federal employees to improve fiscal management and oversight. The Department is strongly urged to exempt the Office of the Under Secretary of Defense (Comptroller) and Chief Financial Officer from internal Department headquarters personnel ceilings if necessary to ensure proper fiscal management and budget oversight.

## COMMISSION ON WARTIME CONTRACTING

The recommendation includes an additional \$3,200,000 for the Commission on Wartime Contracting, providing a total of \$12,300,000 for Commission operations in fiscal year 2010.

## NATIONAL SECURITY SPACE OFFICE

The recommendation strongly supports an integrated national security space architecture planning function that provides strategic, senior-level decision-making within the Department of Defense with timely and cogent space system architecture alternatives. Therefore, the recommendation provides \$7,000,000 for the National Security Space Office (NSSO) and transfers the management and tasking to the Under Secretary of Defense for Acquisition, Technology, and Logistics (USD (AT&L)), Space and Intelligence Office (SIO). This new arrangement will accomplish the original intent of the office as the Department of Defense's space architecture planning organization. Therefore, the USD(AT&L)/SIO is directed to revise the NSSO charter and provide a roadmap and goals to the congressional defense committees within 180 days of enactment of this Act on how this office will be used in future space system architecture planning.

## MILITARY VOTING

A number of new authorities have been established in the National Defense Authorization Act for Fiscal Year 2010 with regard to military voting. The Department of Defense is expected to use the necessary resources to implement these new requirements and to ensure that uniformed servicemembers, their family members, and overseas citizens have the full opportunity to vote, particularly at a time when so many military personnel are serving in combat areas.

# OPERATION AND MAINTENANCE, ARMY RESERVE

For Operation and Maintenance, Army Reserve, funds are to be  
available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>21700 OPERATION AND MAINTENANCE, ARMY RESERVE</b>				
<b>21750 BUDGET ACTIVITY 1: OPERATING FORCES</b>				
<b>21800 LAND FORCES</b>				
21850 MANEUVER UNITS.....	1,403	1,403	1,403	1,403
21900 MODULAR SUPPORT BRIGADES.....	12,707	12,707	12,707	12,707
21950 ECHELONS ABOVE BRIGADES.....	468,288	468,288	468,288	468,288
22000 THEATER LEVEL ASSETS.....	152,439	152,439	152,439	152,439
22050 LAND FORCES OPERATIONS SUPPORT.....	520,420	520,420	520,420	520,420
22100 AVIATION ASSETS.....	61,063	61,063	61,063	61,063
<b>22150 LAND FORCES READINESS</b>				
22200 FORCES READINESS OPERATIONS SUPPORT.....	290,443	290,443	275,142	290,443
22250 LAND FORCES SYSTEM READINESS.....	106,569	106,569	106,569	106,569
22300 DEPOT MAINTENANCE.....	94,499	94,499	94,499	94,499
<b>22350 LAND FORCES READINESS SUPPORT</b>				
22400 BASE OPERATIONS SUPPORT.....	522,310	522,310	522,310	522,310
22450 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	234,748	234,748	234,748	234,748
<b>22600 TOTAL, BUDGET ACTIVITY 1.....</b>	<b>2,464,889</b>	<b>2,464,889</b>	<b>2,449,588</b>	<b>2,464,889</b>
<b>22650 BUDGET ACTIVITY 4: ADMIN &amp; SERVICEWIDE ACTIVITIES</b>				
<b>22700 ADMINISTRATION AND SERVICEWIDE ACTIVITIES</b>				
22740 SERVICEWIDE TRANSPORTATION.....	9,291	9,291	9,291	9,291
22750 ADMINISTRATION.....	72,075	72,075	72,075	72,075
22800 SERVICEWIDE COMMUNICATIONS.....	3,635	4,635	3,635	4,435
22850 PERSONNEL/FINANCIAL ADMINISTRATION .....	9,104	9,104	9,104	9,104
22900 RECRUITING AND ADVERTISING.....	61,202	61,202	45,931	61,202
<b>22950 TOTAL, BUDGET ACTIVITY 4.....</b>	<b>155,307</b>	<b>156,307</b>	<b>140,036</b>	<b>156,107</b>
23430 UNDISTRIBUTED REDUCTION DUE TO HISTORIC R&M MIGRATION.	---	---	-7,000	---
23435 UNDISTRIBUTED REDUCTION DUE TO HISTORIC UNDEREXECUTION	---	---	---	-3,500
<b>23500 TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE.....</b>	<b>2,620,196</b>	<b>2,621,196</b>	<b>2,582,624</b>	<b>2,617,496</b>

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

<b>O-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>121 FORCE READINESS OPERATIONS SUPPORT</b>	<b>290,443</b>	<b>290,443</b>	<b>275,142</b>	<b>290,443</b>
Family Readiness Support Assistants - Transfer to OCO			-9,829	
Tuition Assistance - Transfer to OCO			-5,472	
<b>432 SERVICEWIDE COMMUNICATIONS</b>	<b>3,635</b>	<b>4,635</b>	<b>3,635</b>	<b>4,435</b>
Nevada National Guard Joint Operations Center		1,000		800
<b>434 RECRUITING AND ADVERTISING</b>	<b>61,202</b>	<b>61,202</b>	<b>45,931</b>	<b>61,202</b>
Chaplain Strong Bonds - Transfer to OCO			-6,093	
Army Reserve Recruiting Assistance Program (AR-RAP) - Transfer to OCO			-9,178	
<b>Undistributed Reduction Due to Historic R&amp;M Migration</b>			<b>-7,000</b>	
<b>Undistributed Reduction Due to Historic Underexecution</b>				<b>-3,500</b>

9.2

## OPERATION AND MAINTENANCE, NAVY RESERVE

For Operation and Maintenance, Navy Reserve, funds are to be  
available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
23650 OPERATION AND MAINTENANCE, NAVY RESERVE				
23700 BUDGET ACTIVITY 1: OPERATING FORCES				
23750 RESERVE AIR OPERATIONS				
23800 MISSION AND OTHER FLIGHT OPERATIONS.....	570,319	570,319	570,319	570,319
23850 INTERMEDIATE MAINTENANCE.....	16,596	16,596	16,596	16,596
23900 AIR OPERATIONS AND SAFETY SUPPORT.....	3,171	3,171	3,171	3,171
23950 AIRCRAFT DEPOT MAINTENANCE.....	125,004	126,504	125,004	126,204
24000 AIRCRAFT DEPOT OPERATIONS SUPPORT.....	397	397	397	397
24050 RESERVE SHIP OPERATIONS				
24100 MISSION AND OTHER SHIP OPERATIONS.....	55,873	55,873	55,873	55,873
24150 SHIP OPERATIONAL SUPPORT AND TRAINING.....	592	592	592	592
24200 SHIP DEPOT MAINTENANCE.....	41,899	41,899	41,899	41,899
24300 RESERVE COMBAT OPERATIONS SUPPORT				
24350 COMBAT COMMUNICATIONS.....	15,241	15,241	15,241	15,241
24400 COMBAT SUPPORT FORCES.....	142,924	142,924	136,924	136,924
24450 RESERVE WEAPONS SUPPORT				
24500 WEAPONS MAINTENANCE.....	5,494	5,494	5,494	5,494
24550 ENTERPRISE INFORMATION TECHNOLOGY.....	83,611	83,611	83,611	83,611
24600 BASE OPERATING SUPPORT				
24650 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	69,853	69,853	69,853	69,853
24700 BASE OPERATING SUPPORT.....	124,757	124,757	124,757	124,757
24800 TOTAL, BUDGET ACTIVITY 1.....	1,255,731	1,257,231	1,249,731	1,250,931

(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
24850 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES				
24900 ADMINISTRATION AND SERVICEWIDE ACTIVITIES				
24950 ADMINISTRATION.....	3,323	3,323	3,323	3,323
25000 MILITARY MANPOWER & PERSONNEL.....	13,897	13,897	13,897	13,897
25050 SERVICEWIDE COMMUNICATIONS.....	1,957	1,957	1,957	1,957
25160 ACQUISITION AND PROGRAM MANAGEMENT.....	3,593	3,593	3,593	3,593
25250 TOTAL, BUDGET ACTIVITY 4.....	22,770	22,770	22,770	22,770
=====				
25500 TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE.....	1,278,501	1,280,001	1,272,501	1,273,701
=====				

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

O-1	Budget Request	House	Senate	Recommendation
<b>1A5A AIRCRAFT DEPOT MAINTENANCE</b>	<b>125,004</b>	<b>126,504</b>	<b>125,004</b>	<b>126,204</b>
Developing and Testing Environmentally Safe Decontaminating Agents for Bio-defense, Biomedical, and Environmental Use		1,500		1,200
<b>1C6C COMBAT SUPPORT FORCES</b>	<b>142,924</b>	<b>142,924</b>	<b>136,924</b>	<b>136,924</b>
Reduce Program Growth for NECC Based on Historical Availability of Execution Year Adjustments			-6,000	-6,000

# OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

For Operation and Maintenance, Marine Corps Reserve, funds are to  
be available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>26000 OPERATION AND MAINTENANCE, MARINE CORPS RESERVE</b>				
<b>26050 BUDGET ACTIVITY 1: OPERATING FORCES</b>				
<b>26100 EXPEDITIONARY FORCES</b>				
26150 OPERATING FORCES.....	61,117	61,117	61,117	61,117
26200 DEPOT MAINTENANCE.....	13,217	13,217	13,217	13,217
26250 TRAINING SUPPORT.....	29,373	29,373	29,373	29,373
26300 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	25,466	25,466	25,466	25,466
26350 BASE OPERATING SUPPORT.....	73,899	73,899	71,899	71,899
<b>26400 TOTAL, BUDGET ACTIVITY 1.....</b>	<b>203,072</b>	<b>203,072</b>	<b>201,072</b>	<b>201,072</b>
<b>26450 BUDGET ACTIVITY 4: ADMIN &amp; SERVICEWIDE ACTIVITIES</b>				
<b>26500 ADMINISTRATION AND SERVICEWIDE ACTIVITIES</b>				
26550 SPECIAL SUPPORT.....	5,639	5,639	5,639	5,639
26600 SERVICEWIDE TRANSPORTATION.....	818	818	818	818
26650 ADMINISTRATION.....	10,642	10,642	10,642	10,642
26700 RECRUITING AND ADVERTISING.....	8,754	8,754	8,754	8,754
<b>26800 TOTAL, BUDGET ACTIVITY 4.....</b>	<b>25,853</b>	<b>25,853</b>	<b>25,853</b>	<b>25,853</b>
26830 UNDISTRIBUTED REDUCTION DUE TO HISTORIC R&M MIGRATION.	---	---	-7,500	---
26835 UNDISTRIBUTED REDUCTION DUE TO HISTORIC UNDEREXECUTION	---	---	---	-3,750
<b>27000 TOTAL, OPERATION &amp; MAINTENANCE, MARINE CORPS RESERVE</b>	<b>228,925</b>	<b>228,925</b>	<b>219,425</b>	<b>223,175</b>

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

<b>O-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>73,899</b>	<b>73,899</b>	<b>71,899</b>	<b>71,899</b>
Environmental Program Decrease not Properly Accounted for			-2,000	-2,000
Undistributed Reduction Due to Historic R&M Migration			-7,500	
Undistributed Reduction Due to Historic Underexecution				-3,750

# OPERATION AND MAINTENANCE, AIR FORCE RESERVE

For Operation and Maintenance, Air Force Reserve, funds are to be available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
28000 OPERATION AND MAINTENANCE, AIR FORCE RESERVE				
28050 BUDGET ACTIVITY 1: OPERATING FORCES				
28100 AIR OPERATIONS				
28150 PRIMARY COMBAT FORCES.....	2,049,303	2,049,303	2,077,463	2,077,463
28200 MISSION SUPPORT OPERATIONS.....	121,417	121,417	121,417	121,417
28250 DEPOT MAINTENANCE.....	441,958	441,958	486,270	486,270
28300 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	78,763	78,763	78,763	78,763
28350 BASE OPERATING SUPPORT.....	258,091	258,091	255,091	255,091
28400 TOTAL, BUDGET ACTIVITY 1.....	2,949,532	2,949,532	3,019,004	3,019,004
28450 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES				
28500 ADMINISTRATION AND SERVICEWIDE ACTIVITIES				
28550 ADMINISTRATION.....	77,476	77,476	77,476	77,476
28600 RECRUITING AND ADVERTISING.....	24,553	24,553	24,553	24,553
28650 MILITARY MANPOWER AND PERSONNEL MANAGEMENT.....	20,838	20,838	20,838	20,838
28700 OTHER PERSONNEL SUPPORT.....	6,121	6,121	6,121	6,121
28750 AUDIOVISUAL.....	708	708	708	708
28800 TOTAL, BUDGET ACTIVITY 4.....	129,696	129,696	129,696	129,696
28940 REMOVAL OF ONE-TIME CONGRESSIONAL INCREASES AND				
28945 UNDISTRIBUTED REDUCTION DUE TO HISTORIC R&M MIGRATION.	---	---	-63,000	---
28950 UNDISTRIBUTED REDUCTION DUE TO HISTORIC UNDEREXECUTION	---	---	---	-17,500
29000 TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE.	3,079,228	3,079,228	3,085,700	3,131,200

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

O-1	Budget Request	House	Senate	Recommendation
<b>011A PRIMARY COMBAT FORCES</b>	<b>2,049,303</b>	<b>2,049,303</b>	<b>2,077,463</b>	<b>2,077,463</b>
Consolidation of the B-52 Field Training Unit under AFRC (Transferred from O&M, Air Force)			28,160	28,160
<b>011M DEPOT MAINTENANCE</b>	<b>441,958</b>	<b>441,958</b>	<b>486,270</b>	<b>486,270</b>
Consolidation of the B-52 Field Training Unit under AFRC (Transferred from O&M, Air Force)			44,312	44,312
<b>011Z BASE SUPPORT</b>	<b>258,091</b>	<b>258,091</b>	<b>255,091</b>	<b>255,091</b>
Environmental Decrease not Accounted for In Budget Justification			-3,000	-3,000
Undistributed Reduction Due to Historic R&M Migration			-63,000	
Undistributed Reduction Due to Historic Underexecution				-17,500

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# OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

For Operation and Maintenance, Army National Guard, funds are to  
be available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
30000 OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD				
30050 BUDGET ACTIVITY 1: OPERATING FORCES				
30100 LAND FORCES				
30150 MANEUVER UNITS.....	876,269	876,269	876,269	876,269
30200 MODULAR SUPPORT BRIGADES.....	173,843	173,843	173,843	173,843
30250 ECHELONS ABOVE BRIGADE.....	615,160	615,160	612,160	612,160
30300 THEATER LEVEL ASSETS.....	253,997	253,997	253,197	253,197
30350 LAND FORCES OPERATIONS SUPPORT.....	34,441	59,941	25,441	29,941
30400 AVIATION ASSETS.....	819,031	823,781	821,031	824,431
30450 LAND FORCES READINESS				
30500 FORCE READINESS OPERATIONS SUPPORT.....	436,799	442,107	417,999	433,785
30550 LAND FORCES SYSTEMS READINESS.....	99,757	114,843	97,757	107,701
30600 LAND FORCES DEPOT MAINTENANCE.....	379,646	379,646	395,646	395,646
30650 LAND FORCES READINESS SUPPORT				
30700 BASE OPERATIONS SUPPORT.....	798,343	824,343	776,443	801,943
30750 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	580,171	595,920	580,271	592,820
30800 MANAGEMENT AND OPERATIONAL HEADQUARTERS.....	573,452	573,452	570,652	570,652
30850 MISCELLANEOUS ACTIVITIES.....	---	4,200	---	---
31000 TOTAL, BUDGET ACTIVITY 1.....	5,640,909	5,737,502	5,600,709	5,672,388

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
31050 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES				
31100 ADMINISTRATION AND SERVICEWIDE ACTIVITIES				
31150 ADMINISTRATION.....	119,186	119,186	121,386	120,386
31200 SERVICEWIDE COMMUNICATIONS.....	48,020	48,020	48,020	48,020
31250 MANPOWER MANAGEMENT.....	7,920	7,920	7,920	7,920
31300 RECRUITING AND ADVERTISING.....	440,999	440,999	245,999	440,999
31350 TOTAL, BUDGET ACTIVITY 4.....	616,125	616,125	423,325	617,325
31997 UNDISTRIBUTED REDUCTION DUE TO HISTORIC R&M MIGRATION.	---	---	-35,000	---
31998 UNDISTRIBUTED REDUCTION DUE TO HISTORIC UNDEREXECUTION	---	---	---	-35,000
31999 UNDISTRIBUTED REDUCTION DUE TO HISTORIC R&A MIGRATION.	---	---	---	-65,000
=====				
32000 TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD.	6,257,034	6,353,627	5,989,034	6,189,713
=====				

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

O-1	Budget Request	House	Senate	Recommendation
<b>113 ECHELONS ABOVE BRIGADE</b>	<b>615,160</b>	<b>615,160</b>	<b>612,160</b>	<b>612,160</b>
Removal of one-time fiscal year 2009 Congressional Increases			-3,000	-3,000
<b>114 THEATER LEVEL ASSETS</b>	<b>253,997</b>	<b>253,997</b>	<b>253,197</b>	<b>253,197</b>
Removal of one-time fiscal year 2009 Congressional Increases			-800	-800
<b>115 LAND FORCES OPERATIONS SUPPORT</b>	<b>34,441</b>	<b>59,941</b>	<b>25,441</b>	<b>29,941</b>
High-Mobility Multipurpose Wheeled Vehicle Repair (Transferred to line number 123)		20,000		0
WMD Civil Support Team for New York		500		500
Multi-Jurisdictional Counter-Drug Task Force Training		3,500		2,800
National Guard Civil Support Team/CBRNE Enhanced Response Force Package		1,500		1,200
Removal of one-time fiscal year 2009 Congressional Increases			-11,000	-11,000
Marksmanship Skills Trainer			2,000	2,000
<b>116 AVIATION ASSETS</b>	<b>819,031</b>	<b>823,781</b>	<b>821,031</b>	<b>824,431</b>
Joint Command Vehicle and Supporting C3 System		2,250		1,800
UH-60 Leak Proof Drip Pans		2,500		2,000
Tools for Maintenance Conversion			2,000	1,600
<b>121 FORCE READINESS OPERATIONS SUPPORT</b>	<b>436,799</b>	<b>442,107</b>	<b>417,999</b>	<b>433,785</b>
WMD Multi-Sensor Response and Infrastructure Project System		2,000		1,600
WMD Civil Support Team for Florida		2,000		2,000
Training Aid Suite for Vermont NG Training Sites		1,308		1,046
Removal of one-time fiscal year 2009 Congressional Increases			-28,700	-28,700
Family Readiness Support Assistance - Transfer to OCO			-14,700	
ARNG Battery Modernization Program			2,000	1,600
Colorado National Guard Reintegration Program			1,000	1,000
Expandable Light Air Mobility Shelters (ELAMS) and Contingency Response Communications System (CRCS) - Illinois National Guard (ILNG) (Transferred to Other Procurement, Army line number 142)			2,000	
Full Cycle Deployment Support Pilot Program (Transferred from line number 135)			4,000	3,200
Joint Interagency Training and Education Center			5,600	5,600
National Guard and First Responder Resiliency Training			1,500	1,500
North Carolina National Guard Family Assistance Centers			1,600	1,280
Oregon National Guard Reintegration Program (Transferred from line number 135)			400	960
Re-establishing Ties: The Road from Warrior to the Community			3,000	3,000
Vermont National Guard Family Assistance Centers			500	500
Vermont Service Member, Veteran, and Family Member Outreach, Readiness, and Reintegration Program			3,000	2,400

O-1	Budget Request	House	Senate Recommendation	
<b>122 LAND FORCES SYSTEMS READINESS</b>	<b>99,757</b>	<b>114,843</b>	<b>97,757</b>	<b>107,701</b>
Florida Army National Guard Future Soldier Trainer		3,000		2,400
Program Increase - Compliance with Joint Staff J-8 Guidance - Implementation of Communications Process Refinement		3,000		2,000
Regional Geospatial Service Centers		2,156	2,000	2,000
Vermont Army National Guard Security Upgrades		930		744
Advanced Law Enforcement Rapid Response Training		1,000		800
Army National Guard M939A2 Repower Program		5,000		4,000
Removal of one-time fiscal year 2009 Congressional Increases			-4,000	-4,000
<b>123 LAND FORCES DEPOT MAINTENANCE</b>	<b>379,646</b>	<b>379,646</b>	<b>395,646</b>	<b>395,646</b>
Removal of One-Time fiscal year 2009 Congressional Increases			-4,000	-4,000
High-Mobility Multipurpose Wheeled Vehicle Repair (Transferred from line number 115)			20,000	20,000
<b>131 BASE OPERATIONS SUPPORT</b>	<b>798,343</b>	<b>824,343</b>	<b>776,443</b>	<b>801,943</b>
Minnesota National Guard Beyond the Yellow Ribbon Reintegration Program		2,000	2,000	2,000
Advanced Trauma Training Course for the Illinois National Guard		2,500		2,000
Trauma Response Simulation Training (Transferred to RDT&E, Army line number 30)		1,500		
Family Assistance Centers/National Guard Reintegration		20,000		10,000
Removal of one-time fiscal year 2009 Congressional Increases			-12,000	-12,000
Installation Services - Transfer to OCO			-13,900	
Supplemental Child Care Support for Families of Deployed Vermont Reserve Component			2,000	1,600
<b>FACILITIES SUSTAINMENT, RESTORATION, &amp; MODERNIZATION</b>	<b>580,171</b>	<b>595,920</b>	<b>580,271</b>	<b>592,820</b>
Camp Ethan Allen Training Site Road Equipment		300		300
CID Equipment		449		449
Program Increase - Facility Maintenance		15,000		12,000
Removal of one-time fiscal year 2009 Congressional Increases			-2,400	-2,400
Repair of Military Asset Storage Facilities			2,500	2,300
<b>133 MANAGEMENT AND OPERATIONAL HQ</b>	<b>573,452</b>	<b>573,452</b>	<b>570,652</b>	<b>570,652</b>
Removal of one-time fiscal year 2009 Congressional Increases			-2,800	-2,800
<b>135 ADDITIONAL ACTIVITIES</b>		<b>4,200</b>		<b>0</b>
Full Cycle Deployment Support Pilot Program (Transferred to line number 121)		3,000		
Yellow Ribbon Project - Oregon National Guard Reintegration Program (Transferred to line number 121)		1,200		
<b>431 ADMINISTRATION</b>	<b>119,186</b>	<b>119,186</b>	<b>121,386</b>	<b>120,386</b>
Removal of one-time FY 2009 Congressional Increases			-2,800	-2,800
Army National Guard Unit History Records			5,000	4,000

O-1	Budget Request	House	Senate	Recommendation
434 RECRUITING AND ADVERTISING	440,999	440,999	245,999	440,999
Recruiting and Advertising - Transfer to OCO			-100,000	
Unjustified Program Growth - Transferred to Undistributed Reductions			-95,000	
Undistributed Reduction Due to Historic R&M Migration			-35,000	
Undistributed Reduction Due to Historic Underexecution				-35,000
Unjustified Program Growth - Transferred from SAG 434				-65,000

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ARMY NATIONAL GUARD RECRUITING AND ADVERTISING

The Senate reduced funding to Sub-activity Group 434, Other Personnel Support, based on unjustified growth in recruiting and advertising between fiscal year 2009 and fiscal year 2010. Since the time of that proposed reduction, the Army National Guard has adequately justified the budget request for recruiting and advertising. The reason for the skewed original analysis was attributed to the amount of funding the Army National Guard realigns into Sub-activity Group 434 in the year of execution. In fiscal years 2007-2009, the Army National Guard realigned between \$100,000,000 and \$200,000,000 each year into recruiting and advertising. Because the Army National Guard has had flexibility to move a large amount of funding in the past, the recommendation includes an undistributed reduction to Operation and Maintenance, Army National Guard due to the migration of funds from other sources into recruiting and advertising. New prior approval reprogramming guidelines for the Army National Guard are addressed in the operation and maintenance overview.

# OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

For Operation and Maintenance, Air National Guard, funds are to be available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>33000 OPERATION AND MAINTENANCE, AIR NATIONAL GUARD</b>				
<b>33050 BUDGET ACTIVITY 1: OPERATING FORCES</b>				
<b>33100 AIR OPERATIONS</b>				
33150 AIRCRAFT OPERATIONS.....	3,347,685	3,348,200	3,347,685	3,348,200
33200 MISSION SUPPORT OPERATIONS.....	779,917	779,917	785,267	784,227
33250 DEPOT MAINTENANCE.....	780,347	780,347	780,347	780,347
33300 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..	302,949	304,949	310,849	311,649
33350 BASE OPERATING SUPPORT.....	606,916	607,381	606,916	607,381
<b>33400 TOTAL, BUDGET ACTIVITY 1.....</b>	<b>5,817,814</b>	<b>5,820,794</b>	<b>5,831,064</b>	<b>5,831,804</b>
<b>33450 BUDGET ACTIVITY 4: ADMIN &amp; SERVICEWIDE ACTIVITIES</b>				
<b>33500 SERVICEWIDE ACTIVITIES</b>				
33550 ADMINISTRATION.....	35,174	35,174	35,174	35,174
33600 RECRUITING AND ADVERTISING.....	32,773	32,773	32,773	32,773
<b>33650 TOTAL, BUDGET ACTIVITY 4.....</b>	<b>67,947</b>	<b>67,947</b>	<b>67,947</b>	<b>67,947</b>
34195 UNDISTRIBUTED REDUCTION DUE TO HISTORIC R&M MIGRATION.	---	---	-42,000	---
34197 UNDISTRIBUTED REDUCTION DUE TO HISTORIC UNDEREXECUTION	---	---	---	-17,500
<b>35000 TOTAL, OPERATION &amp; MAINTENANCE, AIR NATIONAL GUARD..</b>	<b>5,885,761</b>	<b>5,888,741</b>	<b>5,857,011</b>	<b>5,882,251</b>

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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

O-1	Budget Request	House	Senate	Recommendation
<b>011F AIRCRAFT OPERATIONS</b>	<b>3,347,685</b>	<b>3,348,200</b>	<b>3,347,685</b>	<b>3,348,200</b>
Joint Interoperability Coordinated Operations and Training Exercise		515		515
<b>011G MISSION SUPPORT OPERATIONS</b>	<b>779,917</b>	<b>779,917</b>	<b>785,267</b>	<b>784,227</b>
Controlled Humidity Protection for McEntire Joint National Guard Base (SCANG Facilities)			2,700	2,160
Critical Infrastructure Interdependencies Vulnerabilities Assessment (CIIVA) Program			2,500	2,000
Joint Interagency Training and Education Center			150	150
<b>FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>				
<b>011R MODERNIZATION</b>	<b>302,949</b>	<b>304,949</b>	<b>310,849</b>	<b>311,649</b>
190th Air Refueling Wing Squadron Operations Facility		1,000	6,600	6,600
Smoky Hill Range Access Road Improvements		1,000		800
Facility Renovations and Retrofit, 168th Air Refueling Wing			1,300	1,300
<b>011Z BASE SUPPORT</b>	<b>606,916</b>	<b>607,381</b>	<b>606,916</b>	<b>607,381</b>
Force Protection and Training Equipment		465		465
Undistributed Reduction Due to Historic R&M Migration			-42,000	
Undistributed Reduction Due to Historic Underexecution				-17,500

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## 194<sup>TH</sup> REGIONAL SUPPORT WING

In fiscal year 2010, the Air National Guard had planned to eliminate 98 essential billets from the 194th Regional Support Wing. The National Guard Bureau and the Air National Guard 194th Regional Support Wing are currently in negotiations to resolve the matter but have yet to reach final resolution. For this reason, the Secretary of Defense is directed to retain all of the billets that existed in fiscal year 2009 for the remainder of fiscal year 2010. Additionally, the Chief of the Air National Guard is directed to provide a report on the long term plans for those billets that had been proposed for elimination in fiscal year 2010. The report shall be provided to the House and Senate Committees on Appropriations not later than May 15, 2010. The Committees plan to reexamine this issue as part of the fiscal year 2011 budget consideration and urge both the National Guard Bureau and the 194th Regional Support Wing to make a good faith effort to reach a fair and reasonable solution.

OVERSEAS CONTINGENCY OPERATIONS TRANSFER ACCOUNT

For the Overseas Contingency Operations Transfer Account, no funds are provided for fiscal year 2010.

UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES

For the United States Court of Appeals for the Armed Forces, \$13,932,000 is provided for fiscal year 2010.

ENVIRONMENTAL RESTORATION, ARMY

(INCLUDING TRANSFER OF FUNDS)

The recommendation provides \$423,364,000 for Environmental Restoration, Army, instead of \$415,864,000 as proposed by the House and \$430,864,000 as proposed by the Senate.

ENVIRONMENTAL RESTORATION, NAVY

(INCLUDING TRANSFER OF FUNDS)

The recommendation provides \$285,869,000 for Environmental Restoration, Navy, as proposed by both the House and the Senate.

ENVIRONMENTAL RESTORATION, AIR FORCE

(INCLUDING TRANSFER OF FUNDS)

The recommendation provides \$494,276,000 for Environmental Restoration, Air Force, as proposed by both the House and the Senate.

ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

(INCLUDING TRANSFER OF FUNDS)

The recommendation provides \$11,100,000 for Environmental Restoration, Defense-Wide, as proposed by both the House and the Senate.

ENVIRONMENTAL RESTORATION, FORMERLY

USED DEFENSE SITES

(INCLUDING TRANSFER OF FUNDS)

The recommendation provides \$292,700,000 for Environmental Restoration, Formerly Used Defense Sites, instead of \$277,700,000 as proposed by the House and \$307,700,000 as proposed by the Senate. The adjustments to the budget for Environmental Restoration, Formerly Used Defense Sites are shown below:

UXO Remediation .....	\$ 5,000,000
Other Unfunded Requirements .....	20,000,000

OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

For Overseas, Humanitarian, Disaster, and Civic Aid, \$109,869,000 is provided for fiscal year 2010.

COOPERATIVE THREAT REDUCTION ACCOUNT

For the Cooperation Threat Reduction Account, \$424,093,000 is provided for fiscal year 2010.

DEPARTMENT OF DEFENSE ACQUISITION WORKFORCE

DEVELOPMENT FUND

For the Department of Defense Acquisition Workforce Development Fund, \$100,000,000 is provided for fiscal year 2010.

## TITLE III - PROCUREMENT

For Procurement, funds are to be available for fiscal year 2010, as

follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
<b>SUMMARY</b>				
<b>ARMY</b>				
AIRCRAFT.....	5,315,991	5,144,991	5,244,252	5,093,822
MISSILES.....	1,370,109	1,358,609	1,257,053	1,251,053
WEAPONS, TRACKED COMBAT VEHICLES.....	2,451,952	2,681,952	2,310,007	2,335,807
AMMUNITION.....	2,051,895	2,053,395	2,049,995	2,056,115
OTHER.....	9,907,151	9,293,801	9,395,444	8,582,660
	-----	-----	-----	-----
TOTAL, ARMY.....	21,097,098	20,532,748	20,256,751	19,319,457
<b>NAVY</b>				
AIRCRAFT.....	18,378,312	18,325,481	18,079,312	18,643,221
WEAPONS.....	3,453,455	3,226,403	3,446,419	3,357,572
AMMUNITION.....	840,675	794,886	814,015	800,651
SHIPS.....	13,776,867	14,721,532	15,384,600	13,881,532
OTHER.....	5,661,176	5,395,081	5,499,413	5,441,234
MARINE CORPS.....	1,600,638	1,563,743	1,550,080	1,521,505
	-----	-----	-----	-----
TOTAL, NAVY.....	43,711,123	44,027,126	44,773,839	43,645,715
<b>AIR FORCE</b>				
AIRCRAFT.....	11,966,276	11,956,182	13,148,720	13,295,474
MISSILES.....	6,300,728	6,508,359	6,070,344	5,995,544
AMMUNITION.....	822,462	809,941	815,246	801,550
OTHER.....	17,293,141	16,883,791	17,283,800	17,138,239
	-----	-----	-----	-----
TOTAL, AIR FORCE.....	36,382,607	36,158,273	37,318,110	37,230,807
<b>DEFENSE-WIDE</b>				
DEFENSE-WIDE.....	3,984,352	4,036,816	4,017,697	4,050,537
NATIONAL GUARD AND RESERVE EQUIPMENT.....	---	---	1,500,000	---
DEFENSE PRODUCTION ACT PURCHASES.....	38,246	82,846	149,746	150,746
	=====	=====	=====	=====
TOTAL PROCUREMENT.....	105,213,426	104,837,809	108,016,143	104,397,262
	=====	=====	=====	=====

## 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" are congressional interest items for purposes of the Base for Reprogramming Department of Defense form (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount, as specifically addressed in these materials.

### C-130 AVIONICS MODERNIZATION PROGRAM

The recommendation provides no funding in Aircraft Procurement, Air Force for the C-130 Avionics Modernization Program given that the fiscal year 2009 funds have thus far not been put on contract due to a delayed Milestone C decision. Based on these delays, the funding requested for fiscal year 2010 is early to need. The Under Secretary of Defense (Acquisition, Technology, and Logistics) is strongly encouraged to make a decision on the acquisition strategy and proceed expeditiously with the program of record in order to provide this needed capability to Active, Guard, and Reserve C-130 aircraft.

## C-130 FIREFIGHTING CAPABILITY

The Secretary of the Air Force, the Chief of the Air Force Reserve and the Director of the National Guard Bureau, are directed ,within 60 days of enactment of this Act, to create an Integrated Working Group (IWG) in conjunction with the United States Department of Agriculture Forest Service (USDAFS) and the Department of the Interior for the purpose of coordinating the joint use of Federal forest firefighting assets, and, within 90 days after formation of the IWG, to submit a report to the congressional defense committees; the House and Senate Committees on Appropriations, Subcommittees on Interior; the House Energy and Commerce Committee and Senate Energy and Natural Resources Committee, detailing the following:

1. The viability of the Air National Guard, the Air Force Reserve, and the USDAFS to jointly operate a fleet of new C-130s procured for the primary purposes of firefighting duties at the request of the USDAFS, and equipped with the latest proven firefighting technology.
2. Any and all prior analyses done in the past ten years by the Department of the Air Force, the National Guard Bureau or the USDAFS concerning the recapitalization of the national firefighting fleet.

3. A new business case analysis which examines the cost and operational effectiveness of procurement of new C-130 aircraft and joint cooperation between the Department of the Air Force, the National Guard Bureau and the USDAFS for the firefighting mission as compared to the present approach of utilizing the current fleet of aging firefighting aircraft available via commercial operator contracts.

4. Any existing legislative impediments to interagency cooperation and joint operation of a dedicated firefighting fleet by the Department of the Air Force, the National Guard Bureau and the USDAFS.

5. An assessment and accounting of public-private property losses as well as taxpayer expenses spent annually fighting forest and wildfires and how such losses can be mitigated by the described joint firefighting business model with respect to the Department of the Air Force, the National Guard Bureau and the USDAFS.

An interim report shall be submitted to Congress not later than 90 days after enactment of this Act detailing the progress made on the final report.

## NON-INTRUSIVE INSPECTION TECHNOLOGIES

Vehicle and cargo-borne threats to U.S. forward operating bases and unmet requests for fielding non-intrusive inspection (NII) technologies for base access control to detect hidden weapons, explosives and personnel, increase the operating risk for our forces. The Secretary of Defense is directed to prioritize the NII technology needs of the 100 highest-risk bases and submit a schedule for NII technology procurement for these bases to the congressional defense committees not later than 30 days after enactment of this Act.

## JOINT STRIKE FIGHTER

Concerns persist regarding the progress of the F-35 Joint Strike Fighter (JSF) program. Last year, the Department of Defense established a Joint Estimating Team (JET) to evaluate this program. The JET reported that the program would cost significantly more and take longer to fully develop and test than the Department was then projecting. Although the JET has yet to officially report out for 2009, the initial indications are that cost growth and schedule issues remain. Nevertheless, the Department insists that the program is on track to achieve both the cost and schedule currently reflected in the program of record.

Therefore, the JSF procurement program is provided \$6,840,478,000, and the JSF program is designated as a congressional special interest item. The Secretary of Defense is directed to ensure that all 30 aircraft be procured as requested in the budget. The Under Secretary of Defense for Acquisition, Technology and Logistics is directed to provide the findings of the JET along with recent studies on the test program and causes of cost growth to the congressional defense committees no later than January 15, 2010.

#### REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

It is the intent of Congress that the program baseline for reprogramming funds reflects all approved adjustment actions: the initial appropriation as well as any rescissions, supplemental appropriations and approved Department of Defense 1415 reprogrammings. The Secretary of Defense is directed to ensure that financial management regulations incorporate approved reprogramming actions as an adjustment to the base for reprogramming value.

The Department of Defense is directed to continue to follow the reprogramming guidance specified in the report accompanying the House

version of the fiscal year 2006 Department of Defense Appropriations Act (H.R. 109-119). Specifically, the dollar threshold for reprogramming funds will remain at \$20,000,000 for procurement and \$10,000,000 for research, development, test, and evaluation. 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. The percentage change limitation applies to both program increases and decreases.

Additionally, this percentage change applies to the program base value at the time the below threshold movement of funds is executed. These thresholds are cumulative from the base for reprogramming value as modified by any adjustment action. 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 Department of Defense must submit a prior approval reprogramming request to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this report. This guidance is effective for fiscal year 2010 and forward.

## REPROGRAMMING REPORTING REQUIREMENTS

The Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD1416 reports for service and defense-wide accounts in titles III and IV of this Act as required in the statement of the managers accompanying the conference report on the Department of Defense Appropriations Act, 2006.

## FUNDING INCREASES

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

# AIRCRAFT PROCUREMENT, ARMY

For Aircraft Procurement, Army, funds are to be available for fiscal  
year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
AIRCRAFT PROCUREMENT, ARMY				
AIRCRAFT				
FIXED WING				
3 MQ-1 UAV.....	401,364	238,364	401,364	231,364
4 RQ-11 (RAVEN).....	35,008	35,008	35,008	35,008
ROTARY				
HELICOPTER, LIGHT UTILITY (LUH).....				
8 AH-64 APACHE BLOCK III.....	326,040	326,040	326,040	326,040
9 AH-64 APACHE BLOCK III (AP-CY).....	161,280	161,280	161,280	161,280
10 AH-64 APACHE BLOCK III (AP-CY).....	57,890	57,890	57,890	57,890
11 UH-60 BLACKHAWK (MYP).....	1,258,374	1,258,374	1,258,374	1,258,374
12 UH-60 BLACKHAWK (MYP) (AP-CY).....	98,740	98,740	98,740	98,740
13 CH-47 HELICOPTER.....	860,087	847,087	882,087	882,087
14 CH-47 HELICOPTER (AP-CY).....	50,676	50,676	50,676	50,676
15 HELICOPTER NEW TRAINING.....	19,639	19,639	---	---
-----				
TOTAL, AIRCRAFT.....	3,269,098	3,093,098	3,271,459	3,101,459
MODIFICATION OF AIRCRAFT				
16 MQ-1 PAYLOAD - UAS.....	87,424	87,424	87,424	87,424
17 MQ-1 WEAPONIZATION - UAS.....	14,832	14,832	14,832	14,832
18 GUARDRAIL MODS (MIP).....	61,517	61,517	61,517	61,517
19 MULTI SENSOR ABN RECON (MIP).....	21,457	21,457	21,457	21,457
20 AH-64 MODS.....	426,415	429,415	426,415	429,415
22 CH-47 CARGO HELICOPTER MODS.....	102,876	83,876	85,776	87,196
24 UTILITY/CARGO AIRPLANE MODS.....	39,547	39,547	39,547	39,547
25 AIRCRAFT LONG RANGE MODS.....	823	823	823	823
26 UTILITY HELICOPTER MODS.....	66,682	67,682	73,682	88,832
27 KIOWA WARRIOR.....	140,768	140,768	80,768	80,768
28 AIRBORNE AVIONICS.....	241,287	241,287	234,287	234,287
29 GATH ROLLUP.....	103,142	103,142	103,142	103,142
30 RQ-7 UAV MODS.....	283,012	283,012	283,012	283,012

(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
SPARES AND REPAIR PARTS				
31 SPARE PARTS (AIR).....	7,083	7,083	7,083	7,083
-----				
TOTAL, MODIFICATION OF AIRCRAFT.....	1,596,865	1,601,865	1,519,765	1,539,335
-----				
SUPPORT EQUIPMENT AND FACILITIES				
GROUND SUPPORT AVIONICS				
32 AIRCRAFT SURVIVABILITY EQUIPMENT.....	25,975	25,975	25,975	25,975
33 ASE INFRARED CM.....	186,356	186,356	186,356	186,356
OTHER SUPPORT				
34 AVIONICS SUPPORT EQUIPMENT.....	4,933	4,933	4,933	4,933
35 COMMON GROUND EQUIPMENT.....	87,682	87,682	87,682	87,682
36 AIRCREW INTEGRATED SYSTEMS.....	52,725	52,725	55,725	55,725
37 AIR TRAFFIC CONTROL.....	76,999	76,999	76,999	76,999
38 INDUSTRIAL FACILITIES.....	1,533	1,533	1,533	1,533
39 LAUNCHER, 2.75 ROCKET.....	2,716	2,716	2,716	2,716
40 AIRBORNE COMMUNICATIONS.....	11,109	11,109	11,109	11,109
-----				
TOTAL, SUPPORT EQUIPMENT AND FACILITIES.....	450,028	450,028	453,028	453,028
-----				
TOTAL, AIRCRAFT PROCUREMENT, ARMY.....	5,315,991	5,144,991	5,244,252	5,093,822
=====				

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

<b>P-1</b>		<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>3</b>	<b>MQ-1 UAV</b>	<b>401,364</b>	<b>238,364</b>	<b>401,364</b>	<b>231,364</b>
	Funding ahead of need		-163,000		0
	Exceeds production capacity (Transfer from Aircraft Procurement, Army line number 3 Title IX)				-170,000
<b>13</b>	<b>CH-47 HELICOPTER</b>	<b>860,087</b>	<b>847,087</b>	<b>882,087</b>	<b>882,087</b>
	Funding ahead of need		-35,000		0
	Army requested transfer from Aircraft Procurement, Army line number 22		22,000	22,000	22,000
<b>15</b>	<b>HELICOPTER NEW TRAINING</b>	<b>19,639</b>	<b>19,639</b>	<b>0</b>	<b>0</b>
	Unjustified request			-19,639	-19,639
<b>20</b>	<b>AH-64 MODS</b>	<b>426,415</b>	<b>429,415</b>	<b>426,415</b>	<b>429,415</b>
	Vibration Management Enhancement Program		3,000		3,000
<b>22</b>	<b>CH-47 CARGO HELICOPTER MODS</b>	<b>102,876</b>	<b>83,876</b>	<b>85,776</b>	<b>87,196</b>
	CH-47 Helicopter Forward and Aft Hook Project		3,000		2,400
	Army requested transfer to Aircraft Procurement, Army line number 13		-22,000	-22,000	-22,000
	Automatic Identification Technology Life Cycle Asset Management			1,500	1,200
	CH-47F Common Avionics Architecture System-Pilot Vehicle Interface			3,400	2,720
<b>26</b>	<b>UTILITY HELICOPTER MODS</b>	<b>66,682</b>	<b>87,682</b>	<b>73,682</b>	<b>88,832</b>
	Army National Guard UH-60 Rewiring Program		10,000		8,000
	Internal Auxiliary Fuel Tank System		3,000		2,400
	Civil Support Communications Systems for Kentucky Army National Guard UH-60 Aircraft		2,000		1,600
	Program Increase		5,000		3,750
	Forward Looking Infrared Sensors for UH-60				
	Medevac Helicopters for the Minnesota Army National Guard		1,000		800
	Air Filtration Systems for National Guard Helicopters			1,000	800
	UH-72A Integrated Vehicle Management System			2,000	1,600
	Recoil UH-60 Wild Land Fire-Fighting Tank System			4,000	3,200
<b>27</b>	<b>KIOWA WARRIOR</b>	<b>140,768</b>	<b>140,768</b>	<b>80,768</b>	<b>80,768</b>
	Excessive Long Lead Items			-60,000	-60,000
<b>28</b>	<b>AIRBORNE AVIONICS</b>	<b>241,287</b>	<b>241,287</b>	<b>234,287</b>	<b>234,287</b>
	ATCS - reduction to growth			-7,000	-7,000
<b>36</b>	<b>AIRCREW INTEGRATED SYSTEMS</b>	<b>52,725</b>	<b>52,725</b>	<b>55,725</b>	<b>55,725</b>
	Air Warrior Ensemble Generation III			3,000	3,000

# MISSILE PROCUREMENT, ARMY

For Missile Procurement, Army, funds are to be available for fiscal  
year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
MISSILE PROCUREMENT, ARMY				
OTHER MISSILES				
SURFACE-TO-AIR MISSILE SYSTEM				
1	348,351	338,851	348,351	342,351
Patriot System Summary.....				
2	16,406	16,406	---	---
Patriot/MEADS CAP System Summary.....				
AIR-TO-SURFACE MISSILE SYSTEM				
3	72,920	72,920	---	---
Surface-Launched AMRAAM System Summary:.....				
5	31,154	29,154	7,424	7,424
Hellfire Sys Summary.....				
ANTI-TANK/ASSAULT MISSILE SYSTEM				
6	148,649	148,649	148,649	148,649
Javelin (AAWS-M) System Summary.....				
7	108,066	108,066	108,066	108,066
TOW 2 System Summary.....				
8	293,617	293,617	293,617	293,617
Guided MLRS Rocket (GMLRS).....				
9	15,663	15,663	15,663	15,663
MLRS Reduced Range Practice Rockets (RRPR).....				
10	209,061	209,061	209,061	209,061
High Mobility Artillery Rocket System.....				
-----				
TOTAL, OTHER MISSILES.....				
	1,243,887	1,232,387	1,130,831	1,124,831
MODIFICATION OF MISSILES				
MODIFICATIONS				
12	44,775	44,775	44,775	44,775
Patriot Mods.....				
13	6,983	6,983	6,983	6,983
ITAS/TOW Mods.....				
14	3,662	3,662	3,662	3,662
MLRS Mods.....				
15	38,690	38,690	38,690	38,690
HIMARS Modifications.....				
16	10	10	10	10
Hellfire Modifications.....				
-----				
TOTAL, MODIFICATION OF MISSILES.....				
	94,120	94,120	94,120	94,120

(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
SPARES AND REPAIR PARTS				
17 SPARES AND REPAIR PARTS.....	22,338	22,338	22,338	22,338
SUPPORT EQUIPMENT AND FACILITIES				
18 AIR DEFENSE TARGETS.....	4,188	4,188	4,188	4,188
19 ITEMS LESS THAN \$5.0M (MISSILES).....	1,178	1,178	1,178	1,178
20 PRODUCTION BASE SUPPORT.....	4,398	4,398	4,398	4,398
-----				
TOTAL, SUPPORT EQUIPMENT AND FACILITIES.....	9,764	9,764	9,764	9,764
-----				
TOTAL, MISSILE PROCUREMENT, ARMY.....	1,370,109	1,358,609	1,257,053	1,251,053
=====				

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

<b>P-1</b>		<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>1</b>	<b>PATRIOT SYSTEM SUMMARY</b>	<b>348,351</b>	<b>338,851</b>	<b>348,351</b>	<b>342,351</b>
	Unjustified cost growth		-9,500		-6,000
	<b>PATRIOT/MEADS COMBINED AGGREGATE PROGRAM</b>				
<b>2</b>	<b>SYSTEM SUMMARY</b>	<b>16,406</b>	<b>16,406</b>	<b>0</b>	<b>0</b>
	Funding ahead of need			-16,406	-16,406
<b>3</b>	<b>SURFACE-LAUNCHED AMRAAM SYSTEM SUMMARY</b>	<b>72,920</b>	<b>72,920</b>	<b>0</b>	<b>0</b>
	Army program adjustment			-37,920	-27,920
	Transfer to RDT&E, Army line number 102			-35,000	-45,000
<b>5</b>	<b>HELLFIRE SYSTEM SUMMARY</b>	<b>31,154</b>	<b>29,154</b>	<b>7,424</b>	<b>7,424</b>
	Unjustified cost growth		-2,000		0
	Unit cost adjustment			-23,730	-23,730

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**PROCUREMENT OF WEAPONS AND TRACKED COMBAT  
VEHICLES, ARMY**

For Procurement of Weapons and Tracked Combat Vehicles, Army,  
funds are to be available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
PROCUREMENT OF W&TCV, ARMY				
TRACKED COMBAT VEHICLES				
4	388,596	613,596	364,196	363,896
7	285,920	285,920	285,920	285,920
8	42,001	42,001	42,001	42,001
MODIFICATION OF TRACKED COMBAT VEHICLES				
9	34,192	34,192	34,192	34,192
10	526,356	526,356	500,656	526,356
11	96,503	96,503	5,003	5,003
12	96,814	96,814	96,814	96,814
13	63,250	63,250	63,250	63,250
14	70,637	70,637	70,637	70,637
15	183,829	183,829	183,829	183,829
16	185,611	185,611	185,611	185,611
SUPPORT EQUIPMENT AND FACILITIES				
18	6,601	6,601	6,601	6,601
<b>TOTAL, TRACKED COMBAT VEHICLES.....</b>				
	1,980,310	2,205,310	1,838,710	1,864,110

(In thousands of dollars)

	Budget	House	Senate	Recommendation
WEAPONS AND OTHER COMBAT VEHICLES				
19	95,631	95,631	95,631	95,631
20	32,919	32,919	23,519	23,519
21	84,588	84,588	84,588	84,588
22	977	977	977	977
23	7,535	7,535	7,535	7,535
24	7,700	7,700	7,700	7,700
25	14,779	14,779	14,779	14,779
26	224	224	224	224
27	16,023	16,023	16,023	16,023
28	6,223	6,223	6,223	6,223
29	20,500	20,500	20,500	20,500
30	6,945	6,945	---	---
32	3,389	3,389	3,389	3,389
33	49,572	49,572	49,572	49,572
MOD OF WEAPONS AND OTHER COMBAT VEH				
34	8,164	8,164	8,164	8,164
35	31,472	31,472	31,472	31,472
36	7,738	7,738	7,738	7,738
37	7,833	7,833	7,833	7,833
38	17,964	17,964	17,964	17,964
40	25,306	25,306	25,306	25,306
41	4,186	4,186	4,186	4,186
42	6,164	6,164	6,164	8,564
SUPPORT EQUIPMENT AND FACILITIES				
43	551	551	551	551
44	9,855	11,855	25,855	23,855
45	392	3,392	392	392
46	5,012	5,012	5,012	5,012
-----				
TOTAL, WEAPONS AND OTHER COMBAT VEHICLES.....	471,642	476,642	471,297	471,697
-----				
TOTAL, PROCUREMENT OF W&TCV, ARMY.....	2,451,952	2,681,952	2,310,007	2,335,807
=====				

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

<b>P-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>4 STRYKER VEHICLE</b>	<b>388,596</b>	<b>613,596</b>	<b>364,196</b>	<b>363,896</b>
Excessive program management support costs		-25,000	-24,400	-24,700
Additional Stryker Vehicles and production base sustainment (Transferred to WTCV, Army line number 4 Title IX)		250,000		0
<b>10 BRADLEY PROGRAM (MOD)</b>	<b>526,356</b>	<b>526,356</b>	<b>500,656</b>	<b>526,356</b>
Excessive program support costs			-25,700	0
<b>11 HOWITZER, MED SP FT 155MM M109A6 (MOD)</b>	<b>96,503</b>	<b>96,503</b>	<b>5,003</b>	<b>5,003</b>
Army requested transfer to RDT&E, Army line number 114			-91,500	-91,500
<b>20 M240 MEDIUM MACHINE GUN (7.62MM)</b>	<b>32,919</b>	<b>32,919</b>	<b>23,519</b>	<b>23,519</b>
Delayed contract award			-9,400	-9,400
<b>30 SHOTGUN, MODULAR ACCESSORY SYSTEM (MASS)</b>	<b>6,945</b>	<b>6,945</b>	<b>0</b>	<b>0</b>
Delayed contract award			-6,945	-6,945
<b>42 MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)</b>	<b>6,164</b>	<b>6,164</b>	<b>6,164</b>	<b>8,564</b>
M24 Sniper Weapons System Upgrade (Transferred from O&M, Army line number 424)				2,400
<b>44 PRODUCTION BASE SUPPORT (WOCV-WTCV)</b>	<b>9,855</b>	<b>11,855</b>	<b>25,855</b>	<b>23,855</b>
Arsenal Support Program Initiative at Rock Island Arsenal		2,000	8,000	7,600
Arsenal Support Program Initiative at Watervliet Arsenal (Includes transfer from line number 45)			8,000	6,400
<b>45 INDUSTRIAL PREPAREDNESS</b>	<b>392</b>	<b>3,392</b>	<b>392</b>	<b>392</b>
Arsenal Support Program Initiative (Transferred to line number 44)		3,000		0

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## BRADLEY FIGHTING VEHICLE

The various versions of the Bradley Fighting Vehicle family have continued to provide excellent performance in combat operations. The Bradleys have assumed a heavy workload in Iraq and have achieved survivability goals second only to the M1 Abrams Tank. However, there are concerns that the termination of the Future Combat Systems manned ground vehicles has created considerable uncertainty regarding the current Bradley. Congress has been consistent in its strong support for robust Bradley programs, providing \$784,600,000 for Bradley reset and remanufacture in the Supplemental Appropriations Act, 2009. The Army is strongly urged to sustain the Bradley industrial base by accomplishing vehicle restoration and reset efforts to the zero hours, zero miles standard plus survivability upgrades.

The recommendation fully supports the fiscal year 2010 budget request for Bradley modifications of \$526,356,000 in base budget funding, plus \$243,600,000 for overseas contingency operations, for a total of \$769,956,000. The Army is expected to apply the funding to sustain the Bradley industrial base, continue upgrades of Bradley Operation Desert Storm (ODS) variants to the ODS Situational Awareness variant, and reset Bradley Fighting Vehicles to the zero hours, zero miles standard, plus

survivability enhancements. The Army is encouraged to include Bradley Fighting Vehicles from prepositioned equipment sets in the rotation through the reset and remanufacture program.

It is understood that the Army's M-113 divestiture decision will affect approximately 4,100 M-113 type vehicles, including ambulance, mortar, command post and fire support variants. Strong consideration should be given to replacing these vehicles in the Heavy Brigade Combat Teams with a Bradley-based vehicle to leverage the Bradley's track record of proven performance as well as the existing logistics support.

There is a disparity in digital data management between the engineer units in certain Heavy Brigade Combat Teams and the infantry and tank units that they support. The digital brigades have digital Abrams Tanks, matched with digital A3 Bradleys, but the engineers have non-digital Bradley ODS variants, which limits the engineers' ability to be fully integrated into the information network. The Army is urged to procure Bradley A3 variants with digital configuration for engineer units in heavy brigades that have the Bradley A3 and M1A2 System Enhancement Package Abrams tank.

Added survivability enhancements and other improvements have increased the weight of the Bradley Fighting Vehicle and adversely

impacted some aspects of performance. The Army is expected to give strong consideration to Space, Weight, and Power improvements with the funds provided in Research, Development, Test and Evaluation, Army and to incorporate these improvements into the fleet at the earliest opportunity.

In addition, the recommendation fully supports the Army's M109 Paladin Howitzer/Field Artillery Ammunition Resupply Vehicle Integrated Management (PIM) program for fiscal year 2010, including a transfer of \$91,500,000 from the procurement request to the Research, Development, Test and Evaluation, Army appropriation. The Vietnam-era M109 Paladin self-propelled howitzer requires major upgrades in mobility, maintainability and reliability and the PIM program, which incorporated an upgraded turret and fire control system with a Bradley Fighting Vehicle chassis, offers vast improvements in mobility and fire support. The Army is urged to move ahead promptly with the Paladin PIM program.

# PROCUREMENT OF AMMUNITION, ARMY

For Procurement of Ammunition, Army, funds are to be available for  
fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation	
-----					
PROCUREMENT OF AMMUNITION, ARMY					
AMMUNITION					
SMALL/MEDIUM CAL AMMUNITION					
1	CTG, 5.56MM, ALL TYPES.....	207,752	207,752	207,752	207,752
2	CTG, 7.62MM, ALL TYPES.....	77,602	77,602	77,602	77,602
3	CTG, HANDGUN, ALL TYPES.....	5,120	5,120	5,120	5,120
4	CTG, .50 CAL, ALL TYPES.....	162,342	162,342	162,342	162,342
5	CTG, 25MM, ALL TYPES.....	17,054	17,054	17,054	17,054
6	CTG, 30MM, ALL TYPES.....	96,572	86,572	96,572	94,572
7	CTG, 40MM, ALL TYPES.....	172,675	172,675	176,675	176,675
MORTAR AMMUNITION					
8	60MM MORTAR, ALL TYPES.....	23,607	27,607	23,607	26,807
9	81MM MORTAR, ALL TYPES.....	28,719	28,719	28,719	28,719
10	CTG, MORTAR, 120MM, ALL TYPES.....	104,961	104,961	110,161	109,161
TANK AMMUNITION					
11	CTG TANK 105MM: ALL TYPES.....	7,741	7,741	7,741	7,741
12	CTG, TANK, 120MM, ALL TYPES.....	113,483	113,483	113,483	113,483
ARTILLERY AMMUNITION					
13	CTG, ARTY, 75MM: ALL TYPES.....	5,229	5,229	5,229	5,229
14	CTG, ARTY, 105MM: ALL TYPES.....	90,726	75,726	90,726	85,726
15	CTG, ARTY, 155MM, ALL TYPES.....	54,546	54,546	63,546	61,746
16	PROJ 155MM EXTENDED RANGE XM982.....	62,292	62,292	62,292	62,292
17	MODULAR ARTILLERY CHARGE SYSTEM (MACS), ALL T.....	33,441	33,441	25,441	27,441

	Budget	House	Senate	Recommendation
-----				
ARTILLERY FUZES				
18 ARTILLERY FUZES, ALL TYPES.....	19,870	19,870	19,870	19,870
MINES				
19 MINES, ALL TYPES.....	815	815	815	815
21 ANTIPERSONNEL LANDMINE ALTERNATIVES.....	56,387	56,387	56,387	56,387
22 INTELLIGENT MUNITIONS SYSTEM (IMS), ALL TYPES.....	19,507	19,507	19,507	19,507
ROCKETS				
23 SHOULDER LAUNCHED MUNITIONS, ALL TYPES.....	45,302	45,302	40,302	42,802
24 ROCKET, HYDRA 70, ALL TYPES.....	99,904	99,904	99,904	99,904
OTHER AMMUNITION				
25 DEMOLITION MUNITIONS, ALL TYPES.....	18,793	27,793	18,793	18,793
26 GRENADES, ALL TYPES.....	49,910	49,910	49,910	49,910
27 SIGNALS, ALL TYPES.....	83,094	83,094	71,094	71,094
28 SIMULATORS, ALL TYPES.....	12,081	12,081	12,081	12,081
MISCELLANEOUS				
29 AMMO COMPONENTS, ALL TYPES.....	17,968	17,968	17,968	17,968
30 NON-LETHAL AMMUNITION, ALL TYPES.....	7,378	7,378	7,378	7,378
31 CAD/PAD ALL TYPES.....	3,353	3,353	3,353	3,353
32 ITEMS LESS THAN \$5 MILLION.....	8,826	8,826	8,826	8,826
33 AMMUNITION PECULIAR EQUIPMENT.....	11,187	14,187	16,087	17,507
34 FIRST DESTINATION TRANSPORTATION (AMMO).....	14,354	14,354	14,354	14,354
35 CLOSEOUT LIABILITIES.....	99	99	99	99
-----				
TOTAL, AMMUNITION.....	1,732,690	1,723,690	1,730,790	1,730,110
AMMUNITION PRODUCTION BASE SUPPORT				
PRODUCTION BASE SUPPORT				
36 PROVISION OF INDUSTRIAL FACILITIES.....	151,943	162,443	151,943	158,743
37 LAYAWAY OF INDUSTRIAL FACILITIES.....	9,529	9,529	9,529	9,529
38 MAINTENANCE OF INACTIVE FACILITIES.....	8,772	8,772	8,772	8,772
39 CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL.....	145,777	145,777	145,777	145,777
40 ARMS INITIATIVE.....	3,184	3,184	3,184	3,184
-----				
TOTAL, AMMUNITION PRODUCTION BASE SUPPORT.....	319,205	329,705	319,205	326,005
-----				
TOTAL, PROCUREMENT OF AMMUNITION, ARMY.....	2,051,895	2,053,395	2,049,995	2,056,115
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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

<b>P-1</b>		<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>6</b>	<b>CTG, 30MM, ALL TYPES</b> Unjustified program growth	<b>96,572</b>	<b>86,572</b> -10,000	<b>96,572</b>	<b>94,572</b> -2,000
<b>7</b>	<b>CTG, 40MM, ALL TYPES</b> 40mm Tactical All Types Mortar Round	<b>172,675</b>	<b>172,675</b>	<b>176,675</b> 4,000	<b>176,675</b> 4,000
<b>8</b>	<b>60MM MORTAR, ALL TYPES</b> M722 60mm White Phosphorus Smoke Mortar M721 60mm Illuminating Mortar	<b>23,607</b>	<b>27,607</b> 2,000 2,000	<b>23,607</b>	<b>26,807</b> 1,600 1,600
<b>10</b>	<b>CTG, MORTAR, 120MM, ALL TYPES</b> CTG, Mortar, 120mm, Illum	<b>104,961</b>	<b>104,961</b>	<b>110,161</b> 5,200	<b>109,161</b> 4,200
<b>14</b>	<b>CTG, ARTY, 105MM: ALL TYPES</b> Unjustified program growth	<b>90,726</b>	<b>75,726</b> -15,000	<b>90,726</b>	<b>85,726</b> -5,000
<b>15</b>	<b>CTG, ARTY, 155MM, ALL TYPES</b> CTG, Artillery, 155mm Illum	<b>54,546</b>	<b>54,546</b>	<b>63,546</b> 9,000	<b>61,746</b> 7,200
<b>17</b>	<b>MODULAR ARTILLERY CHARGE SYSTEM (MACS), ALL</b> General Reduction	<b>33,441</b>	<b>33,441</b>	<b>25,441</b> -8,000	<b>27,441</b> -6,000
<b>23</b>	<b>SHOULDER LAUNCHED MUNITIONS, ALL TYPES</b> General Reduction	<b>45,302</b>	<b>45,302</b>	<b>40,302</b> -5,000	<b>42,802</b> -2,500
<b>25</b>	<b>DEMOLITION MUNITIONS, ALL TYPES</b> Magneto Inductive Remote Activation Munitions System (MI-RAMS) M156/M39 Kits and M40 Receivers (Transferred to Other Procurement, Army line number 136)	<b>18,793</b>	<b>27,793</b> 9,000	<b>18,793</b>	<b>18,793</b> 0
<b>27</b>	<b>SIGNALS, ALL TYPES</b> General Reduction	<b>83,094</b>	<b>83,094</b>	<b>71,094</b> -12,000	<b>71,094</b> -12,000
<b>33</b>	<b>AMMUNITION PECULIAR EQUIPMENT</b> Blue Grass Army Depot Supercritical Water Oxidation- Conventional Demil Blue Grass Army Depot Equipment	<b>11,187</b>	<b>14,187</b> 3,000	<b>16,087</b> 4,900	<b>17,507</b> 3,920 2,400
<b>36</b>	<b>PROVISION OF INDUSTRIAL FACILITIES</b> Bombline Modernization (Transferred to Procurement of Ammunition, Air Force line number 4) Ammunition Production Base Support (Scranton Army Ammunition Plant) Small Caliber Ammunition Production Modernization	<b>151,943</b>	<b>162,443</b> 2,000 3,500 5,000	<b>151,943</b>	<b>158,743</b> 0 2,800 4,000

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## AMMUNITION FACILITIES AND EQUIPMENT

The Army is planning to transfer or consolidate government-owned ammunition assets to private ammunition manufacturers. In order to ensure a comprehensive understanding of these plans, the Secretary of the Army is directed to provide a report to the congressional defense committees not later than 60 days after enactment of this Act on any plans to consolidate government-owned ammunition production assets or to transfer by sale, lease, loan or donation government-owned ammunition production equipment or facilities to a private ammunition manufacturer. The report shall include the Secretary of the Army's assessment of the following: a cost-benefit risk analysis for consolidating or transferring government-owned ammunition production equipment or facilities to private ammunition manufacturers, including cost-savings comparisons; a projection of the impact on the ammunition production industrial base in the United States of consolidating or transferring such equipment or facilities to private ammunition manufacturers; a projection of the capability to meet current and future ammunition production requirements by both government-owned and private ammunition manufacturers, as well as a combination of the two sources of production assets; and the potential impact on national security and military readiness.

Furthermore, if additional consolidation or transfers are required during fiscal year 2010 and are not addressed in the report submitted to the congressional defense committees, the Secretary of the Army is directed to certify to the congressional defense committees that the transfer or consolidation will not increase the cost of ammunition procurement or negatively impact national security, military readiness, government ammunition production or the United States ammunition production industrial base.

Finally, there is an existing contract to operate the Milan and Iowa Army Ammunition Plants (AAP) that would transform, at the contractor's expense, the Iowa AAP into a Joint Munitions Load, Assemble and Pack facility and transform the Milan AAP into a Logistics Center of Excellence/Joint Munitions Storage and Distribution Center by 2011. The Secretary of the Army is directed to notify the congressional defense committees not later than 30 days prior to any modification to this contract. In addition, the Government Accountability Office (GAO) is directed to conduct an audit on the amount and sources of funds used in furtherance of this contract.

# OTHER PROCUREMENT, ARMY

For Other Procurement, Army, funds are to be available for fiscal year

2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
OTHER PROCUREMENT, ARMY				
TACTICAL AND SUPPORT VEHICLES				
TACTICAL VEHICLES				
1 TACTICAL TRAILERS/DOLLY SETS.....	95,893	95,893	95,893	95,893
2 SEMITRAILERS, FLATBED:.....	20,870	20,870	20,870	20,870
3 SEMITRAILERS, TANKERS.....	13,217	13,217	13,217	13,217
4 HI MOB MULTI-PURP WHLD VEH (HMMWV).....	281,123	281,123	282,323	282,083
5 FAMILY OF MEDIUM TACTICAL VEH (FMTV).....	1,158,522	965,522	1,033,522	497,822
6 FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN.....	17,575	17,575	17,575	17,575
7 FAMILY OF HEAVY TACTICAL VEHICLES (FHTV).....	812,918	786,566	812,918	612,918
8 PLS ESP.....	18,973	18,973	18,973	18,973
9 ARMORED SECURITY VEHICLES (ASV).....	136,605	136,605	136,605	136,605
10 MINE PROTECTION VEHICLE FAMILY.....	402,517	267,797	325,517	279,197
12 TRUCK, TRACTOR, LINE HAUL, M915/M916.....	74,703	74,703	74,703	74,703
13 HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV.....	180,793	180,793	170,593	170,593
14 HMMWV RECAPITALIZATION PROGRAM.....	2,904	2,904	2,904	2,904
15 MODIFICATION OF IN SVC EQUIP.....	10,314	10,314	---	2,314
16 ITEMS LESS THAN \$5.0M (TAC VEH).....	298	298	5,898	4,778
17 TOWING DEVICE-FIFTH WHEEL.....	414	1,114	414	974
NON-TACTICAL VEHICLES				
18 HEAVY ARMORED SEDAN.....	1,980	1,980	1,980	1,980
19 PASSENGER CARRYING VEHICLES.....	269	269	---	---
20 NONTACTICAL VEHICLES, OTHER.....	3,052	5,052	3,052	3,052
<b>TOTAL, TACTICAL AND SUPPORT VEHICLES.....</b>	<b>3,232,940</b>	<b>2,881,568</b>	<b>3,016,957</b>	<b>2,236,451</b>

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(In thousands of dollars)

	Budget	House	Senate	Recommendation	
COMMUNICATIONS AND ELECTRONICS EQUIPMENT					
COMM - JOINT COMMUNICATIONS					
22	JOINT COMBAT IDENTIFICATION MARKING SYSTEM.....	11,868	11,868	11,868	11,868
23	WIN-T - GROUND FORCES TACTICAL NETWORK.....	544,202	544,202	544,202	544,202
24	JCSE EQUIPMENT (USREDCOM).....	4,868	4,868	4,868	4,868
COMM - SATELLITE COMMUNICATIONS					
25	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS.....	145,108	145,108	145,108	145,108
26	SHF TERM.....	90,918	90,918	94,918	94,118
27	SAT TERM, EMUT (SPACE).....	653	653	653	653
28	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE).....	72,735	72,735	72,735	72,735
29	SMART-T (SPACE).....	61,116	61,116	61,116	61,116
30	SCAMP (SPACE).....	1,834	1,834	1,834	1,834
31	GLOBAL BRDCST SVC - GBS.....	6,849	6,849	6,849	6,849
32	MOD OF IN-SVC EQUIP (TAC SAT).....	2,862	2,862	2,862	2,862
COMM - C3 SYSTEM					
33	ARMY GLOBAL CMD & CONTROL SYS (AGCCS).....	22,996	22,996	22,996	22,996
COMM - COMBAT COMMUNICATIONS					
34	ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO).....	1,705	1,705	1,705	1,705
35	JOINT TACTICAL RADIO SYSTEM.....	90,204	35,040	35,040	35,040
36	RADIO TERMINAL SET, MIDS LVT(2).....	8,549	8,549	8,549	8,549
37	SINGGARS FAMILY.....	6,812	3,000	3,500	3,000
39	MULTI-PURPOSE INFORMATION OPERATIONS SYSTEMS.....	6,164	6,164	6,164	6,164
41	COMMS-ELEC EQUIP FIELDING.....	---	7,360	6,000	8,288
42	SPIDER APLA REMOTE CONTROL UNIT.....	21,820	21,820	21,820	21,820
43	IMS REMOTE CONTROL UNIT.....	9,256	9,256	9,256	9,256
44	SOLDIER ENHANCEMENT PROGRAM COMM/ELECTRONICS.....	4,646	4,646	4,646	4,646
45	COMBAT SURVIVOR EVADER LOCATOR (CSEL).....	2,367	2,367	2,367	2,367
46	RADIO, IMPROVED HF (COTS) FAMILY.....	6,555	6,555	6,555	6,555
47	MEDICAL COMM FOR CBT CASUALTY CARE (MC4).....	18,583	18,583	18,583	18,583
COMM - INTELLIGENCE COMM					
48	CI AUTOMATION ARCHITECTURE (HIP).....	1,414	1,414	1,414	1,414
INFORMATION SECURITY					
49	TSEC - ARMY KEY MGT SYS (AKMS).....	29,525	29,525	29,525	29,525
50	INFORMATION SYSTEM SECURITY PROGRAM-ISSP.....	33,189	33,189	33,189	33,189
COMM - LONG HAUL COMMUNICATIONS					
51	TERRESTRIAL TRANSMISSION.....	1,890	1,890	1,890	1,890
52	BASE SUPPORT COMMUNICATIONS.....	25,525	25,525	25,525	25,525

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
54 WW TECH CON IMP PROG (WWTCIP).....	31,256	31,256	31,256	31,256
COMM - BASE COMMUNICATIONS				
55 INFORMATION SYSTEMS.....	216,057	216,057	216,057	216,057
56 DEFENSE MESSAGE SYSTEM (DMS).....	6,203	6,203	6,203	6,203
57 INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM.....	147,111	147,111	147,111	147,111
58 PENTAGON INFORMATION MGT AND TELECOM.....	39,906	39,906	39,906	39,906
ELECT EQUIP - NAT INT PROG (NIP)				
ELECT EQUIP - NAT INTEL PROG (NIP)				
62 JTT/CIBS-M (MIP).....	3,279	3,279	3,279	3,279
63 PROPHET GROUND (MIP).....	64,498	64,498	64,498	64,498
69 DCGS-A (MIP).....	85,354	85,354	85,354	85,354
70 JOINT TACTICAL GROUND STATION (JTAGS).....	6,703	6,703	6,703	6,703
71 TROJAN (MIP).....	26,659	26,659	26,659	26,659
72 MOD OF IN-SVC EQUIP (INTEL SPT) (MIP).....	7,021	7,021	7,021	7,021
73 CI HUMINT AUTO REPRTING AND COLL(CHARCS)(MIP).....	4,509	4,509	4,509	4,509
74 SEQUOYAH FOREIGN LANGUAGE TRANSLATION SYSTEM.....	6,420	6,420	---	---
75 ITEMS LESS THAN \$5.0M (MIP).....	17,053	17,053	17,053	17,053
ELECT EQUIP - ELECTRONIC WARFARE (EW)				
76 LIGHTWEIGHT COUNTER MORTAR RADAR.....	31,661	31,661	31,661	31,661
78 COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES.....	1,284	1,284	1,284	1,284
79 CI MODERNIZATION (MIP).....	1,221	1,221	1,221	1,221
ELECT EQUIP - TACTICAL SURV. (TAC SURV)				
80 SENTINEL MODS.....	25,863	25,863	25,863	25,863
81 SENSE THROUGH THE WALL (STTW).....	25,352	25,352	---	---
82 NIGHT VISION DEVICES.....	366,820	191,158	180,458	180,458
83 LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM.....	133,836	133,836	133,836	133,836
84 NIGHT VISION, THERMAL WPN SIGHT.....	313,237	313,237	313,237	313,237
85 SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF.....	9,179	9,179	9,179	9,179
86 RADIATION MONITORING SYSTEMS.....	2,198	2,198	2,198	2,198
89 ARTILLERY ACCURACY EQUIP.....	5,838	5,838	5,838	5,838
91 ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SE.....	1,178	1,178	1,178	1,178
92 PROFILER.....	4,766	4,766	4,766	4,766
93 MOD OF IN-SVC EQUIP (FIREFINDER RADARS).....	2,801	2,801	2,801	2,801
94 FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2).....	271,979	271,979	271,979	271,979

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
95 JOINT BATTLE COMMAND - PLATFORM (JBC-P).....	17,242	17,242	17,242	17,242
96 LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLD).....	59,080	59,080	59,080	59,080
98 MORTAR FIRE CONTROL SYSTEM.....	15,520	15,520	17,820	17,820
99 COUNTERFIRE RADARS.....	194,665	194,665	194,665	194,665
101 ENHANCED SENSOR & MONITORING SYSTEM.....	1,944	1,944	1,944	1,944
ELECT EQUIP - TACTICAL C2 SYSTEMS				
102 TACTICAL OPERATIONS CENTERS.....	29,934	32,234	29,934	31,774
103 FIRE SUPPORT C2 FAMILY.....	39,042	39,042	32,742	32,742
104 BATTLE COMMAND SUSTAINMENT SUPPORT SYSTEM.....	31,968	31,968	31,968	31,968
105 FAAD C2.....	8,289	8,289	8,289	8,289
106 AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD).....	62,439	62,439	62,439	62,439
107 KNIGHT FAMILY.....	80,831	80,831	80,831	80,831
108 LIFE CYCLE SOFTWARE SUPPORT (LCSS).....	1,778	1,778	1,778	1,778
109 AUTOMATIC IDENTIFICATION TECHNOLOGY.....	31,542	31,542	33,542	33,142
110 TC AIMS II.....	11,124	11,124	11,124	11,124
113 NETWORK MANAGEMENT INITIALIZATION AND SERVICE.....	53,898	53,898	53,898	53,898
114 MANEUVER CONTROL SYSTEM (MCS).....	77,646	77,646	77,646	77,646
115 SINGLE ARMY LOGISTICS ENTERPRISE (SALE).....	46,861	46,861	46,861	46,861
116 RECONNAISSANCE AND SURVEYING INSTRUMENT SET.....	11,118	11,118	11,118	11,118
117 MOUNTED BATTLE COMMAND ON THE MOVE (MBCOTM).....	926	926	926	926
ELECT EQUIP - AUTOMATION				
118 GENERAL FUND ENTERPRISE BUSINESS SYSTEM.....	85,801	85,801	85,801	44,901
119 ARMY TRAINING MODERNIZATION.....	12,823	12,823	12,823	12,823
120 AUTOMATED DATA PROCESSING EQUIPMENT.....	254,723	179,723	239,723	209,723
121 CSS COMMUNICATIONS.....	33,749	33,749	33,749	33,749
122 RESERVE COMPONENT AUTOMATION SYS (RCAS).....	39,675	39,675	39,675	39,675
ELECT EQUIP - AUDIO VISUAL SYS (A/V)				
124 ITEMS LESS THAN \$5.0M (A/V).....	2,709	2,709	2,709	2,709
125 ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT).....	5,172	5,172	5,172	5,172
ELECT EQUIP - SUPPORT				
128 PRODUCTION BASE SUPPORT (C-E).....	518	518	518	518
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....	4,304,472	4,004,494	4,020,862	3,952,390

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
OTHER SUPPORT EQUIPMENT				
CHEMICAL DEFENSIVE EQUIPMENT				
129 PROTECTIVE SYSTEMS.....	2,081	2,081	2,081	2,081
130 CBRN SOLDIER PROTECTION.....	108,334	108,334	108,334	108,334
131 SMOKE & OBSCURANT FAMILY: SOF (NON AAO ITEM).....	7,135	7,135	7,135	7,135
BRIDGING EQUIPMENT				
132 TACTICAL BRIDGING.....	58,509	58,509	53,909	53,909
133 TACTICAL BRIDGE, FLOAT-RIBBON.....	135,015	135,015	135,015	135,015
ENGINEER (NON-CONSTRUCTION) EQUIPMENT				
134 HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST.....	42,264	42,264	42,264	42,264
135 GROUND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS).....	56,123	56,123	50,223	50,223
136 EXPLOSIVE ORDNANCE DISPOSAL EQPMT (EOD EQPMT).....	49,333	49,333	49,333	56,533
137 ITEMS LESS THAN \$5M, COUNTERMINE EQUIPMENT.....	3,479	3,479	3,479	3,479
138 AERIAL DETECTION.....	11,200	200	200	200
COMBAT SERVICE SUPPORT EQUIPMENT				
139 HEATERS AND ECU'S.....	11,924	11,924	11,924	11,924
141 SOLDIER ENHANCEMENT.....	4,071	4,071	4,071	4,071
142 LIGHTWEIGHT MAINTENANCE ENCLOSURE (LME).....	---	---	---	1,600
143 PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS).....	6,981	6,981	6,981	6,981
144 GROUND SOLDIER SYSTEM.....	1,809	1,809	---	1,809
145 MOUNTED SOLDIER SYSTEM.....	1,085	1,085	---	1,085
147 FIELD FEEDING EQUIPMENT.....	57,872	61,372	57,872	60,672
148 CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM.....	66,381	66,381	61,581	63,981
149 MOBILE INTEGRATED REMAINS COLLECTION SYSTEM.....	16,585	16,585	16,585	16,585
150 ITEMS LESS THAN \$5M (ENG SPT).....	25,531	25,531	25,531	25,531
PETROLEUM EQUIPMENT				
152 DISTRIBUTION SYSTEMS, PETROLEUM & WATER.....	84,019	84,019	84,019	84,019
WATER EQUIPMENT				
153 WATER PURIFICATION SYSTEMS.....	7,173	7,173	7,173	7,173
MEDICAL EQUIPMENT				
154 COMBAT SUPPORT MEDICAL.....	33,694	34,694	36,694	36,694
MAINTENANCE EQUIPMENT				
155 MOBILE MAINTENANCE EQUIPMENT SYSTEMS.....	137,002	137,002	137,002	137,002
156 ITEMS LESS THAN \$5.0M (MAINT EQ).....	812	5,812	812	3,312
CONSTRUCTION EQUIPMENT				
157 GRADER, ROAD MTZD, HVY, 6X4 (CCE).....	50,897	50,897	44,297	44,297
158 SKID STEER LOADER (SSL) FAMILY OF SYSTEM.....	18,387	18,387	18,387	18,387

(In thousands of dollars)

	Budget	House	Senate	Recommendation
161 MISSION MODULES - ENGINEERING.....	44,420	44,420	44,420	44,420
162 LOADERS.....	20,824	20,824	20,824	20,824
163 HYDRAULIC EXCAVATOR.....	18,785	18,785	18,785	18,785
164 TRACTOR, FULL TRACKED.....	50,102	50,102	50,102	50,102
166 PLANT, ASPHALT MIXING.....	12,915	12,915	12,915	12,915
167 HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) FOS.....	36,451	36,451	36,451	36,451
168 CONST EQUIP ESP.....	8,391	8,391	8,391	8,391
169 ITEMS LESS THAN \$5.0M (CONST EQUIP).....	12,562	12,562	12,562	12,562
RAIL FLOAT CONTAINERIZATION EQUIPMENT				
170 JOINT HIGH SPEED VESSEL (JHSV).....	183,666	183,666	183,666	183,666
171 HARBORMASTER COMMAND AND CONTROL CENTER(HCCC).....	10,962	10,962	10,962	10,962
172 ITEMS LESS THAN \$5.0M (FLOAT/RAIL).....	6,785	6,785	6,785	6,785
GENERATORS				
173 GENERATORS AND ASSOCIATED EQUIPMENT.....	146,067	152,067	146,067	150,867
MATERIAL HANDLING EQUIPMENT				
174 ROUGH TERRAIN CONTAINER HANDLER (RTCH).....	41,239	41,239	41,239	41,239
175 ALL TERRAIN LIFTING ARMY SYSTEM.....	44,898	44,898	44,898	44,898
TRAINING EQUIPMENT				
176 COMBAT TRAINING CENTERS SUPPORT.....	22,967	22,967	22,967	22,967
177 TRAINING DEVICES, NONSYSTEM.....	261,348	292,848	303,798	309,228
178 CLOSE COMBAT TACTICAL TRAINER.....	65,155	65,155	65,155	65,155
179 AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA.....	12,794	12,794	12,794	12,794
180 GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING.....	7,870	7,870	7,870	7,870
TEST MEASURE AND DIG EQUIPMENT (TMD)				
181 CALIBRATION SETS EQUIPMENT.....	16,844	16,844	16,844	16,844
182 INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE).....	101,320	101,320	101,320	101,320
183 TEST EQUIPMENT MODERNIZATION (TEMOD).....	15,526	15,526	15,526	15,526
OTHER SUPPORT EQUIPMENT				
184 RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT.....	21,770	23,770	---	6,370
185 PHYSICAL SECURITY SYSTEMS (OPA3).....	49,758	49,758	49,758	49,758
186 BASE LEVEL COM'L EQUIPMENT.....	1,303	1,303	1,303	1,303
187 MODIFICATION OF IN-SVC EQUIPMENT (OPA-3).....	53,884	53,884	53,884	53,884
188 PRODUCTION BASE SUPPORT (OTH).....	3,050	3,050	3,050	3,050
190 SPECIAL EQUIPMENT FOR USER TESTING.....	45,516	45,516	45,516	45,516
191 AMC CRITICAL ITEMS OPA3.....	12,232	12,232	12,232	12,232

(In thousands of dollars)

	Budget	House	Senate	Recommendation
192 MA8975.....	4,492	4,492	4,492	4,492
TOTAL, OTHER SUPPORT EQUIPMENT.....	2,331,592	2,369,592	2,319,478	2,355,672
SPARE AND REPAIR PARTS				
193 INITIAL SPARES - C&E.....	25,867	25,867	25,867	25,867
194 WIN-T INCREMENT 2 SPARES.....	9,758	9,758	9,758	9,758
TOTAL, SPARE AND REPAIR PARTS.....	35,625	35,625	35,625	35,625
CLASSIFIED PROGRAMS.....	2,522	2,522	2,522	2,522
TOTAL, OTHER PROCUREMENT, ARMY.....	9,907,151	9,293,801	9,395,444	8,582,660

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

<b>P-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>	
<b>4</b>	<b>HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV)</b>	<b>281,123</b>	<b>281,123</b>	<b>282,323</b>	<b>282,083</b>
	HMMWV Egress Assistance Trainer for the Tennessee National Guard		200	160	
	Reinforcement HMMWV Repair Hood Kits		1,000	800	
<b>5</b>	<b>FAMILY OF MEDIUM TACTICAL VEHICLES (FMTV)</b>	<b>1,158,522</b>	<b>965,522</b>	<b>1,033,522</b>	<b>497,822</b>
	Schedule slip	-193,000		-174,000	
	Program reduction		-125,000	0	
	Transfer to Other Procurement, Army line number 5 in Title IX			-486,700	
<b>7</b>	<b>FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)</b>	<b>812,918</b>	<b>786,566</b>	<b>812,918</b>	<b>612,918</b>
	Funding ahead of need	-26,352		0	
	Transfer to Other Procurement, Army line number 7 in Title IX			-200,000	
<b>10</b>	<b>MINE PROTECTION VEHICLE FAMILY</b>	<b>402,517</b>	<b>267,797</b>	<b>325,517</b>	<b>279,197</b>
	Funding in excess of need	-134,720		-134,720	
	Authorization Adjustment		-90,000	0	
	Mine Resistant Ambush Protected Vehicle Virtual Trainers for the Illinois National Guard		8,000	6,400	
	Mine Resistant Ambush Protected Vehicle Virtual Trainers for the Tennessee National Guard		5,000	5,000	
<b>13</b>	<b>HEAVY EXPANDED MOBILE TACTICAL TRUCK EXTENDED SERVICE</b>	<b>180,793</b>	<b>180,793</b>	<b>170,593</b>	<b>170,593</b>
	Pricing adjustment		-10,200	-10,200	
<b>15</b>	<b>MODIFICATION OF IN SERVICE EQUIPMENT</b>	<b>10,314</b>	<b>10,314</b>	<b>0</b>	<b>2,314</b>
	Prior year funds are available		-10,314	-8,000	
<b>16</b>	<b>ITEMS LESS THAN \$5.0M (TAC VEH)</b>	<b>298</b>	<b>298</b>	<b>5,898</b>	<b>4,778</b>
	Ultra Light Utility Vehicles for the National Guard (Includes transfer from line number 20)		5,600	4,480	
<b>17</b>	<b>TOWING DEVICE-FIFTH WHEEL</b>	<b>414</b>	<b>1,114</b>	<b>414</b>	<b>974</b>
	Fifth-Wheel Towing Devices for the Puerto Rico Army National Guard		700	560	
<b>19</b>	<b>PASSENGER CARRYING VEHICLES</b>	<b>269</b>	<b>269</b>	<b>0</b>	<b>0</b>
	Prior year funds are available		-269	-269	
<b>20</b>	<b>NONTACTICAL VEHICLES, OTHER</b>	<b>3,052</b>	<b>5,052</b>	<b>3,052</b>	<b>3,052</b>
	Ultralight Utility Vehicles for the National Guard (Transferred to line number 16)		2,000	0	
<b>26</b>	<b>SUPER HIGH FREQUENCY TERMINALS</b>	<b>90,918</b>	<b>90,918</b>	<b>94,918</b>	<b>94,118</b>
	Phoenix Quad-Band Satellite Receiver for the Delaware National Guard		4,000	3,200	
<b>35</b>	<b>JOINT TACTICAL RADIO SYSTEM</b>	<b>90,204</b>	<b>35,040</b>	<b>35,040</b>	<b>35,040</b>
	Funding ahead of need		-55,164	0	
	Delay in JTRS Ground Mobile Radio		-55,164	-55,164	



P-1	Budget Request	House	Senate	Recommendation
<b>37 SINGGARS FAMILY</b>	<b>6,812</b>	<b>3,000</b>	<b>3,500</b>	<b>3,000</b>
Funding in excess of need		-6,812	-6,812	-6,812
Radio Personality Modules for SINGGARS Test Sets		3,000	3,500	3,000
<b>COMMUNICATIONS-ELECTRONICS EQUIPMENT</b>				
<b>41 FIELDING</b>	<b>0</b>	<b>7,360</b>	<b>6,000</b>	<b>8,288</b>
Communications Aerial Platforms for Increased Situational Awareness for the Minnesota National Guard		2,360		1,888
Regional Emergency Response Network Emergency Cell Phone Capability		5,000	3,000	4,000
Tactical/Crew Served Weapon Illumination Systems			3,000	2,400
<b>SEQUOYAH FOREIGN LANGUAGE TRANSLATION SYSTEM</b>				
<b>74 SYSTEM</b>	<b>6,420</b>	<b>6,420</b>	<b>0</b>	<b>0</b>
Funding ahead of need			-6,420	-6,420
<b>81 SENSE THROUGH THE WALL (STTW)</b>	<b>25,352</b>	<b>25,352</b>	<b>0</b>	<b>0</b>
Funding ahead of need			-25,352	-25,352
<b>82 NIGHT VISION DEVICES</b>	<b>366,820</b>	<b>191,158</b>	<b>180,458</b>	<b>180,458</b>
Funding ahead of need		-175,662		0
Funding in excess of need			-186,362	-186,362
<b>98 MORTAR FIRE CONTROL SYSTEM</b>	<b>15,520</b>	<b>15,520</b>	<b>17,820</b>	<b>17,820</b>
Accelerated Precision Mortar Initiative			2,300	2,300
<b>102 TACTICAL OPERATIONS CENTERS</b>	<b>29,934</b>	<b>32,234</b>	<b>29,934</b>	<b>31,774</b>
Tactical Operations Center for the Washington National Guard		2,300		1,840
<b>103 FIRE SUPPORT C2 FAMILY</b>	<b>39,042</b>	<b>39,042</b>	<b>32,742</b>	<b>32,742</b>
Pricing adjustment			-6,300	-6,300
<b>109 AUTOMATIC IDENTIFICATION TECHNOLOGY</b>	<b>31,542</b>	<b>31,542</b>	<b>33,542</b>	<b>33,142</b>
Red River Army Depot Modernization			2,000	1,600
<b>118 GENERAL FUND ENTERPRISE BUSINESS SYSTEM</b>	<b>85,801</b>	<b>85,801</b>	<b>85,801</b>	<b>44,901</b>
Army requested transfer to RDT&E, Army line number 111				-17,900
Army requested transfer to O&M, Army line number 432				-23,000
<b>120 AUTOMATED DATA PROCESSING EQUIP</b>	<b>254,723</b>	<b>179,723</b>	<b>239,723</b>	<b>209,723</b>
Unjustified growth		-75,000	-15,000	-45,000
<b>132 TACTICAL BRIDGING</b>	<b>58,509</b>	<b>58,509</b>	<b>53,909</b>	<b>53,909</b>
Pricing adjustment			-4,600	-4,600
<b>135 GROUND STANDOFF MINE DETECTION SYSTEM</b>	<b>56,123</b>	<b>56,123</b>	<b>50,223</b>	<b>50,223</b>
Funding ahead of need			-8,900	-8,900
FIDO Explosives Detector			3,000	3,000

PLANNING UNIT

P-1	Budget Request	House	Senate	Recommendation
<b>136 EXPLOSIVE ORDNANCE DISPOSAL EQUIPMENT</b>	<b>49,333</b>	<b>49,333</b>	<b>49,333</b>	<b>56,633</b>
Magneto Inductive Remote Activation Munitions System (MI-RAMS) M156/M39 Kits and M40 Receivers (Transferred from Procurement of Ammunition, Army line number 25)				7,200
<b>138 AERIAL DETECTION</b>	<b>11,200</b>	<b>200</b>	<b>200</b>	<b>200</b>
Funding ahead of need		-11,000	-11,000	-11,000
<b>142 LIGHTWEIGHT MAINTENANCE ENCLOSURE (LME)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600</b>
Expandable Light Air Mobility Shelters (ELAMs) and Contingency Response Communications System (CRCS) for the Illinois National Guard (Transferred from O&M, Army National Guard line number 121)				1,600
<b>144 GROUND SOLDIER SYSTEM</b>	<b>1,809</b>	<b>1,809</b>	<b>0</b>	<b>1,809</b>
Funding ahead of need			-1,809	0
<b>145 MOUNTED SOLDIER SYSTEM</b>	<b>1,085</b>	<b>1,085</b>	<b>0</b>	<b>1,085</b>
Funding ahead of need			-1,085	0
<b>147 FIELD FEEDING EQUIPMENT</b>	<b>57,872</b>	<b>61,372</b>	<b>57,872</b>	<b>60,672</b>
Multi-Temperature Refrigerated Container System		3,500		2,800
<b>CARGO AERIAL DELIVERY AND PERSONNEL</b>				
<b>148 PARACHUTE SYSTEM</b>	<b>66,381</b>	<b>66,381</b>	<b>61,581</b>	<b>63,981</b>
Pricing adjustment			-4,800	-2,400
<b>154 COMBAT SUPPORT MEDICAL</b>	<b>33,694</b>	<b>34,694</b>	<b>36,694</b>	<b>36,894</b>
Life Support for Trauma and Transport		1,000		800
Combat Casualty Care Upgrade Program			3,000	2,400
<b>156 ITEMS LESS THAN \$5.0M (MAINTENANCE EQUIPMENT)</b>	<b>812</b>	<b>5,812</b>	<b>812</b>	<b>3,312</b>
Program Increase - Classified Waste Destruction		5,000		2,500
<b>157 GRADER, ROAD MTZD, HVY, 6X4 (CCE)</b>	<b>50,897</b>	<b>50,897</b>	<b>44,297</b>	<b>44,297</b>
Pricing adjustment			-6,600	-6,600
<b>173 GENERATORS AND ASSOCIATED EQUIPMENT</b>	<b>146,067</b>	<b>152,067</b>	<b>146,067</b>	<b>150,867</b>
Kentucky National Guard Emergency Response Generator Stockpile		6,000		4,800
<b>177 TRAINING DEVICES, NONSYSTEM</b>	<b>261,348</b>	<b>292,848</b>	<b>303,798</b>	<b>309,228</b>
Combat Skills Marksmanship Trainer		4,000	3,600	4,000
Combined Arms Virtual Trainers for the New Mexico National Guard		500		400
Combined Arms Virtual Trainers for the Tennessee National Guard		5,000	5,000	5,000
Program Increase - Training Simulators for the National Guard		9,000		4,000
Fort Bragg Range 74 Combined Arms Collective Training Facility		1,000		800
Individual Gunnery; Tank Gunnery; and Tabletop Full-Fidelity Trainers for the New Mexico National Guard		2,000		1,600
Laser Marksmanship Training System		2,000		2,000
Machine Gun Training System for the Pennsylvania National Guard		3,000		2,400
Mobile Firing Range for the Texas National Guard		1,500		1,500
Virtual Convoy Operations Trainer for the New Mexico National Guard		1,500		1,200

P-1	Budget Request	House	Senate	Recommendation
Virtual Interactive Combat Environment Training System for the Virginia National Guard		2,000	2,000	2,000
Call for Fire Trainer II/Joint Fires and Effects Trainer System			5,000	5,000
Immersive Group Simulation Virtual Training System for the Hawaii National Guard			2,500	2,300
Muscatatuck Urban Training Center Instrumentation for the National Guard			2,000	2,000
Training Range Enhancements			15,000	7,500
US Army Operator Driving Simulator for the Tennessee National Guard			350	280
Virtual Convoy Operations Trainers for the Illinois National Guard			3,000	2,400
Virtual Interactive Combat Environment for the New Jersey National Guard			4,000	3,500
<b>184 RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT</b>	<b>21,770</b>	<b>23,770</b>	<b>0</b>	<b>6,370</b>
Prior year funds are available			-21,770	-17,000
Mobile Defensive Fighting Position		2,000		1,600

STATE  
 POLICE

## ARMY TRUCK PROGRAM

Concerns persist regarding the absence of an overall truck acquisition strategy to guide the Army's plans and programs. It is not clear that the Army has conducted the needed analyses for sound acquisition plans or to reap potential savings. Not later than 180 days after the enactment of this Act, the Secretary of the Army shall provide a report to the congressional defense committees detailing the Army's acquisition strategy for future truck procurement.

## NETWORKED COMMUNICATIONS CAPABILITIES

The recommendation continues to support the overall objectives of the Joint Tactical Radio System (JTRS) program, but concerns remain about the technical risk, cost and availability of the JTRS radios. While the JTRS family of radios and waveforms has successfully tested several variants and demonstrated key networking waveforms, full testing objectives have not been realized. The Secretary of Defense is encouraged to examine lower-risk approaches to bridge the networked communications gap while providing interoperability and moving toward a competitive radio business

model. Competition is encouraged between legacy and commercially available radios and waveforms that meet the majority of JTRS approved standards until such time as the JTRS radios are fielded. Additionally, the Assistant Secretary of Defense for Networks and Information Integration is encouraged to examine the cost effectiveness of such an approach and to submit a report to the congressional defense committees not later than March 15, 2010, with recommendations for closing any networked communications capability gap with commercially available and legacy radios and waveforms.

#### MODIFICATION OF IN-SERVICE EQUIPMENT

According to accounting reports, the Army has over \$1,284,000,000 in prior year funding available for Modification of In-Service Equipment, Budget Activity -1. Therefore, the recommendation provides \$2,314,000 for this program in fiscal year 2010, a reduction of \$8,000,000. Additionally, due to the large prior year funding balance, the recommendation includes a reduction of \$195,950,000 in the title IX portion of this program.

## RAPID EQUIPPING FORCE

For fiscal year 2010, the recommendation provides \$13,370,000 for Rapid Equipping Force funding, a reduction of \$35,400,000 from the budget request due to funding available in prior year accounts. There is concern with the Army's demand driven approach in providing Soldier Wearable Acoustic Targeting Systems (SWATS) to soldiers, and a strong belief that the equipment should be made available to all deploying units, not just those units submitting Urgent Needs Statements.

The Supplemental Appropriations Act, 2009 provided \$50,000,000 for SWATS. However, the slow pace of obligating available funding for the life-saving SWATS, and the lack of urgency in establishing a basis of issue plan and making it a Program of Record causes concern. The Army is expected to correct the situation quickly.

The Secretary of the Army has yet to provide a report on the acquisition objective and basis of issue plan for both vehicular and soldier wearable sniper detection equipment as directed in the Joint Explanatory Statement accompanying the Supplemental Appropriations Act, 2009. The report shall be provided to the congressional defense committees not later than 60 days after enactment of this Act.

# AIRCRAFT PROCUREMENT, NAVY

For Aircraft Procurement, Navy, funds are to be available for fiscal  
year 2010, as follows:

(In thousands of dollars)

AIRCRAFT PROCUREMENT, NAVY					
	Budget	House	Senate	Recommendation	
<b>COMBAT AIRCRAFT</b>					
2	EA-18G.....	1,611,837	1,611,837	1,611,837	1,611,837
3	EA-18G (AP-CY).....	20,559	20,559	20,559	20,559
4	F/A-18E/F (FIGHTER) HORNET (MYP).....	1,009,537	1,504,537	1,009,537	1,504,537
5	F/A-18E/F (FIGHTER) HORNET (MYP) (AP-CY).....	51,431	159,431	51,431	51,431
6	JOINT STRIKE FIGHTER .....	3,997,048	3,576,448	3,997,048	3,997,048
7	JOINT STRIKE FIGHTER ADVANCE PROCUREMENT (CY).....	481,000	481,000	481,000	481,000
8	V-22 (MEDIUM LIFT).....	2,215,829	2,215,829	2,215,829	2,215,829
9	V-22 (MEDIUM LIFT) (AP-CY).....	84,342	84,342	84,342	84,342
10	UH-1Y/AH-1Z.....	709,801	609,801	544,801	584,801
11	UH-1Y/AH-1Z (AP-CY).....	70,550	35,550	70,550	50,550
12	MH-60S (MYP).....	414,145	414,145	374,145	394,145
13	MH-60S (MYP) (AP-CY).....	78,830	78,830	78,830	78,830
14	MH-60R.....	811,781	818,281	811,781	816,281
15	MH-60R (AP-CY).....	131,504	131,504	118,304	118,304
16	P-8A POSEIDON.....	1,664,525	1,664,525	1,664,525	1,664,525
17	P-8A POSEIDON (ADVANCED PROCUREMENT).....	160,526	138,445	149,626	138,425
18	E-2C (EARLY WARNING) HAWKEYE (MYP).....	511,245	649,445	511,245	649,445
19	E-2C (EARLY WARNING) HAWKEYE (MYP) (AP-CY).....	94,924	94,924	57,524	94,924
	<b>TOTAL, COMBAT AIRCRAFT.....</b>	<b>14,119,414</b>	<b>14,289,433</b>	<b>13,852,914</b>	<b>14,556,813</b>
<b>AIRLIFT AIRCRAFT</b>					
20	C-40A.....	74,381	74,381	74,381	74,381
	<b>TOTAL, AIRLIFT AIRCRAFT.....</b>	<b>74,381</b>	<b>74,381</b>	<b>74,381</b>	<b>74,381</b>

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<hr/>				
TRAINER AIRCRAFT				
22 JPATS.....	266,539	257,939	260,539	256,239
<hr/>				
TOTAL, TRAINER AIRCRAFT.....	266,539	257,939	260,539	256,239
OTHER AIRCRAFT				
25 RQ-7 UAV.....	56,797	51,547	53,797	51,547
26 MQ-8 UAV.....	77,616	64,316	77,616	77,616
OTHER SUPPORT AIRCRAFT.....	---	---	6,200	1,960
<hr/>				
TOTAL, OTHER AIRCRAFT.....	134,413	115,863	137,613	131,123
MODIFICATION OF AIRCRAFT				
28 EA-6 SERIES.....	39,977	39,977	39,977	39,977
29 AV-8 SERIES.....	35,668	31,868	35,668	31,868
30 F-18 SERIES.....	484,129	396,929	463,729	432,929
31 H-46 SERIES.....	35,325	35,325	35,325	35,325
32 AH-1W SERIES.....	66,461	66,461	33,061	33,061
33 H-53 SERIES.....	68,197	68,197	68,197	68,197
34 SH-60 SERIES.....	82,253	82,253	82,253	82,253
35 H-1 SERIES.....	20,040	20,040	20,040	20,040
36 EP-3 SERIES.....	92,530	92,530	92,530	92,530
37 P-3 SERIES.....	485,171	428,371	485,171	428,371
39 E-2 SERIES.....	22,853	22,853	42,853	32,853
40 TRAINER A/C SERIES.....	20,907	20,907	17,207	17,207
41 C-2A.....	21,343	21,343	21,343	21,343
42 C-130 SERIES.....	22,449	22,449	22,449	22,449

(In thousands of dollars)

	Budget	House	Senate	Recommendation
43 FEWSG.....	9,486	9,486	9,486	9,486
44 CARGO/TRANSPORT A/C SERIES.....	19,429	19,429	19,429	19,429
45 E-6 SERIES.....	102,646	102,646	102,646	102,646
46 EXECUTIVE HELICOPTERS SERIES.....	42,456	42,456	42,456	42,456
47 SPECIAL PROJECT AIRCRAFT.....	14,869	12,369	14,869	12,369
48 T-45 SERIES.....	51,484	49,184	51,484	48,984
49 POWER PLANT CHANGES.....	26,395	26,395	26,395	26,395
50 JPATS SERIES.....	4,922	4,922	4,922	4,922
51 AVIATION LIFE SUPPORT MODS.....	5,594	5,594	5,594	5,594
52 COMMON ECM EQUIPMENT.....	47,419	51,219	48,919	49,819
53 COMMON AVIONICS CHANGES.....	151,112	142,812	151,112	142,812
55 ID SYSTEMS.....	24,125	24,125	24,125	24,125
56 V-22 (TILT/ROTOR ACFT) OSPREY.....	24,502	24,502	24,502	24,502
TOTAL, MODIFICATION OF AIRCRAFT.....	2,021,742	1,864,642	1,985,742	1,871,942
AIRCRAFT SPARES AND REPAIR PARTS				
57 SPARES AND REPAIR PARTS.....	1,264,012	1,223,412	1,272,812	1,258,212
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES				
58 COMMON GROUND EQUIPMENT.....	363,588	365,588	361,088	360,288
59 AIRCRAFT INDUSTRIAL FACILITIES.....	11,075	11,075	11,075	11,075
60 WAR CONSUMABLES.....	55,406	55,406	55,406	55,406
61 OTHER PRODUCTION CHARGES.....	23,861	23,861	23,861	23,861
62 SPECIAL SUPPORT EQUIPMENT.....	42,147	42,147	42,147	42,147
63 FIRST DESTINATION TRANSPORTATION.....	1,734	1,734	1,734	1,734
TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES.....	497,811	499,811	495,311	494,511
TOTAL, AIRCRAFT PROCUREMENT, NAVY.....	18,378,312	18,325,481	18,079,312	18,643,221

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EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	House	Senate	Recommendation
4 F/A-18E/F (FIGHTER) HORNET (MYP) Funding for nine additional aircraft	1,009,537	1,504,537 495,000	1,009,537	1,504,537 495,000
5 F/A-18E/F (FIGHTER) HORNET (MYP) (AP-CY) Economic Order Quantity and Cost Reduction Initiative funding for Multi-year Procurement	51,431	159,431 108,000	51,431	51,431
6 JOINT STRIKE FIGHTER Reduction of two aircraft - no fiscal year 2009 advance procurement Non-recurring equipment execution	3,997,048	3,576,448 -300,000 -120,600	3,997,048	3,997,048
10 UH-1Y/AH-1Z Reduction of four aircraft Reduction of six aircraft Reduction of five aircraft	709,801	609,801 -100,000	544,801 -165,000	584,801 -125,000
11 UH-1Y/AH-1Z (AP-CY) Excess advance procurement	70,550	35,550 -35,000	70,550	50,550 -20,000
12 MH-60S (MYP) Funding ahead of need	414,145	414,145	374,145 -40,000	394,145 -20,000
14 MH-60R Multi-Mission Helicopter Avionics System Test Bed Program Increase - Airborne Sonar	811,781	818,281 1,500 5,000	811,781	816,281 1,500 3,000
15 MH-60R (AP-CY) Excess to requirement	131,504	131,504	118,304 -13,200	118,304 -13,200
17 P-8A POSEIDON (ADVANCE PROCUREMENT) Excessive advance procurement growth Funding for production line slots	160,526	138,445 -7,680 -14,401	149,626 -7,700 -3,200	138,425 -7,700 -14,401
18 E-2C (EARLY WARNING) HAWKEYE (MYP) Engineering Change Orders growth Funding for one additional aircraft	511,245	649,445 -3,800 142,000	511,245	649,445 -3,800 142,000
19 E-2C (EARLY WARNING) HAWKEYE (MYP) (AP-CY) Unjustified growth	94,924	94,924	57,524 -37,400	94,924
22 JPATS Airframe unit cost growth Support funding carryover	266,539	257,939 -4,300 -4,300	260,539 -6,000	256,239 -6,000 -4,300
25 RQ-7 UAV Attrition vehicles	56,797	51,547 -5,250	53,797 -3,000	51,547 -5,250
26 MQ-8 UAV Maintain minimum sustaining rate due to Littoral Combat Ship delays	77,616	64,316 -13,300	77,616	77,616

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P-1	Budget Request	House	Senate	Recommendation
<b>27 OTHER SUPPORT AIRCRAFT</b>	<b>0</b>	<b>0</b>	<b>6,200</b>	<b>1,960</b>
EL/M-2032 Radar Upgrade to Navy Adversary Aircraft			2,000	
UC-12 Replacement Aircraft			4,200	1,960
<b>29 AV-8 SERIES</b>	<b>35,668</b>	<b>31,868</b>	<b>35,668</b>	<b>31,868</b>
Other support funding growth within obsolescence				
replacement Operational Safety Improvement Program		-1,800		-1,800
Engine Management System contract delay		-2,000		-2,000
<b>30 F-18 SERIES</b>	<b>484,129</b>	<b>396,929</b>	<b>463,729</b>	<b>432,929</b>
Excessive growth of IR Marker ECP		-3,400	-3,400	-3,400
Radar upgrades ahead of need		-78,800		
Engineering Change Orders excessive growth		-5,000		-5,000
SLMP kits ahead of need			-4,700	-4,700
Delay in MIDS/JTR development schedule			-12,300	-12,300
Radome and Weapon Ready Assembly funding ahead of need				-25,800
<b>32 AH-1W SERIES</b>	<b>66,461</b>	<b>66,461</b>	<b>33,061</b>	<b>33,061</b>
Delay in A/C and T700 engine modification			-33,400	-33,400
<b>37 P-3 SERIES</b>	<b>485,171</b>	<b>428,371</b>	<b>485,171</b>	<b>428,371</b>
Outer wing replacement kits cost growth		-56,800		-56,800
<b>39 E-2 SERIES</b>	<b>22,853</b>	<b>22,853</b>	<b>42,853</b>	<b>32,853</b>
Reliability enhancements for E-2C			20,000	10,000
<b>40 TRAINER A/C SERIES</b>	<b>20,907</b>	<b>20,907</b>	<b>17,207</b>	<b>17,207</b>
Program delay			-3,700	-3,700
<b>47 SPECIAL PROJECT AIRCRAFT</b>	<b>14,869</b>	<b>12,369</b>	<b>14,869</b>	<b>12,369</b>
Support funding growth within intelligence sensors				
Operational Safety Improvement Program		-2,500		-2,500
<b>48 T-45 SERIES</b>	<b>51,484</b>	<b>49,184</b>	<b>51,484</b>	<b>48,984</b>
Avionics Modernization Program kits ahead of need		-3,300		-3,300
Universal Avionics Recorder Wireless Flight Download Data		1,000		800
<b>52 COMMON ECM EQUIPMENT</b>	<b>47,419</b>	<b>51,219</b>	<b>48,919</b>	<b>49,819</b>
ALE-47 retrofit kits ahead of need		-3,200		-3,200
AN/AAR-47D(V)X Missile Warning System		5,000		4,000
Crane Integrated Defensive Electronic Countermeasures				
Depot Capability		2,000	1,500	1,600
<b>53 COMMON AVIONICS CHANGES</b>	<b>151,112</b>	<b>142,812</b>	<b>151,112</b>	<b>142,812</b>
Other support funding growth within Global Positioning				
System Operational Safety Improvement Program		-3,400		-3,400
CNS/ATM installation kits cost growth		-2,500		-2,500
Advanced Mission Computer and Display Kits ahead of need		-2,400		-2,400
<b>57 SPARES AND REPAIR PARTS</b>	<b>1,264,012</b>	<b>1,223,412</b>	<b>1,272,812</b>	<b>1,258,212</b>
UH-1Y/AH-1Z reduction		-1,600	-2,400	-2,000
E-2D spares growth		-15,000		-15,000
Joint Strike Fighter reduction		-24,000		
Additional F-18 Aircraft			11,200	11,200

P-1	Budget Request	House	Senate	Recommendation
<b>58 COMMON GROUND EQUIPMENT</b>	363,588	365,588	361,088	360,288
Advanced Skills Management Command Portal - Fleet Readiness Centers		2,000	2,000	2,000
Excessive growth in production engineering support			-8,500	-8,500
Direct Squadron Support Readiness Training Program			4,000	3,200

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## F-18 AIRCRAFT

The variants of the F-18 aircraft have been the workhorses of the Navy's aviation fleet for a generation. Consistent with the National Defense Authorization Act for Fiscal Year 2010, a multi-year procurement strategy has been approved to complete the procurement of the F-18E/F/G aircraft as the Navy transitions to the Joint Strike Fighter aircraft.

# WEAPONS PROCUREMENT, NAVY

For Weapons Procurement, Navy, funds are to be available for fiscal  
year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation	
-----					
WEAPONS PROCUREMENT, NAVY					
BALLISTIC MISSILES					
MODIFICATION OF MISSILES					
1	TRIDENT II MODS.....	1,060,504	1,055,504	1,060,504	1,055,504
SUPPORT EQUIPMENT AND FACILITIES					
2	MISSILE INDUSTRIAL FACILITIES.....	3,447	3,447	3,447	3,447
-----					
	TOTAL, BALLISTIC MISSILES.....	1,063,951	1,058,951	1,063,951	1,058,951
OTHER MISSILES					
STRATEGIC MISSILES					
3	TOMAHAWK.....	283,055	273,655	283,055	277,355
TACTICAL MISSILES					
4	AHRAAM.....	145,506	134,506	140,506	138,506
5	SIDEWINDER.....	56,845	53,845	56,845	53,845
6	JSOW.....	145,336	123,536	145,336	142,436
8	STANDARD MISSILE.....	249,233	131,604	249,233	189,233
9	RAM.....	74,784	69,944	74,784	69,944
10	HELLFIRE.....	59,411	56,911	59,411	59,411
11	AERIAL TARGETS.....	47,003	43,483	47,003	43,483
12	OTHER MISSILE SUPPORT.....	3,928	3,928	3,928	3,928
MODIFICATION OF MISSILES					
13	ESSM.....	51,388	51,388	51,388	51,388
14	HARM MODS.....	47,973	44,973	47,973	47,973
15	STANDARD MISSILES MODS.....	81,451	81,451	81,451	81,451
SUPPORT EQUIPMENT AND FACILITIES					
16	WEAPONS INDUSTRIAL FACILITIES.....	3,211	3,211	13,211	12,711
17	FLEET SATELLITE COMM FOLLOW-ON.....	487,280	482,593	487,280	482,593
18	FLEET SATELLITE COMM FOLLOW-ON (AP-CY).....	28,847	28,847	28,847	28,847
ORDNANCE SUPPORT EQUIPMENT					
19	ORDNANCE SUPPORT EQUIPMENT.....	48,883	48,883	48,883	48,883
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	TOTAL, OTHER MISSILES.....	1,814,134	1,632,758	1,819,134	1,731,987

(In thousands of dollars)

	Budget	House	Senate	Recommendation
TORPEDOES AND RELATED EQUIPMENT				
21 TORPEDOES AND RELATED EQUIP ASW TARGETS.....	9,288	9,288	9,288	9,288
MOD OF TORPEDOES AND RELATED EQUIP				
22 MK-46 TORPEDO MODS.....	94,159	96,823	82,423	90,263
23 MK-48 TORPEDO ADCAP MODS.....	61,608	56,308	56,308	56,308
24 QUICKSTRIKE MINE.....	4,680	4,680	4,680	4,680
SUPPORT EQUIPMENT				
25 TORPEDO SUPPORT EQUIPMENT.....	39,869	35,329	39,869	35,329
26 ASW RANGE SUPPORT.....	10,044	10,044	10,044	10,044
DESTINATION TRANSPORTATION				
27 FIRST DESTINATION TRANSPORTATION.....	3,434	3,434	3,434	3,434
-----				
TOTAL, TORPEDOES AND RELATED EQUIPMENT.....	223,082	215,906	206,046	209,346
OTHER WEAPONS				
GUNS AND GUN MOUNTS				
28 SMALL ARMS AND WEAPONS.....	12,742	12,742	12,742	12,742
MODIFICATION OF GUNS AND GUN MOUNTS				
29 CIWS MODS.....	158,896	125,396	158,896	158,896
30 COAST GUARD WEAPONS.....	21,157	21,157	21,157	21,157
31 GUN MOUNT MODS.....	30,761	30,761	35,761	35,761
33 CRUISER MODERNIZATION WEAPONS.....	51,227	51,227	51,227	51,227
34 AIRBORNE MINE NEUTRALIZATION SYSTEMS.....	12,309	12,309	12,309	12,309
OTHER				
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TOTAL, OTHER WEAPONS.....	287,092	253,592	292,092	292,092
37 SPARES AND REPAIR PARTS.....	65,196	65,196	65,196	65,196
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TOTAL, WEAPONS PROCUREMENT, NAVY.....	3,453,455	3,226,403	3,446,419	3,357,572
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EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	House	Senate	Recommendation
<b>1 TRIDENT II MODS</b>	<b>1,060,504</b>	<b>1,055,504</b>	<b>1,060,504</b>	<b>1,055,504</b>
Support funding growth		-5,000		-5,000
<b>3 TOMAHAWK</b>	<b>283,055</b>	<b>273,655</b>	<b>283,055</b>	<b>277,355</b>
Missile hardware and capsule cost growth		-5,400		-2,700
Product improvement		-4,000		-3,000
<b>4 AMRAAM</b>	<b>145,506</b>	<b>134,506</b>	<b>140,506</b>	<b>138,506</b>
Diminished manufacturing sources funding ahead of need		-11,000	-5,000	-7,000
<b>5 SIDEWINDER</b>	<b>56,845</b>	<b>53,845</b>	<b>56,845</b>	<b>53,845</b>
Support funding carryover		-3,000		-3,000
<b>6 JSOW</b>	<b>145,336</b>	<b>123,536</b>	<b>145,336</b>	<b>142,436</b>
All up round missile cost growth		-18,900		
Support funding carryover		-2,900		-2,900
<b>8 STANDARD MISSILE</b>	<b>249,233</b>	<b>131,604</b>	<b>249,233</b>	<b>189,233</b>
SM-6 missile contract delay		-117,629		-60,000
<b>9 RAM</b>	<b>74,784</b>	<b>69,944</b>	<b>74,784</b>	<b>69,944</b>
Missile component cost growth		-1,740		-1,740
Support funding carryover		-3,100		-3,100
<b>10 HELLFIRE</b>	<b>59,411</b>	<b>56,911</b>	<b>59,411</b>	<b>59,411</b>
Support funding carryover		-2,500		
<b>11 AERIAL TARGETS</b>	<b>47,003</b>	<b>43,483</b>	<b>47,003</b>	<b>43,483</b>
Excess sub-sonic target support funding		-2,020		-2,020
Support funding carryover		-1,500		-1,500
<b>14 HARM MODS</b>	<b>47,973</b>	<b>44,973</b>	<b>47,973</b>	<b>47,973</b>
Production engineering carryover		-3,000		
<b>16 WEAPONS INDUSTRIAL FACILITIES</b>	<b>3,211</b>	<b>3,211</b>	<b>13,211</b>	<b>12,711</b>
Allegany Ballistics Laboratory Facility Restoration Plan			10,000	9,500
<b>17 FLEET SATELLITE COMM FOLLOW-ON</b>	<b>487,280</b>	<b>482,593</b>	<b>487,280</b>	<b>482,593</b>
Support funding carryover		-4,687		-4,687
<b>22 MK-46 TORPEDO MODS</b>	<b>94,159</b>	<b>96,823</b>	<b>82,423</b>	<b>90,263</b>
Support funding carryover		-7,136	-7,136	-7,136
Intelligent Graphics Torpedo Test Set Troubleshooting				
Maintainers Aid		5,000		4,000
Lightweight Torpedo P5U Test Equipment Modernization		4,800		3,840
Excess Test and Evaluation funding			-4,600	-4,600
<b>23 MK-48 TORPEDO ADCAP MODS</b>	<b>61,608</b>	<b>56,308</b>	<b>56,308</b>	<b>56,308</b>
Support funding carryover		-5,300	-5,300	-5,300
<b>25 TORPEDO SUPPORT EQUIPMENT</b>	<b>39,869</b>	<b>35,329</b>	<b>39,869</b>	<b>35,329</b>
Otto fuel cost growth		-2,740		-2,740
Support funding carryover		-1,800		-1,800

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<b>P-1</b>		<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>29</b>	<b>CIWS MODS</b>	<b>158,896</b>	<b>125,396</b>	<b>158,896</b>	<b>158,896</b>
	Block 1B modification kits ahead of need		-19,000		
	Engineering Change Orders growth		-14,500		
<b>31</b>	<b>GUN MOUNT MODS</b>	<b>30,761</b>	<b>30,761</b>	<b>35,761</b>	<b>35,761</b>
	MK-110 57mm Naval Gun			2,000	2,000
	MK-38 Minor Caliber Gun System			3,000	3,000

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# PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

For Procurement of Ammunition, Navy and Marine Corps, funds are  
to be available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>PROCUREMENT OF AMMO, NAVY &amp; MARINE CORPS</b>				
<b>PROC AMMO, NAVY</b>				
<b>NAVY AMMUNITION</b>				
1 GENERAL PURPOSE BOMBS.....	75,227	73,227	75,227	73,227
2 JDAM.....	1,968	1,968	1,968	1,968
3 AIRBORNE ROCKETS, ALL TYPES.....	38,643	38,643	38,643	38,643
4 MACHINE GUN AMMUNITION.....	19,622	12,062	12,062	12,062
5 PRACTICE BOMBS.....	33,803	29,003	24,503	28,103
6 CARTRIDGES & CART ACTUATED DEVICES.....	50,600	48,000	50,600	48,000
7 AIR EXPENDABLE COUNTERMEASURES.....	79,102	64,302	69,302	64,302
8 JATOS.....	3,230	3,230	3,230	3,230
9 5 INCH/54 GUN AMMUNITION.....	27,483	23,083	27,483	23,083
10 INTERMEDIATE CALIBER GUN AMMUNITION.....	25,974	25,974	25,974	25,974
11 OTHER SHIP GUN AMMUNITION.....	35,934	35,934	35,934	35,934
12 SMALL ARMS & LANDING PARTY AMMO.....	43,490	33,861	43,490	40,526
13 PYROTECHNIC AND DEMOLITION.....	10,623	10,623	10,623	10,623
14 AMMUNITION LESS THAN \$5 MILLION.....	3,214	3,214	3,214	3,214
<b>TOTAL, PROC AMMO, NAVY.....</b>	<b>448,913</b>	<b>403,124</b>	<b>422,253</b>	<b>408,889</b>

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
PROC AMMO, MARINE CORPS MARINE CORPS AMMUNITION				
15 SMALL ARMS AMMUNITION.....	87,781	87,781	87,781	87,781
16 LINEAR CHARGES, ALL TYPES.....	23,582	23,582	23,582	23,582
17 40 MM, ALL TYPES.....	57,291	57,291	57,291	57,291
18 60MM, ALL TYPES.....	22,037	22,037	22,037	22,037
19 81MM, ALL TYPES.....	54,869	54,869	54,869	54,869
20 120MM, ALL TYPES.....	29,579	29,579	29,579	29,579
21 CTG 25MM, ALL TYPES.....	2,259	2,259	2,259	2,259
22 GRENADES, ALL TYPES.....	10,694	10,694	10,694	10,694
23 ROCKETS, ALL TYPES.....	13,948	13,948	13,948	13,948
24 ARTILLERY, ALL TYPES.....	57,948	57,948	57,948	57,948
26 DEMOLITION MUNITIONS, ALL TYPES.....	14,886	14,886	14,886	14,886
27 FUZE, ALL TYPES.....	575	575	575	575
28 NON LETHALS.....	3,034	3,034	3,034	3,034
29 AMMO MODERNIZATION.....	8,886	8,886	8,886	8,886
30 ITEMS LESS THAN \$5 MILLION.....	4,393	4,393	4,393	4,393
TOTAL, PROC AMMO, MARINE CORPS.....	391,762	391,762	391,762	391,762
TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS.....	840,675	794,886	814,015	800,651

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

P-1	Budget Request	House	Senate	Recommendation
<b>1 GENERAL PURPOSE BOMBS</b>	<b>75,227</b>	<b>73,227</b>	<b>75,227</b>	<b>73,227</b>
Direct attack cost growth		-2,000		-2,000
<b>4 MACHINE GUN AMMUNITION</b>	<b>19,622</b>	<b>12,062</b>	<b>12,062</b>	<b>12,062</b>
20MM linkless TP cost growth		-2,900	-2,900	-2,900
20MM linked TP cost growth		-1,990	-1,990	-1,990
20MM linked HEI cost growth		-2,670	-2,670	-2,670
<b>5 PRACTICE BOMBS</b>	<b>33,803</b>	<b>29,003</b>	<b>24,503</b>	<b>28,103</b>
Enhanced Laser Guided Training Round cost growth		-9,300	-9,300	-9,300
Enhanced Laser Guided Training Round		4,500		3,600
<b>6 CARTRIDGES &amp; CART ACTUATED DEVICES</b>	<b>50,600</b>	<b>48,000</b>	<b>50,600</b>	<b>48,000</b>
Support funding carryover		-2,600		-2,600
<b>7 AIR EXPENDABLE COUNTERMEASURES</b>	<b>79,102</b>	<b>64,302</b>	<b>69,302</b>	<b>64,302</b>
MJU55 contract delay		-9,800		
Support funding carryover		-5,000		-5,000
MJU-55 production termination			-9,800	-9,800
<b>9 5 INCH/54 GUN AMMUNITION</b>	<b>27,483</b>	<b>23,083</b>	<b>27,483</b>	<b>23,083</b>
Multi-option fuze cost growth		-4,400		-4,400
<b>12 SMALL ARMS &amp; LANDING PARTY AMMO</b>	<b>43,490</b>	<b>33,861</b>	<b>43,490</b>	<b>40,526</b>
Tracer cartridge cost growth		-1,300		-1,300
APIT cartridge contract delay		-8,329		
APIT cartridge cost growth				-1,664

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# SHIPBUILDING AND CONVERSION, NAVY

For Shipbuilding and Conversion, Navy, funds are to be available for  
fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
SHIPBUILDING & CONVERSION, NAVY				
OTHER WARSHIPS				
1 CARRIER REPLACEMENT PROGRAM.....	739,269	739,269	739,269	739,269
2 CARRIER REPLACEMENT PROGRAM (AP-CY).....	484,432	484,432	484,432	484,432
3 VIRGINIA CLASS SUBMARINE.....	1,964,317	1,964,317	1,964,317	1,964,317
4 VIRGINIA CLASS SUBMARINE (AP-CY).....	1,959,725	1,959,725	1,959,725	1,959,725
5 CVN REFUELING OVERHAUL.....	1,563,602	1,563,602	1,563,602	1,563,602
6 CVN REFUELING OVERHAULS (AP-CY).....	211,820	211,820	211,820	211,820
9 DDG 1000.....	1,084,161	1,073,161	1,393,797	1,382,787
11 DDG-51.....	1,912,267	1,912,267	3,650,000	1,912,267
12 DDG-51 (AP-CY).....	328,996	328,996	328,996	578,996
13 LITTORAL COMBAT SHIP.....	1,380,000	2,160,000	1,080,000	1,080,000
TOTAL, OTHER WARSHIPS.....	11,628,589	12,397,589	13,375,958	11,877,225
AMPHIBIOUS SHIPS				
14 LPD-17.....	872,392	872,392	872,392	872,392
15 LPD-17(AP-CY).....	184,555	184,555	184,555	184,555
16 LHA REPLACEMENT (AP-CY).....	---	---	170,000	170,000
18 INTRATHEATER CONNECTOR.....	177,956	357,956	177,956	177,956
TOTAL, AMPHIBIOUS SHIPS.....	1,234,903	1,414,903	1,404,903	1,404,903
AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS				
19 OUTFITTING.....	391,238	386,903	391,238	386,903
20 SERVICE CRAFT.....	3,694	3,694	3,694	3,694
21 LCAC SLEP.....	63,857	63,857	63,857	63,857
22 COMPLETION OF PY SHIPBUILDING PROGRAMS.....	454,586	454,586	144,950	144,950
TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM....	913,375	909,040	603,739	599,404
TOTAL, SHIPBUILDING & CONVERSION, NAVY.....	13,776,867	14,721,532	15,384,600	13,881,532

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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

<b>P-1</b>		<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>9</b>	<b>DDG 1000</b>	<b>1,084,161</b>	<b>1,073,161</b>	<b>1,393,797</b>	<b>1,382,797</b>
	Excess change order funding		-11,000		-11,000
	Transfer from Line number 22			309,636	309,636
<b>11</b>	<b>DDG-51</b>	<b>1,912,267</b>	<b>1,912,267</b>	<b>3,650,000</b>	<b>1,912,267</b>
	Add second ship			1,737,733	
<b>12</b>	<b>DDG-51 (AP-CY)</b>	<b>328,996</b>	<b>328,996</b>	<b>328,996</b>	<b>578,996</b>
	Additional advance procurement				250,000
<b>13</b>	<b>LITTORAL COMBAT SHIP</b>	<b>1,380,000</b>	<b>2,160,000</b>	<b>1,080,000</b>	<b>1,080,000</b>
	Properly price fiscal year 2010 ships		240,000		
	Funding for one additional vessel		540,000		
	Reprice request; fund two ships			-300,000	-300,000
<b>17</b>	<b>LHA REPLACEMENT (AP)</b>	<b>0</b>	<b>0</b>	<b>170,000</b>	<b>170,000</b>
	Additional advance procurement			170,000	170,000
<b>18</b>	<b>INTRATHEATER CONNECTOR</b>	<b>177,956</b>	<b>357,956</b>	<b>177,956</b>	<b>177,956</b>
	Funding for one additional Joint High Speed Vessel		180,000		
<b>19</b>	<b>OUTFITTING</b>	<b>391,238</b>	<b>386,903</b>	<b>391,238</b>	<b>386,903</b>
	DDG -1000 outfitting ahead of need		-4,335		-4,335
<b>22</b>	<b>COMPLETION OF PY SHIPBUILDING PROGRAMS</b>	<b>454,586</b>	<b>454,586</b>	<b>144,950</b>	<b>144,950</b>
	Transfer to line number 9			-309,636	-309,636

## SHIPBUILDING

The fiscal year 2010 shipbuilding budget request from the Department once again falls short of the quantity of ten ships nominally required to reach and maintain the required fleet size of 313 ships. Further, the Department's revised acquisition strategy for the Littoral Combat Ship, solidified after the submission of the budget, has reduced the requested number of ships from a quantity of eight to a quantity of seven. In an effort to position the Department to request additional ship quantities in fiscal year 2011, the recommendation includes an additional \$170,000,000 of advance procurement funding for the LHA (Replacement) helicopter assault ship and \$250,000,000 of additional advance procurement funding for the DDG-51 Guided Missile Destroyer program.

## COMMON HULL FORMS

The Navy has discussed in testimony the use of existing hull forms for the design of future ships in an effort to reduce the cost of these ships. Candidate ships include, but are not limited to the replacement command ship, future dock landing ships, future surface combatant, and hospital ships. Candidate hull forms include, but are not limited to, the LPD-17, T-AKE, National Security Cutter, Patrol Coastal and DDG-51 hull forms all

currently in use. This initiative continues to have strong support and the Secretary of the Navy is directed to submit a report that outlines the benefits of using an existing hull form for future ship construction. The report should include candidate hull forms, candidate ship classes (including survivability requirements), potential cost savings (including under multi-year procurement authority), and the timeframe of when the decision would be made to use an existing hull form for future designs. This report should be submitted to the congressional defense committees not later than March 15<sup>th</sup>, 2010.

#### LITTORAL COMBAT SHIP (LCS)

The recommendation includes \$1,080,000,000 for the construction of two Littoral Combat Ships (LCS), a reduction of \$300,000,000 and one ship from the budget request. This adjustment properly prices the program and is consistent with the Navy's revised acquisition strategy for the LCS program which calls for down selecting to a single ship design in fiscal year 2010, versus the two designs that the program has been carrying. The recommendation supports this strategy which should result in reduced program costs as a result of reducing the overhead within the program. Further, the recommendation provides an additional \$60,000,000 to the LCS

research and development program for the development of a technical data package that will allow a future second source of the winning LCS design.

Additionally, in compliance with previous congressional direction, the Assistant Secretary of the Navy for Research, Development, and Acquisition (ASN (RDA)) provides the congressional defense committees a monthly progress report on LCS construction costs. Presently, these reports provide cost information only for the first two LCS platforms (LCS-1 and LCS-2). The ASN (RDA) is directed to provide the same monthly cost reports for LCS-3 and LCS-4 upon enactment of this Act.

#### LEASING OF FOREIGN BUILT SHIPS

There exists strong interest in the impact that the review of future requirements in the Quadrennial Defense Review will have on the Navy's practice of leasing foreign built ships. Therefore, the Secretary of the Navy is directed to update its March 2008 report on the use of such leases and address impacts on American seafarers, sealift capabilities, and naval shipbuilding.

## DDG-51 GUIDED MISSILE DESTROYER

The recommendation includes \$578,996,000, an increase of \$250,000,000 above the budget request, for advance procurement of components for the two DDG-51 destroyers planned in fiscal year 2011. The recommendation fully supports re-start of the DDG-51 program and provides additional funding in an effort to re-start the program in a more efficient and cost effective manner.

## OTHER PROCUREMENT, NAVY

For Other Procurement, Navy, funds are to be available for fiscal year

2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation	
-----					
OTHER PROCUREMENT, NAVY					
SHIPS SUPPORT EQUIPMENT					
SHIP PROPULSION EQUIPMENT					
1	LM-2500 GAS TURBINE.....	8,014	8,014	8,014	8,014
2	ALLISON 501K GAS TURBINE.....	9,162	9,162	9,162	9,162
3	OTHER PROPULSION EQUIPMENT.....	---	2,000	4,000	4,800
NAVIGATION EQUIPMENT					
4	OTHER NAVIGATION EQUIPMENT.....	34,743	32,249	34,743	32,249
PERISCOPES					
5	SUB PERISCOPES & IMAGING EQUIP.....	75,127	70,027	70,127	70,027
OTHER SHIPBOARD EQUIPMENT					
6	DDG MOD.....	142,262	111,366	145,362	144,742
7	FIREFIGHTING EQUIPMENT.....	11,423	11,423	11,423	11,423
8	COMMAND AND CONTROL SWITCHBOARD.....	4,383	4,383	4,383	4,383
9	POLLUTION CONTROL EQUIPMENT.....	24,992	23,832	24,992	23,832
10	SUBMARINE SUPPORT EQUIPMENT.....	16,867	16,867	16,867	16,867
11	VIRGINIA CLASS SUPPORT EQUIPMENT.....	103,153	103,153	93,673	93,673
12	SUBMARINE BATTERIES.....	51,482	41,582	51,482	45,082
13	STRATEGIC PLATFORM SUPPORT EQUIP.....	15,672	12,372	15,672	12,372
14	DSSP EQUIPMENT.....	10,641	10,641	10,641	10,641
15	CG-MODERNIZATION.....	315,323	314,123	315,323	314,123
16	LCAC.....	6,642	6,642	6,642	6,642
18	UNDERWATER EOD PROGRAMS.....	19,232	16,182	19,232	19,232
19	ITEMS LESS THAN \$5 MILLION.....	127,554	123,388	121,030	118,808
20	CHEMICAL WARFARE DETECTORS.....	8,899	8,899	8,899	8,899
21	SUBMARINE LIFE SUPPORT SYSTEM.....	14,721	14,721	14,721	14,721

(In thousands of dollars)

	Budget	House	Senate	Recommendation
REACTOR PLANT EQUIPMENT				
23 REACTOR COMPONENTS.....	262,354	262,354	262,354	262,354
OCEAN ENGINEERING				
24 DIVING AND SALVAGE EQUIPMENT.....	5,304	5,304	5,304	5,304
SMALL BOATS				
25 STANDARD BOATS.....	35,318	37,318	68,518	52,018
TRAINING EQUIPMENT				
26 OTHER SHIPS TRAINING EQUIPMENT.....	15,113	13,507	15,113	13,507
PRODUCTION FACILITIES EQUIPMENT				
27 OPERATING FORCES IPE.....	47,172	47,172	51,372	51,372
OTHER SHIP SUPPORT				
28 NUCLEAR ALTERATIONS.....	136,683	136,683	136,683	136,683
29 LCS MODULES.....	137,259	92,204	52,926	117,259
30 LSD MIDLIFE.....	117,856	116,786	117,856	116,786
29 TOTAL, SHIPS SUPPORT EQUIPMENT.....	1,757,351	1,652,354	1,696,514	1,724,975
COMMUNICATIONS AND ELECTRONICS EQUIPMENT				
SHIP RADARS				
31 RADAR SUPPORT.....	9,968	13,968	9,968	13,168
SHIP SONARS				
32 SPQ-9B RADAR.....	13,476	13,476	13,476	13,476
33 AN/SQQ-89 SURF ASW COMBAT SYSTEM.....	111,093	77,362	95,593	77,362
34 SSN ACOUSTICS.....	299,962	291,832	303,962	297,682
35 UNDERSEA WARFARE SUPPORT EQUIPMENT.....	38,705	30,548	38,705	30,548
36 SONAR SWITCHES AND TRANSDUCERS.....	13,537	11,894	13,537	11,894
ASW ELECTRONIC EQUIPMENT				
37 SUBMARINE ACOUSTIC WARFARE SYSTEM.....	20,681	22,681	12,881	13,481
38 SSTD.....	2,184	17,184	2,184	10,184
39 FIXED SURVEILLANCE SYSTEM.....	63,017	63,017	63,017	63,017
40 SURTASS.....	24,108	24,108	24,108	24,108
41 TACTICAL SUPPORT CENTER.....	22,464	22,464	22,464	22,464
ELECTRONIC WARFARE EQUIPMENT				
42 AN/SLQ-32.....	34,264	31,267	34,264	31,267
RECONNAISSANCE EQUIPMENT				
43 SHIPBOARD IW EXPLOIT.....	105,883	106,883	88,883	89,683
SUBMARINE SURVEILLANCE EQUIPMENT				
44 SUBMARINE SUPPORT EQUIPMENT PROG.....	98,645	83,495	86,495	86,495
OTHER SHIP ELECTRONIC EQUIPMENT				
46 COOPERATIVE ENGAGEMENT CAPABILITY.....	30,522	28,922	30,522	28,922
47 GCCS-M EQUIPMENT.....	13,594	13,594	13,594	13,594

(In thousands of dollars)

	Budget	House	Senate	Recommendation
48 NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS).....	35,933	35,933	35,933	35,933
49 ATDLS.....	7,314	7,314	4,314	4,314
50 MINESWEEPING SYSTEM REPLACEMENT.....	79,091	69,285	74,291	72,285
51 SHALLOW WATER MCM.....	7,835	7,835	7,835	7,835
52 NAVSTAR GPS RECEIVERS (SPACE).....	10,845	7,965	10,845	7,965
53 ARMED FORCES RADIO AND TV.....	3,333	3,333	3,333	3,333
54 STRATEGIC PLATFORM SUPPORT EQUIP.....	4,149	4,149	4,149	4,149
TRAINING EQUIPMENT				
55 OTHER TRAINING EQUIPMENT.....	36,784	35,654	36,784	35,654
AVIATION ELECTRONIC EQUIPMENT				
56 MATCALs.....	17,468	12,168	17,468	14,768
57 SHIPBOARD AIR TRAFFIC CONTROL.....	7,970	7,970	7,970	7,970
58 AUTOMATIC CARRIER LANDING SYSTEM.....	18,878	17,878	18,878	17,878
59 NATIONAL AIR SPACE SYSTEM.....	28,988	28,988	28,988	28,988
60 AIR STATION SUPPORT EQUIPMENT.....	8,203	8,203	8,203	8,203
61 MICROWAVE LANDING SYSTEM.....	10,526	10,526	10,526	10,526
62 ID SYSTEMS.....	38,682	38,682	38,682	38,682
63 TAC A/C MISSION PLANNING SYS(TAMPS).....	9,102	9,102	9,102	9,102
OTHER SHORE ELECTRONIC EQUIPMENT				
64 DEPLOYABLE JOINT COMMAND AND CONT.....	8,719	11,719	8,719	11,119
65 TADIX-B.....	793	793	793	793
66 GCCS-M EQUIPMENT TACTICAL/MOBILE.....	11,820	11,820	11,820	11,820
67 COMMON IMAGERY GROUND SURFACE SYSTEMS.....	27,632	27,632	27,632	27,632
68 CANES.....	1,181	1,181	1,181	1,181
69 RADIAC.....	5,990	5,990	5,990	5,990
70 GPETE.....	3,737	3,737	3,737	3,737
71 INTEG COMBAT SYSTEM TEST FACILITY.....	4,423	4,423	4,423	4,423
72 EMI CONTROL INSTRUMENTATION.....	4,778	4,778	4,778	4,778
73 ITEMS LESS THAN \$5 MILLION.....	65,760	57,706	68,760	60,106
SHIPBOARD COMMUNICATIONS				
76 SHIP COMMUNICATIONS AUTOMATION.....	310,605	263,625	290,305	282,105
77 AN/URC-82 RADIO.....	4,913	4,913	4,913	4,913
78 COMMUNICATIONS ITEMS UNDER \$5M.....	25,314	25,314	26,554	26,054

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
SUBMARINE COMMUNICATIONS				
79 SUBMARINE BROADCAST SUPPORT.....	105	105	105	105
80 SUBMARINE COMMUNICATION EQUIPMENT.....	48,729	48,729	48,729	48,729
SATELLITE COMMUNICATIONS				
81 SATELLITE COMMUNICATIONS SYSTEMS.....	50,172	43,747	48,572	48,572
82 NAVY MULTIBAND TERMINAL (NMT).....	72,496	72,496	63,196	63,196
SHORE COMMUNICATIONS				
83 JCS COMMUNICATIONS EQUIPMENT.....	2,322	2,322	2,322	2,322
84 ELECTRICAL POWER SYSTEMS.....	1,293	1,293	1,293	1,293
85 NAVAL SHORE COMMUNICATIONS.....	2,542	2,542	2,542	2,542
CRYPTOGRAPHIC EQUIPMENT				
86 INFO SYSTEMS SECURITY PROGRAM (ISSP).....	119,054	116,754	110,554	110,554
CRYPTOLOGIC EQUIPMENT				
87 CRYPTOLOGIC COMMUNICATIONS EQUIP.....	16,839	16,839	16,839	16,839
OTHER ELECTRONIC SUPPORT				
88 COAST GUARD EQUIPMENT.....	18,892	18,892	18,892	18,892
-----				
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....	2,035,313	1,905,030	1,943,603	1,892,625
AVIATION SUPPORT EQUIPMENT				
SONOBUOYS				
90 SONOBUOYS - ALL TYPES.....	91,976	89,976	91,976	89,976
AIRCRAFT SUPPORT EQUIPMENT				
91 WEAPONS RANGE SUPPORT EQUIPMENT.....	75,329	72,829	92,329	88,929
92 EXPEDITIONARY AIRFIELDS.....	8,343	8,343	8,343	8,343
93 AIRCRAFT REARMING EQUIPMENT.....	12,850	12,850	12,850	12,850
94 AIRCRAFT LAUNCH & RECOVERY EQUIPMENT.....	48,670	44,849	46,849	39,806
95 METEOROLOGICAL EQUIPMENT.....	21,458	21,458	14,558	14,558
96 OTHER PHOTOGRAPHIC EQUIPMENT.....	1,582	1,582	1,582	1,582
97 AVIATION LIFE SUPPORT.....	27,367	29,867	32,367	30,367
98 AIRBORNE MINE COUNTERMEASURES.....	55,408	55,408	51,408	51,408
99 LAMPS MK III SHIPBOARD EQUIPMENT.....	23,694	23,694	23,694	23,694
100 PORTABLE ELECTRONIC MAINTENANCE AIDS.....	9,710	9,710	4,910	4,910
101 OTHER AVIATION SUPPORT EQUIPMENT.....	16,541	13,541	16,541	13,541
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TOTAL, AVIATION SUPPORT EQUIPMENT.....	392,928	384,107	397,407	379,964

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
ORDNANCE SUPPORT EQUIPMENT				
SHIP GUN SYSTEM EQUIPMENT				
102 NAVAL FIRES CONTROL SYSTEM.....	1,391	1,391	1,391	1,391
103 GUN FIRE CONTROL EQUIPMENT.....	7,891	7,891	7,891	7,891
SHIP MISSILE SYSTEMS EQUIPMENT				
104 NATO SEASPARROW.....	13,556	13,556	13,556	13,556
105 RAM GMLS.....	7,762	7,762	8,762	8,762
106 SHIP SELF DEFENSE SYSTEM.....	34,079	34,079	34,079	34,079
107 AEGIS SUPPORT EQUIPMENT.....	108,886	101,733	108,886	101,733
108 TOMAHAWK SUPPORT EQUIPMENT.....	88,475	88,475	88,475	88,475
109 VERTICAL LAUNCH SYSTEMS.....	5,513	5,513	5,513	5,513
FBM SUPPORT EQUIPMENT				
110 STRATEGIC MISSILE SYSTEMS EQUIP.....	155,579	155,579	155,579	155,579
ASW SUPPORT EQUIPMENT				
111 SSN COMBAT CONTROL SYSTEMS.....	118,528	113,563	118,528	113,563
112 SUBMARINE ASW SUPPORT EQUIPMENT.....	5,200	5,200	5,200	5,200
113 SURFACE ASW SUPPORT EQUIPMENT.....	13,646	13,646	13,646	13,646
114 ASW RANGE SUPPORT EQUIPMENT.....	7,256	7,256	7,256	7,256
OTHER ORDNANCE SUPPORT EQUIPMENT				
115 EXPLOSIVE ORDNANCE DISPOSAL EQUIP.....	54,069	54,069	54,069	54,069
116 ITEMS LESS THAN \$5 MILLION.....	3,478	3,478	3,478	3,478
OTHER EXPENDABLE ORDNANCE				
117 ANTI-SHIP MISSILE DECOY SYSTEM.....	37,128	29,978	37,128	33,628
118 SURFACE TRAINING DEVICE MODS.....	7,430	7,430	7,430	7,430
119 SUBMARINE TRAINING DEVICE MODS.....	25,271	25,271	25,271	25,271
TOTAL, ORDNANCE SUPPORT EQUIPMENT.....	695,138	675,870	696,138	680,520
CIVIL ENGINEERING SUPPORT EQUIPMENT				
120 PASSENGER CARRYING VEHICLES.....	4,139	4,139	4,139	4,139
121 GENERAL PURPOSE TRUCKS.....	1,731	1,731	1,731	1,731
122 CONSTRUCTION & MAINTENANCE EQUIP.....	12,931	12,931	12,931	12,931
123 FIRE FIGHTING EQUIPMENT.....	12,976	12,976	12,976	12,976
124 TACTICAL VEHICLES.....	25,352	25,352	25,352	25,352
125 AMPHIBIOUS EQUIPMENT.....	2,950	2,950	2,950	2,950

(In thousands of dollars)

	Budget	House	Senate	Recommendation
126 POLLUTION CONTROL EQUIPMENT.....	5,097	5,097	5,097	5,097
127 ITEMS UNDER \$5 MILLION.....	23,787	23,787	23,787	23,787
128 PHYSICAL SECURITY VEHICLES.....	1,115	1,115	1,115	1,115
TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT.....	90,078	90,078	90,078	90,078
SUPPLY SUPPORT EQUIPMENT				
SUPPLY SUPPORT EQUIPMENT				
129 MATERIALS HANDLING EQUIPMENT.....	17,153	17,153	17,153	17,153
130 OTHER SUPPLY SUPPORT EQUIPMENT.....	6,368	6,368	10,368	9,568
131 FIRST DESTINATION TRANSPORTATION.....	6,217	6,217	6,217	6,217
132 SPECIAL PURPOSE SUPPLY SYSTEMS.....	71,597	71,597	71,597	71,597
TOTAL, SUPPLY SUPPORT EQUIPMENT.....	101,335	101,335	105,335	104,535
PERSONNEL AND COMMAND SUPPORT EQUIPMENT				
TRAINING DEVICES				
133 TRAINING SUPPORT EQUIPMENT.....	12,944	11,728	12,944	11,728
COMMAND SUPPORT EQUIPMENT				
134 COMMAND SUPPORT EQUIPMENT.....	55,267	51,682	52,267	48,682
135 EDUCATION SUPPORT EQUIPMENT.....	2,084	2,084	2,084	2,084
136 MEDICAL SUPPORT EQUIPMENT.....	5,517	2,092	5,517	5,517
137 NAVAL MIP SUPPORT EQUIPMENT.....	1,537	1,537	1,537	1,537
139 OPERATING FORCES SUPPORT EQUIPMENT.....	12,250	12,250	12,250	12,250
140 C4ISR EQUIPMENT.....	5,324	5,324	5,324	5,324
141 ENVIRONMENTAL SUPPORT EQUIPMENT.....	18,183	18,183	16,488	16,488
142 PHYSICAL SECURITY EQUIPMENT.....	128,921	126,921	128,921	126,921
143 ENTERPRISE INFORMATION TECHNOLOGY.....	79,747	87,247	65,747	70,747
TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT.....	321,774	319,048	303,079	301,278
145 SPARES AND REPAIR PARTS.....	247,796	247,796	247,796	247,796
999 CLASSIFIED PROGRAMS.....	19,463	19,463	19,463	19,463
TOTAL, OTHER PROCUREMENT, NAVY.....	5,661,176	5,395,081	5,499,413	5,441,234

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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

P-1		Budget Request	House	Senate	Recommendation
3	<b>OTHER PROPULSION EQUIPMENT</b>	0	2,000	4,000	4,800
	LSD-41/49 Diesel Engine Low Load Upgrade Kit		2,000		1,600
	LCS-1 Waterjet Spares			4,000	3,200
4	<b>OTHER NAVIGATION EQUIPMENT</b>	34,743	32,249	34,743	32,249
	ECDIS-N units ahead of need		-1,494		-1,494
	Support funding carryover		-1,000		-1,000
5	<b>SUB PERISCOPES &amp; IMAGING EQUIP</b>	75,127	70,027	70,127	70,027
	Digital periscope contract delay		-5,100		-5,100
	ISNS contract delay			-5,000	
6	<b>DDG MOD</b>	142,262	111,366	145,362	144,742
	Modernization equipment ahead of need		-30,896		
	Smart Valve Automatic Fire Suppression System			3,100	2,480
9	<b>POLLUTION CONTROL EQUIPMENT</b>	24,992	23,832	24,992	23,832
	R-114 air conditioning units ahead of need		-1,160		-1,160
11	<b>VIRGINIA CLASS SUPPORT EQUIPMENT</b>	103,153	103,153	93,673	93,673
	HM&E/NPES tech refresh contract delay			-9,480	-9,480
12	<b>SUBMARINE BATTERIES</b>	51,482	41,582	51,482	45,082
	688 class installation funding ahead of need		-4,900		-4,900
	Ohio class installation funding ahead of need		-3,500		
	Support funding carryover		-1,500		-1,500
13	<b>STRATEGIC PLATFORM SUPPORT EQUIP</b>	15,672	12,372	15,672	12,372
	Incremental funding of SSTG rotors		-3,300		-3,300
15	<b>CG-MODERNIZATION</b>	315,323	314,123	315,323	314,123
	Properly price SPQ-9B radar equipment		-1,200		-1,200
18	<b>UNDERWATER EOD PROGRAMS</b>	19,232	16,182	19,232	19,232
	UUV, diver safety, and life support equipment cost growth		-3,050		
19	<b>ITEMS LESS THAN \$5 MILLION</b>	127,554	123,388	121,030	118,808
	FFG-7 class diesel cost growth		-494		-494
	CVN Smartship modification cost growth		-1,369		-1,369
	CVN auto voltage regulators ahead of need		-3,600		-3,600
	AS-39 elevator upgrade ahead of need		-703		-703
	Secure Remote Monitoring Systems		2,000		1,600
	Canned Lube Pumps LHD-1 Class			1,000	800
	Remote Monitoring and Troubleshooting Project			2,900	2,320
	Auto voltage regulator reduction to growth			-3,124	
	LPD-17 Forcenet installation ahead of need			-3,800	-3,800
	Machinery Plant Upgrades installation ahead of need			-3,500	-3,500
25	<b>STANDARD BOATS</b>	35,318	37,318	68,518	52,018
	Force Protection Boats (Small)		2,000	2,000	2,000
	Range support craft recapitalization			25,000	8,500
	Dive Boats			2,000	2,000
	Fuel Oil Barge (YON)			4,200	4,200

P-1		Budget Request	House	Senate	Recommendation
26	OTHER SHIPS TRAINING EQUIPMENT	15,113	13,507	15,113	13,507
	Virginia class submarine air conditioner trainer cost growth		-1,606		-1,606
27	OPERATING FORCES IPE	47,172	47,172	51,372	51,372
	Pearl Harbor Naval Shipyard Equipment Modernization			4,200	4,200
29	LCS MODULES	137,259	92,204	52,926	117,259
	Mission Package Integration funding		-17,955		-12,000
	Align Mission Package procurement with LCS schedule		-27,100		
	Defer MCM Mission Package			-76,333	
	RMS transfer to RDTE, Navy line number 32			-8,000	-8,000
30	LSD MIDLIFE	117,856	116,786	117,856	116,786
	30 ton deck crane ahead of need		-1,070		-1,070
31	RADAR SUPPORT	9,968	13,968	9,968	13,168
	Enhanced Detection Adjunct Processor		4,000		3,200
33	AN/SQQ-89 SURF ASW COMBAT SYSTEM	111,093	77,362	95,593	77,362
	SQQ-89 backfit suites ahead of need		-23,250		-23,250
	SQQ-89 backfit suites cost growth		-1,230		-1,230
	SQQ-89 IPS suites ahead of need		-7,751		-7,751
	Support funding carryover		-1,500		-1,500
	Contract delay			-15,500	
34	SSN ACOUSTICS	299,962	291,832	303,962	297,682
	TB-33 fiber optic array receivers cost growth		-1,850		
	BQS-15A EC-20 processor cost growth		-1,590		-1,590
	Phase III/IV technology insertion upgrade cost growth		-1,590		-1,590
	Support funding carryover		-3,100		-3,100
	TB-33 Thinline Towed Array			4,000	4,000
35	UNDERSEA WARFARE SUPPORT EQUIPMENT	38,705	30,548	38,705	30,548
	CVN tactical support center modifications ahead of need		-8,157		-8,157
36	SONAR SWITCHES AND TRANSDUCERS	13,537	11,894	13,537	11,894
	DT-699A and DT-592 component cost growth		-1,643		-1,643
37	SUBMARINE ACOUSTIC WARFARE SYSTEM	20,681	22,681	12,881	13,481
	Hydroacoustic Low Frequency Source Generation Systems		2,000	1,000	1,600
	Contract delays			-8,800	-8,800
38	SSTD	2,184	17,184	2,184	10,184
	Program Increase		15,000		8,000
42	AN/SLQ-32	34,264	31,267	34,264	31,267
	Support funding growth		-1,500		-1,500
	Block 1B2 specific emitter identification systems ahead of need		-1,497		-1,497
43	SHIPBOARD IW EXPLOIT	105,883	106,883	88,883	89,683
	AN/USQ-167 COMSEC Upgrade		1,000		800
	SSEE Inc F slow production ramp			-16,000	-16,000
	AIS funding carryover			-1,000	-1,000

P-1	Budget Request	House	Senate	Recommendation
<b>44 SUBMARINE SUPPORT EQUIPMENT PROG</b>	<b>98,645</b>	<b>83,495</b>	<b>86,495</b>	<b>86,495</b>
Multi-function Modular Mast units ahead of need		-15,150		
Multi-function Modular Mast contract delay			-15,150	-15,150
AN/BLQ-10A(V) Wideband Signal Processor			3,000	3,000
<b>46 COOPERATIVE ENGAGEMENT CAPABILITY</b>	<b>30,522</b>	<b>28,922</b>	<b>30,522</b>	<b>28,922</b>
Support funding carryover		-1,600		-1,600
<b>49 ATDLS</b>	<b>7,314</b>	<b>7,314</b>	<b>4,314</b>	<b>4,314</b>
Installation delays			-3,000	-3,000
<b>50 MINESWEEPING SYSTEM REPLACEMENT</b>	<b>79,091</b>	<b>69,285</b>	<b>74,291</b>	<b>72,285</b>
Magnetic silencing facility upgrades support funding growth		-5,000		-2,000
Remote minehunting system upgrades		-4,806		-4,806
RMS restructure			-4,800	
<b>52 NAVSTAR GPS RECEIVERS (SPACE)</b>	<b>10,845</b>	<b>7,965</b>	<b>10,845</b>	<b>7,965</b>
Anti-jam antennas ahead of need		-2,880		-2,880
<b>55 OTHER TRAINING EQUIPMENT</b>	<b>36,784</b>	<b>35,654</b>	<b>36,784</b>	<b>35,654</b>
Battle force tactical training and cryptor systems ahead of need		-1,130		-1,130
<b>56 MATCALs</b>	<b>17,468</b>	<b>12,168</b>	<b>17,468</b>	<b>14,768</b>
Air Surveillance and Precision Approach Radar cost growth		-5,300		-2,700
<b>58 AUTOMATIC CARRIER LANDING SYSTEM</b>	<b>18,878</b>	<b>17,878</b>	<b>18,878</b>	<b>17,878</b>
AN/URN-25 TACAN upgrade cost growth		-1,000		-1,000
<b>64 DEPLOYABLE JOINT COMMAND AND CONTROL</b>	<b>8,719</b>	<b>11,719</b>	<b>8,719</b>	<b>11,119</b>
Deployable Joint Command and Control Shelter Upgrade Program		3,000		2,400
<b>73 ITEMS LESS THAN \$5 MILLION</b>	<b>65,760</b>	<b>57,706</b>	<b>68,760</b>	<b>60,106</b>
AN/APA reliability kits ahead of need		-6,054		-6,054
Radar support growth		-2,000		-2,000
Radar Product Support System			3,000	2,400
<b>76 SHIP COMMUNICATIONS AUTOMATION</b>	<b>310,605</b>	<b>263,625</b>	<b>290,305</b>	<b>282,105</b>
Shipboard network systems ahead of need		-20,300		
SCI network modifications ahead of need		-6,200		-6,200
Digital network modifications ahead of need		-18,480		
Network operations center modifications ahead of need		-2,000		-2,000
ISNS Afloat early to need			-20,300	-20,300
<b>78 COMMUNICATIONS ITEMS UNDER \$5M</b>	<b>25,314</b>	<b>25,314</b>	<b>26,554</b>	<b>26,054</b>
HF ALE contract delay			-1,260	-1,260
Intelligraf Training and Maintenance Aid for Above Water Sensors			2,500	2,000
<b>81 SATELLITE COMMUNICATIONS SYSTEMS</b>	<b>50,172</b>	<b>43,747</b>	<b>48,572</b>	<b>48,572</b>
SUBHDR SHF modification kits ahead of need		-2,025		
Broadband satellite network modifications ahead of need		-4,400		
CBSP installation delays			-1,600	-1,600
<b>82 NAVY MULTIBAND TERMINAL (NMT)</b>	<b>72,496</b>	<b>72,496</b>	<b>63,196</b>	<b>63,196</b>
NMT Ship ahead of need			-9,300	-9,300

P-1		Budget Request	House	Senate	Recommendation
86	INFO SYSTEMS SECURITY PROGRAM (ISSP)	119,054	116,754	110,554	110,554
	Computer network defense systems ahead of need		-2,300		
	CND program delay			-4,000	-4,000
	KMI ahead of need			-4,500	-4,500
90	SONOBUOYS - ALL TYPES	91,976	89,976	91,976	89,976
	Production engineering carryover		-2,000		-2,000
91	WEAPONS RANGE SUPPORT EQUIPMENT	75,329	72,829	92,329	88,929
	Production engineering carryover		-2,500		-1,000
	Range Support Enhancements			15,000	13,000
	Hawaiian Range Complex			2,000	1,600
94	AIRCRAFT LAUNCH & RECOVERY EQUIPMENT	48,670	44,849	46,849	39,806
	ADMACS Block II upgrade cost growth		-1,821		
	Production engineering carryover		-2,000		-2,000
	ADMACS Block 2 program delay			-1,821	-6,864
95	METEOROLOGICAL EQUIPMENT	21,458	21,458	14,558	14,558
	Defer METMF LRIP			-6,900	-6,900
97	AVIATION LIFE SUPPORT	27,367	29,867	32,367	30,367
	Multi-Climate Protection System		2,500	8,000	6,400
	Advanced Mission Extender Device Kits			2,000	1,600
	JHMCS Night Vision contract delay			-5,000	-5,000
98	AIRBORNE MINE COUNTERMEASURES	55,408	55,408	51,408	51,408
	AMNS funding carryover			-4,000	-4,000
100	PORTABLE ELECTRONIC MAINTENANCE AIDS	9,710	9,710	4,910	4,910
	Reduction to growth			-4,800	-4,800
101	OTHER AVIATION SUPPORT EQUIPMENT	16,541	13,541	16,541	13,541
	Program growth		-3,000		-3,000
105	RAM GMLS	7,762	7,762	8,762	8,762
	RAM Mark 49 Mod 3 Launcher Obsolescence/Affordability			1,000	1,000
107	AEGIS SUPPORT EQUIPMENT	108,886	101,733	108,886	101,733
	Smartship modifications ahead of need		-8,153		-8,153
	Adaptive Diagnostic Electronic Portable Testset		1,000		1,000
111	SSN COMBAT CONTROL SYSTEMS	118,528	113,563	118,528	113,563
	SSN 688 class technology insertion upgrade cost growth		-4,965		-4,965
117	ANTI-SHIP MISSILE DECOY SYSTEM	37,128	29,978	37,128	33,628
	Nulka decoy cost growth		-7,150		-3,500
130	OTHER SUPPLY SUPPORT EQUIPMENT	6,368	6,368	10,368	9,568
	Navy AIT Logistics Modernization			4,000	3,200
133	TRAINING SUPPORT EQUIPMENT	12,944	11,728	12,944	11,728
	Continuing training environment equipment cost growth		-1,216		-1,216
134	COMMAND SUPPORT EQUIPMENT	55,267	51,682	52,267	48,682
	MH/MOC upgrades cost growth		-3,585		-3,585
	National Small Unit Center of Excellence			-3,000	-3,000

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<b>P-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>136 MEDICAL SUPPORT EQUIPMENT</b> Commercial broadband satellite program	<b>5,517</b>	<b>2,092</b> <b>-3,425</b>	<b>5,517</b>	<b>5,517</b>
<b>141 ENVIRONMENTAL SUPPORT EQUIPMENT</b> Wx Detection Display and Shallow Water Sismic System ahead of need	<b>18,183</b>	<b>18,183</b>	<b>16,488</b> <b>-1,695</b>	<b>16,488</b> <b>-1,695</b>
<b>142 PHYSICAL SECURITY EQUIPMENT</b> Maritime Civil Affairs Group Activities growth	<b>128,921</b>	<b>126,921</b> <b>-2,000</b>	<b>128,921</b>	<b>126,921</b> <b>-2,000</b>
<b>143 ENTERPRISE INFORMATION TECHNOLOGY</b> SPAWAR Systems Center (SSC/ITC) New Orleans Base Level Information Infrastructure contract delay	<b>79,747</b>	<b>87,247</b> <b>7,500</b>	<b>65,747</b> <b>1,000</b> <b>-15,000</b>	<b>70,747</b> <b>6,000</b> <b>-15,000</b>

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## SHIP SERVICE TURBINE GENERATOR ROTORS

The budget request includes \$3,330,000 for an Ohio-class submarine Ship's Service Turbine Generator (SSTG) rotor. The recommendation provides no funds for the rotor because the procurement does not result in a usable end item in violation of the full funding policy. The Secretary of the Navy is urged to submit a fiscal year 2010 reprogramming request that fully funds the SSTG rotor in order to support the planned installation schedule.

## WEAPONS RANGE SUPPORT EQUIPMENT

Due to carryover of production engineering funding in the weapons range support equipment program, the recommendation reduces the program by \$1,000,000. This reduction is to be applied only against the fiscal year 2010 production engineering funding and shall not reduce funds available for completion of auxiliary systems in support of Magnetic Silencing Facility military construction.

## PROCUREMENT, MARINE CORPS

For Procurement, Marine Corps, funds are to be available for fiscal  
year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
PROCUREMENT, MARINE CORPS				
WEAPONS AND COMBAT VEHICLES				
TRACKED COMBAT VEHICLES				
1 AAV7A1 PIP.....	9,127	9,127	6,154	6,154
2 LAV PIP.....	34,969	34,969	34,969	34,969
ARTILLERY AND OTHER WEAPONS				
5 EXPEDITIONARY FIRE SUPPORT SYSTEM.....	19,591	19,591	19,591	19,591
6 155MM LIGHTWEIGHT TOWED HOWITZER.....	7,420	---	7,420	7,420
7 HIGH MOBILITY ARTILLERY ROCKET SYSTEM.....	71,476	71,476	71,476	71,476
8 WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION.....	25,949	25,949	16,158	16,158
WEAPONS				
OTHER SUPPORT				
10 MODIFICATION KITS.....	33,990	34,990	33,990	34,790
11 WEAPONS ENHANCEMENT PROGRAM.....	22,238	22,238	22,238	22,238
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TOTAL, WEAPONS AND COMBAT VEHICLES.....	224,760	218,340	211,996	212,796
GUIDED MISSILES AND EQUIPMENT				
GUIDED MISSILES				
12 GROUND BASED AIR DEFENSE.....	11,387	11,387	11,387	11,387
14 FOLLOW ON TO SMAW.....	25,333	25,333	---	---
15 ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H).....	71,225	71,225	71,225	71,225
OTHER SUPPORT				
16 MODIFICATION KITS.....	2,114	2,114	2,114	2,114
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TOTAL, GUIDED MISSILES AND EQUIPMENT.....	110,059	110,059	84,726	84,726

(In thousands of dollars)

	Budget	House	Senate	Recommendation	
COMMUNICATIONS AND ELECTRONICS EQUIPMENT					
COMMAND AND CONTROL SYSTEMS					
17	COMBAT OPERATIONS CENTER.....	19,832	19,832	19,832	19,832
REPAIR AND TEST EQUIPMENT					
18	REPAIR AND TEST EQUIPMENT.....	31,087	32,587	31,087	32,287
OTHER SUPPORT (TEL)					
19	COMBAT SUPPORT SYSTEM.....	11,368	11,368	11,368	11,368
21	ITEMS UNDER \$5 MILLION (COMM & ELEC).....	3,531	3,531	3,531	3,531
22	AIR OPERATIONS C2 SYSTEMS.....	45,084	45,084	45,084	45,084
RADAR + EQUIPMENT (NON-TEL)					
23	RADAR SYSTEMS.....	7,428	7,428	7,428	7,428
INTELL/COMM EQUIPMENT (NON-TEL)					
24	FIRE SUPPORT SYSTEM.....	2,580	2,580	2,580	2,580
25	INTELLIGENCE SUPPORT EQUIPMENT.....	37,581	37,581	33,270	33,270
26	RQ-11 UAV.....	42,403	42,403	28,580	28,580
OTHER COMM/ELEC EQUIPMENT (NON-TEL)					
27	NIGHT VISION EQUIPMENT.....	10,360	10,360	10,360	10,360
OTHER SUPPORT (NON-TEL)					
28	COMMON COMPUTER RESOURCES.....	115,263	115,263	115,263	115,263
29	COMMAND POST SYSTEMS.....	49,820	49,820	49,820	49,820
30	RADIO SYSTEMS.....	61,954	49,090	61,954	49,090
31	COMM SWITCHING & CONTROL SYSTEMS.....	98,254	92,254	98,254	92,254
32	COMM & ELEC INFRASTRUCTURE SUPPORT.....	15,531	15,531	15,531	15,531
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....					
		552,076	534,712	533,942	516,278

(In thousands of dollars)

	Budget	House	Senate	Recommendation	
SUPPORT VEHICLES					
ADMINISTRATIVE VEHICLES					
33	COMMERCIAL PASSENGER VEHICLES.....	1,265	1,265	1,265	1,265
34	COMMERCIAL CARGO VEHICLES.....	13,610	13,610	13,610	13,610
TACTICAL VEHICLES					
35	5/4T TRUCK HMMWV (MYP).....	9,796	9,796	9,796	9,796
36	MOTOR TRANSPORT MODIFICATIONS.....	6,111	---	6,111	3,000
37	MEDIUM TACTICAL VEHICLE REPLACEMENT.....	10,792	10,792	10,792	10,792
38	LOGISTICS VEHICLE SYSTEM REP.....	217,390	220,390	217,390	217,390
39	FAMILY OF TACTICAL TRAILERS.....	26,497	26,497	19,070	21,470
40	TRAILERS.....	18,122	18,122	18,122	18,122
OTHER SUPPORT					
41	ITEMS LESS THAN \$5 MILLION.....	5,948	5,948	5,948	5,948
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	TOTAL, SUPPORT VEHICLES.....	309,531	306,420	302,104	301,393
ENGINEER AND OTHER EQUIPMENT					
ENGINEER AND OTHER EQUIPMENT					
42	ENVIRONMENTAL CONTROL EQUIP ASSORT.....	5,121	5,121	5,121	5,121
43	BULK LIQUID EQUIPMENT.....	13,035	13,035	16,135	16,135
44	TACTICAL FUEL SYSTEMS.....	35,059	35,059	35,059	35,059
45	POWER EQUIPMENT ASSORTED.....	21,033	21,033	31,033	30,033
46	AMPHIBIOUS SUPPORT EQUIPMENT.....	39,876	28,876	39,876	28,876
47	EOD SYSTEMS.....	93,335	93,335	93,335	93,335
MATERIALS HANDLING EQUIPMENT					
48	PHYSICAL SECURITY EQUIPMENT.....	12,169	13,169	12,169	13,169
49	GARRISON MOBILE ENGR EQUIP.....	11,825	11,825	11,825	11,825
50	MATERIAL HANDLING EQUIP.....	41,430	41,430	41,430	41,430
51	FIRST DESTINATION TRANSPORTATION.....	5,301	5,301	5,301	5,301

(In thousands of dollars)

	Budget	House	Senate	Recommendation
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GENERAL PROPERTY				
52 FIELD MEDICAL EQUIPMENT.....	6,811	6,811	6,811	6,811
53 TRAINING DEVICES.....	14,854	14,854	14,854	14,854
54 CONTAINER FAMILY.....	3,770	3,770	3,770	3,770
55 FAMILY OF CONSTRUCTION EQUIPMENT.....	37,735	37,735	37,735	37,735
56 FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV).....	10,360	10,360	10,360	10,360
58 RAPID DEPLOYABLE KITCHEN.....	2,159	2,159	2,159	2,159
OTHER SUPPORT				
59 ITEMS LESS THAN \$5 MILLION.....	8,792	8,792	8,792	8,792
TOTAL, ENGINEER AND OTHER EQUIPMENT.....	362,665	352,665	375,765	364,765
60 SPARES AND REPAIR PARTS.....	41,547	41,547	41,547	41,547
TOTAL, PROCUREMENT, MARINE CORPS.....	1,600,638	1,563,743	1,550,080	1,521,505
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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**  
**[In thousands of dollars]**

<b>P-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>1 AAV7A1 PIP</b> Survivability, C4I and Environment upgrade - funding ahead of need	<b>9,127</b>	<b>9,127</b>	<b>6,154</b>  <b>-2,973</b>	<b>6,154</b>  <b>-2,973</b>
<b>6 155MM LIGHTWEIGHT TOWED HOWITZER</b> Items previously purchased in the fiscal year 2009 supplemental	<b>7,420</b>	<b>0</b>  <b>-7,420</b>	<b>7,420</b>	<b>7,420</b>  <b>0</b>
<b>WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION</b>				
<b>8</b> Multiple Shot Grenade Launcher contract award delays	<b>25,949</b>	<b>25,949</b>	<b>16,158</b> <b>-9,791</b>	<b>16,158</b> <b>-9,791</b>
<b>10 MODIFICATION KITS</b> Microclimate Cooling Unit for M1 Abrams Tank	<b>33,990</b>	<b>34,990</b> <b>1,000</b>	<b>33,990</b>	<b>34,790</b> <b>800</b>
<b>14 FOLLOW ON TO SMAW</b> Funding ahead of need	<b>25,333</b>	<b>25,333</b>	<b>0</b> <b>-25,333</b>	<b>0</b> <b>-25,333</b>
<b>18 REPAIR AND TEST EQUIPMENT</b> Portable Military Radio Communications Test Set	<b>31,087</b>	<b>32,587</b> <b>1,500</b>	<b>31,087</b>	<b>32,287</b> <b>1,200</b>
<b>25 INTELLIGENCE SUPPORT EQUIPMENT</b> Wide Field of View Persistent Surveillance - requirement suspended	<b>37,581</b>	<b>37,581</b>	<b>33,270</b>  <b>-4,311</b>	<b>33,270</b>  <b>-4,311</b>
<b>26 RQ-11 UAV</b> Tier II UAS procurement funding ahead of need	<b>42,403</b>	<b>42,403</b>	<b>28,580</b> <b>-13,823</b>	<b>28,580</b> <b>-13,823</b>
<b>30 RADIO SYSTEMS</b> Unjustified miscellaneous funding requirements	<b>61,954</b>	<b>49,090</b> <b>-12,864</b>	<b>61,954</b>	<b>49,090</b> <b>-12,864</b>
<b>31 COMM SWITCHING &amp; CONTROL SYSTEMS</b> Items previously purchased in the fiscal year 2009 supplemental	<b>98,254</b>	<b>92,254</b> <b>-6,000</b>	<b>98,254</b>	<b>92,254</b> <b>-6,000</b>
<b>36 MOTOR TRANSPORT MODIFICATIONS</b> Items previously purchased in the fiscal year 2009 supplemental	<b>6,111</b>	<b>0</b>  <b>-6,111</b>	<b>6,111</b>	<b>3,000</b>  <b>-3,111</b>
<b>38 LOGISTICS VEHICLE SYSTEM REPLACEMENT</b> Marine Corps MK 1077 Flatracks (Transferred to line number 39)	<b>217,390</b>	<b>220,390</b> <b>3,000</b>	<b>217,390</b>	<b>217,390</b> <b>0</b>
<b>39 FAMILY OF TACTICAL TRAILERS</b> Flat Rack Refueling capability - production delays Marine Corps MK 1077 Flatracks (Transferred from line number 38)	<b>26,497</b>	<b>26,497</b>	<b>19,070</b> <b>-7,427</b>	<b>21,470</b> <b>-7,427</b>  <b>2,400</b>
<b>43 BULK LIQUID EQUIPMENT</b> Nitrile Rubber Collapsible Fuel Bladders	<b>13,035</b>	<b>13,035</b>	<b>16,135</b> <b>3,100</b>	<b>16,135</b> <b>3,100</b>
<b>45 POWER EQUIPMENT ASSORTED</b> On Board Vehicle Power Kits for USMC MTRV Trucks	<b>21,033</b>	<b>21,033</b>	<b>31,033</b> <b>10,000</b>	<b>30,033</b> <b>9,000</b>

P-1	Budget Request	House	Senate	Recommendation
46 AMPHIBIOUS SUPPORT EQUIPMENT Items previously purchased in the fiscal year 2009 supplemental	39,876	28,876	39,876	28,876
		-11,000		-11,000
48 PHYSICAL SECURITY EQUIPMENT Portable Armored Wall System	12,169	13,169	12,169	13,169
		1,000		1,000

# AIRCRAFT PROCUREMENT, AIR FORCE

For Aircraft Procurement, Air Force, funds are to be available for  
fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation	
-----					
AIRCRAFT PROCUREMENT, AIR FORCE					
COMBAT AIRCRAFT					
TACTICAL FORCES					
1	F-35.....	2,048,830	2,067,430	2,048,830	2,083,830
2	F-35 (AP-CY).....	300,600	278,600	278,600	278,600
3	F-22A.....	95,163	31,163	95,163	95,163
4	F-22A (AP-CY).....	---	368,800	---	---
-----					
TOTAL, COMBAT AIRCRAFT.....					
		2,444,593	2,745,993	2,422,593	2,457,593
AIRLIFT AIRCRAFT					
TACTICAL AIRLIFT					
5	C-17A (HYP).....	88,510	762,610	2,588,510	2,588,510
OTHER AIRLIFT					
6	C-130J.....	285,632	285,632	285,632	285,632
7	C-130J ADVANCE PROCUREMENT (CY).....	108,000	108,000	108,000	108,000
8	HC/MC-130 RECAP.....	879,231	375,231	375,231	375,231
9	HC/MC-130 RECAP (AP-CY).....	137,360	137,360	137,360	137,360
10	JOINT CARGO AIRCRAFT.....	319,050	319,050	319,050	319,050
-----					
TOTAL, AIRLIFT AIRCRAFT.....					
		1,817,783	1,987,883	3,813,783	3,813,783
TRAINER AIRCRAFT					
11	USAFA POWERED FLIGHT PROGRAM.....	4,144	4,144	4,144	4,144
OPERATIONAL TRAINERS					
12	JPATS.....	15,711	15,711	15,711	15,711
OTHER AIRCRAFT					
HELICOPTERS					
13	V-22 OSPREY.....	437,272	437,272	437,272	437,272
14	V-22 OSPREY (AP-CY).....	13,835	13,835	13,835	13,835
14A	HH-60H.....	---	140,000	75,000	95,200
MISSION SUPPORT AIRCRAFT					
21	C-37.....	66,400	199,200	66,400	66,400
17	C-40.....	154,044	354,044	154,044	154,044
18	CIVIL AIR PATROL A/C.....	2,426	7,426	2,426	6,426

(In thousands of dollars)

	Budget	House	Senate	Recommendation
OTHER AIRCRAFT				
20 TARGET DRONES.....	78,511	78,511	74,711	74,711
22 GLOBAL HAWK.....	554,775	275,118	554,775	554,775
23 GLOBAL HAWK (AP-CY).....	113,049	63,049	113,049	113,049
25 MQ-9.....	489,469	489,469	489,469	489,469
23 TOTAL, OTHER AIRCRAFT.....	1,909,781	2,057,924	1,980,981	2,005,181
MODIFICATION OF INSERVICE AIRCRAFT				
STRATEGIC AIRCRAFT				
26 B-2A.....	283,955	264,155	247,855	247,855
28 B-1B.....	107,558	78,558	78,558	78,558
29 B-52.....	78,788	61,466	61,466	61,466
TACTICAL AIRCRAFT				
30 A-10.....	252,488	252,488	252,488	252,488
31 F-15.....	92,921	132,271	92,921	119,171
32 F-16.....	224,642	221,875	223,875	223,475
33 F-22A.....	350,735	187,295	177,335	177,335
AIRLIFT AIRCRAFT				
34 C-5.....	606,993	550,414	561,893	561,893
35 C-5 (AP-CY).....	108,300	108,300	108,300	108,300
36 C-9C.....	10	10	10	10
37 C-17A.....	469,731	317,174	424,431	352,331
38 C-21.....	562	562	562	562
39 C-32A.....	10,644	10,644	1,744	1,744
40 C-37A.....	4,336	4,336	436	436
TRAINER AIRCRAFT				
41 GLIDER MODS.....	119	119	119	119
42 T6.....	33,074	33,074	33,074	33,074
43 T-1.....	35	35	35	35
44 T-38.....	75,274	61,057	61,057	61,057
OTHER AIRCRAFT				
46 KC-10A (ATCA).....	9,441	9,441	9,441	9,441
47 C-12.....	472	472	472	472
48 MC-12W.....	63,000	63,000	63,000	63,000
49 C-20 MODS.....	734	734	734	734
50 VC-25A MOD.....	15,610	15,610	15,610	15,610
51 C-40.....	9,162	9,162	262	262

(In thousands of dollars)

	Budget	House	Senate	Recommendation
52 C-130.....	354,421	99,965	146,171	181,675
53 C130J MODS.....	13,627	13,627	8,527	8,527
54 C-135.....	150,425	119,725	150,425	131,625
55 COMPASS CALL MODS.....	29,187	29,187	29,187	29,187
56 DARP.....	107,859	54,810	107,859	107,859
57 E-3.....	79,263	79,263	79,263	79,263
58 E-4.....	73,058	73,058	73,058	73,058
59 E-8.....	225,973	225,973	21,073	75,073
60 H-1.....	18,280	18,280	18,280	18,280
61 H-60.....	14,201	115,401	14,201	64,201
62 GLOBAL HAWK MODS.....	134,864	134,864	134,864	134,864
63 HC/MC-130 MODIFICATIONS.....	1,964	1,964	1,964	1,964
64 OTHER AIRCRAFT.....	103,274	103,274	103,274	103,274
65 MQ-1 MODS.....	123,889	144,889	123,889	123,889
66 MQ-9 MODS.....	48,837	54,037	48,837	48,837
67 CV-22 MODS.....	24,429	24,429	24,429	24,429
OTHER MODIFICATIONS				
TOTAL, MODIFICATION OF INSERVICE AIRCRAFT.....	4,302,135	3,674,998	3,500,979	3,575,433
AIRCRAFT SPARES AND REPAIR PARTS				
68 INITIAL SPARES/REPAIR PARTS.....	418,604	487,604	418,604	456,604
TOTAL, AIRCRAFT SPARES AND REPAIR PARTS.....	418,604	487,604	418,604	456,604
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES				
COMMON SUPPORT EQUIPMENT				
69 AIRCRAFT REPLACEMENT SUPPORT EQUIP.....	105,820	105,820	115,820	106,820
POST PRODUCTION SUPPORT				
70 B-1.....	3,929	3,929	3,929	3,929
72 B-2A.....	24,481	24,481	24,481	24,481
73 C-5.....	2,259	2,259	2,259	2,259
74 C-5.....	11,787	11,787	11,787	7,787
75 KC-10A (ATCA).....	4,125	4,125	4,125	4,125
76 C-17A.....	91,400	---	---	---
77 C-130.....	28,092	28,092	28,092	28,092
78 EC-130J.....	5,283	5,283	5,283	5,283
78A B-2 POST PRODUCTION.....	---	19,800	19,800	19,800

(In thousands of dollars)

	Budget	House	Senate	Recommendation
79 F-15 POST PRODUCTION SUPPORT.....	15,744	15,744	15,744	15,744
80 F-16 POST PRODUCTION SUPPORT.....	19,951	19,951	12,951	12,951
81 OTHER AIRCRAFT.....	51,980	51,980	51,980	51,980
INDUSTRIAL PREPAREDNESS.....				
83 INDUSTRIAL PREPAREDNESS.....	25,529	25,529	25,529	25,529
WAR CONSUMABLES				
84 WAR CONSUMABLES.....	134,427	134,427	136,427	136,027
OTHER PRODUCTION CHARGES				
85 OTHER PRODUCTION CHARGES.....	490,344	490,344	495,344	483,844
DARP				
88 DARP.....	15,323	15,323	15,323	15,323
TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES....	1,030,474	958,874	968,874	943,974
999 CLASSIFIED PROGRAMS.....	23,051	23,051	23,051	23,051
TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE.....	11,966,276	11,956,182	13,148,720	13,295,474

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

<b>P-1</b>		<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>1</b>	<b>F-35</b>	<b>2,048,830</b>	<b>2,067,430</b>	<b>2,048,830</b>	<b>2,083,830</b>
	Reduction to non-recurring engineering		-111,400		0
	Alternate Engine		130,000		35,000
<b>2</b>	<b>F-35 (AP-CY)</b>	<b>300,600</b>	<b>278,600</b>	<b>278,600</b>	<b>278,600</b>
	Reduction of two aircraft previously funded in fiscal year 2009		-22,000	-22,000	-22,000
<b>3</b>	<b>F-22A</b>	<b>95,163</b>	<b>31,163</b>	<b>95,163</b>	<b>95,163</b>
	Program reduction		-64,000		0
<b>4</b>	<b>F-22A (AP-CY)</b>	<b>0</b>	<b>368,800</b>	<b>0</b>	<b>0</b>
	Advance Procurement for 12 aircraft		368,800		0
<b>5</b>	<b>C-17A (MYP)</b>	<b>88,510</b>	<b>762,610</b>	<b>2,588,510</b>	<b>2,588,510</b>
	Program Increase - Provides for 10 C-17A aircraft		674,100	2,500,000	2,500,000
<b>8</b>	<b>HC/MC-130 RECAP</b>	<b>879,231</b>	<b>375,231</b>	<b>375,231</b>	<b>375,231</b>
	Funded in fiscal year 2009 supplemental		-504,000	-504,000	-504,000
<b>XX</b>	<b>HH-60M</b>		<b>140,000</b>	<b>75,000</b>	<b>95,200</b>
	Program Increase - Provides for four HH-60M aircraft for combat loss replacement		140,000	75,000	95,200
<b>21</b>	<b>C-37</b>	<b>66,400</b>	<b>199,200</b>	<b>66,400</b>	<b>66,400</b>
	Program Increase - C-37B (Note: One aircraft each for the 201st Airlift Squadron and 89th Airlift Wing)		132,800		0
<b>17</b>	<b>C-40</b>	<b>154,044</b>	<b>354,044</b>	<b>154,044</b>	<b>154,044</b>
	Program Increase - Two C-40C for Scott Air Force Base		200,000		0
<b>18</b>	<b>CIVIL AIR PATROL A/C</b>	<b>2,426</b>	<b>7,426</b>	<b>2,426</b>	<b>6,426</b>
	Civil Air Patrol		5,000		4,000
<b>20</b>	<b>TARGET DRONES</b>	<b>78,511</b>	<b>78,511</b>	<b>74,711</b>	<b>74,711</b>
	Pricing adjustment			-3,800	-3,800
<b>22</b>	<b>GLOBAL HAWK</b>	<b>554,775</b>	<b>275,118</b>	<b>554,775</b>	<b>554,775</b>
	Block 40 Program Delay		-279,657		0
<b>23</b>	<b>GLOBAL HAWK (AP-CY)</b>	<b>113,049</b>	<b>63,049</b>	<b>113,049</b>	<b>113,049</b>
	Unjustified program growth		-50,000		0
<b>26</b>	<b>B-2A</b>	<b>283,955</b>	<b>264,155</b>	<b>247,855</b>	<b>247,855</b>
	Air Force requested transfer to line number 78A B-2 Post Production Support for the B-2 Weapon System Support Center		-19,800	-19,800	-19,800
	Funding requested ahead of need			-16,300	-16,300
<b>28</b>	<b>B-1B</b>	<b>107,558</b>	<b>78,558</b>	<b>78,558</b>	<b>78,558</b>
	Program delay for various programs - Funding transferred to RDT&E, Air Force Line number 119		-29,000	-29,000	-29,000

P-1		Budget Request	House	Senate	Recommendation
29	B-52	78,788	61,466	61,466	61,466
	Air Force identified excess		-17,322	-17,322	-17,322
31	F-15	92,921	132,271	92,921	119,171
	Funding installs ahead of need - Digital Video Recorder Installs		-3,250		-3,250
	Program growth - Low Cost Mods for Other Government Costs		-1,000		-500
	Program Increase - Advanced Radar Development for Active and ANG aircraft		43,600		30,000
32	F-16	224,642	221,875	223,875	223,475
	Funding ahead of need - BLOS Installs		-2,767	-2,767	-2,767
	ARC 210 Radios for ANG F-16s			2,000	1,600
33	F-22A	350,735	187,295	177,335	177,335
	Common Configuration - Early to need		-158,399	-158,400	-158,400
	Warfighter Urgent Requirements		-5,041		
	Insufficient justification			-15,000	-15,000
34	C-5	606,993	550,414	561,893	561,893
	Unjustified program		-56,579	-28,000	-28,000
	Excessive Other Government costs			-10,000	-10,000
	Excess in C-5 AMP program			-7,100	-7,100
37	C-17A	469,731	317,174	424,431	352,331
	Reduction for Other Government Costs - LAIRCM		-4,023		0
	Excess install funding for Pylon Stubs		-800		0
	Funding prior to installs ELT Frequency Change		-1,586		0
	Excess install funding for Block 13 to 17 Retrofits		-115,748		0
	Excess install funding for OBIGGS II		-7,700		0
	Excess install funding for Extended Range Retrofit		-22,700		0
	Funding requested ahead of need			-45,300	-133,400
	LAIRCM for the ANG (Transferred from House General Provision 8120)				16,000
39	C-32A	10,644	10,644	1,744	1,744
	Contract delay			-8,900	-8,900
40	C-37A	4,336	4,336	436	436
	Contract delay			-3,900	-3,900
44	T-38	75,274	61,057	61,057	61,057
	Improved Brake System Program Termination		-14,217	-14,217	-14,217
51	C-40	9,162	9,162	262	262
	Contract delay			-8,900	-8,900
52	C-130	354,421	99,965	146,171	181,675
	Reduction due to low execution		-209,509	-209,500	-209,500
	Centerwing Replacements - Early to need		-42,846	-19,000	-42,846
	LAIRCM - Other Government Cost		-5,101		0
	C-130 Active Noise Cancellation System		3,000		2,400

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P-1	Budget Request	House	Senate	Recommendation
	Scathe View Hyper-Spectral Imagery Upgrade for Nevada ANG (Includes transfer from Other Procurement, Air Force line number 45)		4,500	3,600
	Senior Scout, Electro-Optical Infrared Capability		6,000	4,800
	Senior Scout, Line of Sight Datalink		3,000	2,400
	Senior Scout, Remote Operations Capability		3,000	2,400
	Support Equipment for Time Critical Targeting, Senior Scout		3,750	3,000
	LAIRCM for ANG HC/MC-130 aircraft (Transferred from House General Provision 8120)			33,000
	Air Force requested transfer from RDT&E, Air Force line number 218 for avionics modernization of special mission aircraft			28,000
53	<b>C130J MODS</b> Excess funding for other government costs	13,627	13,627	8,527 -5,100
54	<b>C-135</b> Excess program funding Large Aircraft Podded Infrared Countermeasures Systems for Air Force Reserve KC-135	150,425	119,725 -32,200 1,500	150,425 -20,000 1,200
56	<b>DARP</b> Reduction for installs	107,859	54,810 -53,049	107,859 0
59	<b>E-8</b> Partial transfer of re-engining funds to RDT&E, Air Force line number 157	225,973	225,973	21,073 -204,900
61	<b>H-60</b> Program Increase - HH-60G Machine Gun Program Increase - HH-60G Forward Looking Infrared Radar	14,201	115,401 20,200 81,000	64,201 10,000 40,000
65	<b>MQ-1 MODS</b> Program Increase	123,889	144,889 21,000	123,889 0
66	<b>MQ-9 MODS</b> Program Increase	48,837	54,037 5,200	48,837 0
68	<b>INITIAL SPARES/REPAIR PARTS</b> ANG Block 42 F-16 Engine Upgrade	418,604	487,604 69,000	418,604 38,000
69	<b>AIRCRAFT REPLACEMENT SUPPORT EQUIP</b> Initiate depot repair capability for Predator Program reduction	105,820	105,820	115,820 10,000 -9,000
74	<b>C-5</b> Program Reduction	11,787	11,787	11,787 -4,000
76	<b>C-17A</b> Program Reduction	91,400	0 -91,400	0 -91,400

<b>P-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>78A B-2 POST PRODUCTION SUPPORT</b>		<b>19,800</b>	<b>19,800</b>	<b>19,800</b>
Air Force requested transfer from line number 26 for the B-2 Weapon System Support Center		<b>19,800</b>	<b>19,800</b>	<b>19,800</b>
<b>80 F-16 POST PRODUCTION SUPPORT</b>	<b>19,951</b>	<b>19,951</b>	<b>12,951</b>	<b>12,951</b>
Funding requested ahead of need			<b>-7,000</b>	<b>-7,000</b>
<b>84 WAR CONSUMABLES</b>	<b>134,427</b>	<b>134,427</b>	<b>136,427</b>	<b>136,027</b>
Miniature Air-Launched Decoy			<b>2,000</b>	<b>1,600</b>
<b>85 OTHER PRODUCTION CHARGES</b>	<b>490,344</b>	<b>490,344</b>	<b>495,344</b>	<b>483,844</b>
LITENING 4th Generation Kit Upgrades			<b>2,000</b>	<b>2,000</b>
P5CTS Equipment for the MT Joint Training Environment (Transferred to RDT&E, Air Force line number 81)			<b>3,000</b>	
Advance Targeting Pods (Transferred from House General Provision 8120)				<b>18,500</b>
Program Reduction				<b>-27,000</b>

## C-17 GLOBEMASTER III

The recent actions of the Air Force to address and curtail the wide use of undefinitized contract actions (UCA) are encouraging. To further encourage a sense of urgency to reduce the number of UCAs, bill language has been included that limits obligations for modifications until all C-17 UCAs funded with prior year "Aircraft Procurement, Air Force" funds are definitized or certifications of need are made by the Secretary of the Air Force.

The Under Secretary of Defense (Acquisition, Technology and Logistics) (USD(AT&L)) is directed to review contracting procedures within the Air Force and provide a report to the congressional defense committees not later than 90 days after enactment of this Act detailing a strategy to reduce current and minimize further undefinitized contracts in the Air Force. Additionally, the USD(AT&L) is directed to provide to the congressional defense committees a consolidated list of undefinitized contracts within the Department of Defense by November 15 and April 15 of each year.

The recommendation provides an additional \$2,500,000,000 for the procurement of ten C-17 aircraft, associated spares, support equipment and training equipment as required.

## OPERATIONAL SUPPORT AND VIP SPECIAL AIRLIFT MISSION AIRCRAFT

The recommendation includes \$220,444,000 for operational support and VIP special mission aircraft, which is the amount and quantity requested by the President. The Department of Defense maintains a number of aircraft to provide safe and secure transportation for senior government officials as well as the Combatant Commanders and other senior military leadership. The fleet of aircraft is aging creating maintenance and reliability issues. For example, the Department of Defense grounded the C-9 aircraft within the fleet due to several safety of flight issues. Accordingly, the Secretary of Defense is directed to provide a report on the health of the fleet, inventory requirements and the plans to sustain and upgrade the aircraft in the future to the congressional defense committees, within 90 days after enactment of this Act.

# MISSILE PROCUREMENT, AIR FORCE

For Missile Procurement, Air Force, funds are to be available for  
fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation	
-----					
<b>MISSILE PROCUREMENT, AIR FORCE</b>					
<b>BALLISTIC MISSILES</b>					
<b>MISSILE REPLACEMENT EQUIPMENT - BALLISTIC</b>					
1	MISSILE REPLACEMENT EQ-BALLISTIC.....	58,139	58,139	58,139	58,139
<b>OTHER MISSILES</b>					
<b>TACTICAL</b>					
2	JASSM.....	52,666	52,666	52,666	52,666
3	SIDEWINDER (AIM-9X).....	78,753	78,753	78,753	78,753
4	AMRAAM.....	291,827	282,827	275,497	273,497
5	PREDATOR HELLFIRE MISSILE.....	79,699	64,530	57,545	57,545
6	SMALL DIAMETER BOMB.....	134,801	134,801	134,801	134,801
<b>INDUSTRIAL FACILITIES</b>					
7	INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION.....	841	841	841	841
-----					
	<b>TOTAL, OTHER MISSILES.....</b>	<b>638,587</b>	<b>614,418</b>	<b>600,103</b>	<b>598,103</b>
<b>MODIFICATION OF INSERVICE MISSILES</b>					
<b>CLASS IV</b>					
8	ADVANCED CRUISE MISSILE.....	32	32	32	32
9	MM III MODIFICATIONS.....	199,484	199,484	199,484	199,484
10	AGM-65D MAVERICK.....	258	258	258	258
11	AGM-88A HARM.....	30,280	30,280	30,280	30,280
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	<b>TOTAL, MODIFICATION OF INSERVICE MISSILES.....</b>	<b>230,054</b>	<b>230,054</b>	<b>230,054</b>	<b>230,054</b>

(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
SPARES AND REPAIR PARTS				
13 INITIAL SPARES/REPAIR PARTS.....	70,185	70,185	70,185	70,185
OTHER SUPPORT				
SPACE PROGRAMS				
14 ADVANCED EHF.....	1,843,475	1,843,475	1,843,475	1,843,475
16 WIDEBAND GAPFILLER SATELLITES.....	201,671	626,671	151,671	151,671
17 WIDEBAND GAPFILLER SATELLITES (AP-CY).....	62,380	62,380	62,380	62,380
18 SPACEBORNE EQUIP (COMSEC).....	9,871	9,871	9,871	9,871
19 GLOBAL POSITIONING (SPACE).....	53,140	53,140	53,140	53,140
22 DEF METEOROLOGICAL SAT PROG (SPACE).....	97,764	97,764	97,764	97,764
24 EVOLVED EXPENDABLE LAUNCH VEH (SPACE).....	1,295,325	1,351,015	1,189,925	1,102,125
26 SBIR HIGH (SPACE) (AP-CY).....	307,456	307,456	307,456	307,456
27 SBIR HIGH (SPACE).....	159,000	159,000	159,000	159,000
28 NATL POLAR-ORBITING OP ENV SATELLITE.....	3,900	3,900	3,900	3,900
SPECIAL PROGRAMS				
29 DEFENSE SPACE RECONN PROGRAM.....	105,152	105,152	105,152	105,152
31 SPECIAL UPDATE PROGRAMS.....	311,070	311,070	311,070	311,070
-----				
TOTAL, OTHER SUPPORT.....	4,450,204	4,930,894	4,294,804	4,207,004
999 CLASSIFIED PROGRAMS.....	853,559	604,669	817,059	832,059
-----				
TOTAL, MISSILE PROCUREMENT, AIR FORCE.....	6,300,728	6,508,359	6,070,344	5,995,544
=====				

SCAN  
PORTLAND

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1		Budget Request	House	Senate	Recommendation
4	<b>AMRAAM</b>	291,827	282,827	275,497	273,497
	Funding ahead of need for DMS		-9,000	-5,000	-7,000
	Training Equipment Program Reduction			-11,330	-11,330
5	<b>PREDATOR HELLFIRE MISSILE</b>	79,699	64,530	57,545	57,545
	Updated pricing		-15,169	-22,154	-22,154
16	<b>WIDEBAND GAPFILLER SATELLITES</b>	201,671	626,671	151,671	151,671
	Program delay		-50,000		0
	WGS-7, full funding		475,000		0
	Premature Request - transferred to RDT&E, Air Force line number 61A			-50,000	-50,000
24	<b>EVOLVED EXPENDABLE LAUNCH VEH (SPACE)</b>	1,295,325	1,351,015	1,189,925	1,102,125
	Reduction for AFSPC-4 and GPS IIF-8 boosters		-193,200		-193,200
	ELC transfer from classified programs		248,890		0
	Reduction for AFSPC-4			-105,400	0
999	<b>CLASSIFIED PROGRAMS</b>	853,559	604,669	817,059	832,059
	Classified adjustment		-248,890	-36,500	-21,500

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## EVOLVED EXPENDABLE LAUNCH VEHICLE

There is concern that the Air Force has not established a robust process for managing content on the Evolved Expendable Launch Vehicle (EELV) Launch Capabilities contract. Therefore, the Secretary of the Air Force is directed to establish a formal systems engineering process which includes the National Reconnaissance Office as the functional manager for space launch for the Intelligence Community, as a voting member, in order to prioritize and manage all efforts encompassed by the EELV Launch Capabilities contract.

## MULTI-SATELLITE VEHICLE PROCUREMENT STRATEGIES

The language on multi-satellite vehicle procurement strategy as described in House Report 111-230 is supported in the recommendation. In addition to the programs listed in House Report 111-230, the five year investment strategy is also directed to consider Wideband Global Satellite and Advanced Extremely High Frequency satellite systems for future multi-vehicle purchases.

# PROCUREMENT OF AMMUNITION, AIR FORCE

For Procurement of Ammunition, Air Force, funds are to be available  
for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation	
-----					
PROCUREMENT OF AMMUNITION, AIR FORCE					
PROCUREMENT OF AMMO, AIR FORCE					
1	ROCKETS.....	43,461	40,661	43,461	40,661
2	CARTRIDGES.....	123,886	123,886	123,886	123,886
BOMBS					
3	PRACTICE BOMBS.....	52,459	52,459	52,459	52,459
4	GENERAL PURPOSE BOMBS.....	225,145	215,424	228,145	217,249
5	JOINT DIRECT ATTACK MUNITION.....	103,041	103,041	92,825	92,825
FLARE, IR MJU-7B					
6	CAD/PAD.....	40,522	40,522	40,522	40,522
7	EXPLOSIVE ORDINANCE DISPOSAL (EOD).....	3,302	3,302	3,302	3,302
8	SPARES AND REPAIR PARTS.....	4,582	4,582	4,582	4,582
9	MODIFICATIONS.....	1,289	1,289	1,289	1,289
10	ITEMS LESS THAN \$5,000,000.....	5,061	5,061	5,061	5,061
FUZES					
11	FLARES.....	152,515	152,515	152,515	152,515
12	FUZES.....	61,037	61,037	61,037	61,037
-----					
	TOTAL, PROCUREMENT OF AMMO, AIR FORCE.....	816,300	803,779	809,084	795,388
WEAPONS					
13	SMALL ARMS.....	6,162	6,162	6,162	6,162
-----					
	TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE.....	822,462	809,941	815,246	801,550
=====					

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

6/21/04  
 2004  
 2004

<b>P-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>1 ROCKETS</b>	<b>43,461</b>	<b>40,661</b>	<b>43,461</b>	<b>40,661</b>
Rockets (2.75 Rocket Motor) Inflation Adjustment		-1,400		-1,400
Rockets (2.75 WHD SP Smoke) Inflation Adjustment		-1,400		-1,400
<b>4 GENERAL PURPOSE BOMBS</b>	<b>225,145</b>	<b>214,849</b>	<b>228,145</b>	<b>217,249</b>
BLU-109 2000 Pound Hard Target Bomb Inflation Adjustment		-9,721		-9,721
BLU-117 2000 Pound Hard Target Bomb Inflation Adjustment		-575		-575
MCAAP Bomb Line Modernization (Note: Includes transfer from Procurement of Ammunition, Army line number 36)			3,000	2,400
<b>5 JOINT DIRECT ATTACK MUNITION</b>	<b>103,041</b>	<b>103,041</b>	<b>92,825</b>	<b>92,825</b>
Unit Cost Adjustment			-10,216	-10,216



(In thousands of dollars)

	Budget	House	Senate	Recommendation	
SPECIAL COMM-ELECTRONICS PROJECTS					
20	GENERAL INFORMATION TECHNOLOGY.....	111,282	116,782	111,282	115,982
21	AF GLOBAL COMMAND & CONTROL SYSTEM.....	15,499	15,499	15,499	15,499
22	MOBILITY COMMAND AND CONTROL.....	8,610	8,610	8,610	8,610
23	AIR FORCE PHYSICAL SECURITY SYSTEM.....	137,293	77,293	77,293	77,293
24	COMBAT TRAINING RANGES.....	40,633	41,633	73,133	66,513
25	C3 COUNTERMEASURES.....	8,177	8,177	8,177	8,177
26	GCSS-AF FOS.....	81,579	37,079	81,579	37,079
27	THEATER BATTLE MGT C2 SYS.....	29,687	29,687	29,687	29,687
28	AIR OPERATIONS CENTER (AOC).....	54,093	54,093	54,093	58,093
AIR FORCE COMMUNICATIONS					
29	BASE INFORMATION INFRASTRUCTURE.....	433,859	333,859	384,859	333,859
30	USCENTCOM.....	38,958	38,958	38,958	38,958
DISA PROGRAMS					
32	SPACE BASED IR SENSOR PROG SPACE.....	34,440	34,440	2,000	2,000
33	NAVSTAR GPS SPACE.....	6,415	6,415	6,415	6,415
34	NUDET DETECTION SYS (NDS) SPACE.....	15,436	15,436	15,436	15,436
35	AF SATELLITE CONTROL NETWORK SPACE.....	58,865	58,865	58,865	58,865
36	SPACELIFT RANGE SYSTEM SPACE.....	100,275	100,275	100,275	100,275
37	MILSATCOM SPACE.....	110,575	110,575	108,075	108,075
38	SPACE MODS SPACE.....	30,594	30,594	30,594	30,594
39	COUNTERSPACE SYSTEM.....	29,793	29,793	29,793	29,793
ORGANIZATION AND BASE					
40	TACTICAL C-E EQUIPMENT.....	240,890	207,890	207,890	207,890
41	COMBAT SURVIVOR EVADER LOCATER.....	35,029	35,029	35,029	35,029
42	RADIO EQUIPMENT.....	15,536	15,536	15,536	15,536
44	CCTV/AUDIOVISUAL EQUIPMENT.....	12,961	12,961	12,961	12,961
45	BASE COMM INFRASTRUCTURE.....	121,049	122,049	121,049	121,049
50	ITEMS LESS THAN \$5M.....	---	3,000	---	2,400
MODIFICATIONS					
46	COMM ELECT MODS.....	64,087	64,087	64,087	64,087
TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP.....					
		2,283,199	2,062,199	2,141,307	2,054,487

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
OTHER BASE MAINTENANCE AND SUPPORT EQUIP				
PERSONAL SAFETY AND RESCUE EQUIP				
47 NIGHT VISION GOGGLES.....	28,226	28,226	28,226	28,226
48 ITEMS LESS THAN \$5,000,000 (SAFETY).....	17,223	17,223	17,223	17,223
DEPOT PLANT + MATERIALS HANDLING EQ				
49 MECHANIZED MATERIAL HANDLING.....	15,449	15,449	15,449	15,449
BASE SUPPORT EQUIPMENT				
50 BASE PROCURED EQUIPMENT.....	14,300	14,300	14,300	14,300
51 CONTINGENCY OPERATIONS.....	22,973	10,000	10,000	10,000
52 PRODUCTIVITY CAPITAL INVESTMENT.....	3,020	3,020	3,020	3,020
53 MOBILITY EQUIPMENT.....	32,855	32,855	28,355	28,355
54 ITEMS LESS THAN \$5M (BASE SUPPORT).....	8,195	8,195	8,195	8,195
SPECIAL SUPPORT PROJECTS				
56 DARP RC135.....	23,132	23,132	23,132	23,132
57 DISTRIBUTED GROUND SYSTEMS.....	293,640	293,640	293,640	293,640
59 SPECIAL UPDATE PROGRAM.....	471,234	471,234	471,234	471,234
60 DEFENSE SPACE RECONNAISSANCE PROGRAM.....	30,041	30,041	30,041	30,041
TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP.....	960,288	947,315	942,815	942,815
SPARE AND REPAIR PARTS				
61 SPARES AND REPAIR PARTS.....	19,460	19,460	19,460	19,460
999 CLASSIFIED PROGRAMS.....	13,830,722	13,690,508	13,995,177	13,936,950
TOTAL, OTHER PROCUREMENT, AIR FORCE.....	17,293,141	16,883,791	17,283,800	17,138,239

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

<b>P-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>7 RUNWAY SNOW REMOVAL &amp; CLEANING EQUIP</b>	<b>24,884</b>	<b>24,884</b>	<b>26,029</b>	<b>25,800</b>
Mission Essential Airfield Operations Equipment			1,145	916
<b>8 ITEMS LESS THAN \$5M</b>	<b>57,243</b>	<b>40,243</b>	<b>41,667</b>	<b>41,382</b>
Reduce program growth		-17,000	-17,000	-17,000
Mission Essential Airfield Operations Equipment			1,424	1,139
<b>12 INTELLIGENCE COMM EQUIP</b>	<b>21,965</b>	<b>27,965</b>	<b>24,965</b>	<b>29,165</b>
Eagle Vision III		6,000		4,800
Eagle Vision for the Hawaii Air National Guard			3,000	2,400
<b>19 DRUG INTERDICTION SUPPORT</b>	<b>452</b>	<b>452</b>	<b>0</b>	<b>0</b>
Transferred to Drug Interdiction & Counter-Drug Activities, Defense			-452	-452
<b>20 GENERAL INFORMATION TECHNOLOGY</b>	<b>111,282</b>	<b>116,782</b>	<b>111,282</b>	<b>115,982</b>
Eagle Vision Program		1,500		1,500
One AF/One Network Infrastructure		2,000		1,600
One AF/One Network Infrastructure for the Pennsylvania National Guard		2,000		1,600
<b>23 AIR FORCE PHYSICAL SECURITY SYSTEM</b>	<b>137,293</b>	<b>77,293</b>	<b>77,293</b>	<b>77,293</b>
Weapons Storage Area - Request ahead of need		-60,000	-60,000	-60,000
<b>24 COMBAT TRAINING RANGES</b>	<b>40,633</b>	<b>41,633</b>	<b>73,133</b>	<b>66,513</b>
Air National Guard Joint Threat Emitter - Savannah				800
Combat Readiness Training Centers		1,000		
Training Range Enhancements			15,000	10,000
Unmanned Threat Emitters (UMTE) Modernization			3,000	2,400
Joint Pacific Alaska Range Complex (JPARC) Enhancements			14,500	12,680
<b>26 GCSS-AF FOS</b>	<b>81,579</b>	<b>37,079</b>	<b>81,579</b>	<b>37,079</b>
ECSS Program restructure		-44,500		-44,500
<b>28 AIR OPERATIONS CENTER (AOC)</b>	<b>54,093</b>	<b>54,093</b>	<b>54,093</b>	<b>58,093</b>
Joint Threat Emitters (Note: Includes transfer from RDT&E,A line number 120).				4,000
<b>29 BASE INFORMATION INFRASTRUCTURE</b>	<b>433,859</b>	<b>333,859</b>	<b>384,859</b>	<b>333,859</b>
Reduce program growth		-100,000	-49,000	-100,000
ANG Infrastructure				[100,000]
<b>32 SPACE BASED IR SENSOR PROG SPACE</b>	<b>34,440</b>	<b>34,440</b>	<b>2,000</b>	<b>2,000</b>
Premature request			-32,440	-32,440
<b>37 MILSATCOM SPACE</b>	<b>110,575</b>	<b>110,575</b>	<b>108,075</b>	<b>108,075</b>
Funding ahead of need			-2,500	-2,500

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P-1	Budget Request	House	Senate	Recommendation
40 TACTICAL C-E EQUIPMENT Reduce Vehicle Communication Systems	240,890	207,890 -33,000	207,890 -33,000	207,890 -33,000
45 BASE COMM INFRASTRUCTURE Nevada Air National Guard Scathe View (Note: transferred to Air Procurement, Air Force line number 52)	121,049	122,049 1,000	121,049	121,049
50 ITEMS LESS THAN \$5M Aircrew Body Armor and Load Carriage Vest System	0	3,000 3,000	0	2,400 2,400
51 CONTINGENCY OPERATIONS Reduce program growth	22,973	10,000 -12,973	10,000 -12,973	10,000 -12,973
53 MOBILITY EQUIPMENT Excess funding for EALS	32,855	32,855	28,355 -4,500	28,355 -4,500
999 CLASSIFIED PROGRAMS Classified adjustment	13,830,722	13,690,508 -158,377	13,995,177 164,455	13,936,950 106,228

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## BASE INFORMATION INFRASTRUCTURE

The fiscal year 2010 budget request includes \$425,780,000 for the Combat Information Transport System (CITS), an increase of \$88,590,000 from the amount appropriated in fiscal year 2009. This requested increase stemmed from a requirement to modernize the information transport system at stand-alone Air National Guard (ANG) bases. While there is support for funding the ANG requirement, it is recognized that the CITS program has yet to obligate \$126,700,000 in fiscal year 2008 funding, and, despite reallocating over \$90,000,000 away from CITS, the service has yet to obligate an additional \$87,500,000 in fiscal year 2009 funding. Therefore, the Base Information Infrastructure request is reduced by \$100,000,000, and the Secretary of the Air Force is directed to allocate no less than \$100,000,000 of the appropriated amount to Air National Guard modernization.

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PROCUREMENT, DEFENSE-WIDE

For Procurement, Defense-Wide, funds are to be available for fiscal

year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
PROCUREMENT, DEFENSE-WIDE				
MAJOR EQUIPMENT				
MAJOR EQUIPMENT, OSD				
47 MAJOR EQUIPMENT, OSD.....	111,487	111,487	111,487	111,487
MAJOR EQUIPMENT, NSA				
44 INFORMATION SYSTEMS SECURITY PROGRAM (ISSP).....	4,013	4,013	4,013	4,013
MAJOR EQUIPMENT, WHS				
50 MAJOR EQUIPMENT, WHS.....	26,945	26,945	26,945	26,945
MAJOR EQUIPMENT, DISA				
18 INFORMATION SYSTEMS SECURITY.....	13,449	13,449	10,449	10,449
19 GLOBAL COMMAND AND CONTROL SYS.....	7,053	7,053	7,053	7,053
20 GLOBAL COMBAT SUPPORT SYSTEM.....	2,820	2,820	2,820	2,820
21 TELEPORT PROGRAM.....	68,037	68,037	68,037	68,037
22 ITEMS LESS THAN \$5M.....	196,232	196,232	196,232	196,232
23 NET CENTRIC ENTERPRISE SERVICES (NCES).....	3,051	3,051	3,051	3,051
24 DEFENSE INFORMATION SYSTEMS NETWORK.....	89,725	89,725	89,725	89,725
25 PUBLIC KEY INFRASTRUCTURE.....	1,780	1,780	1,780	1,780
26 JOINT COMMAND AND CONTROL PROGRAM.....	2,835	2,835	---	---
27 CYBER SECURITY INITIATIVE.....	18,188	18,188	18,188	18,188
MAJOR EQUIPMENT, DLA				
28 MAJOR EQUIPMENT.....	7,728	7,728	7,728	7,728
MAJOR EQUIPMENT, DCAA				
3 MAJOR EQUIPMENT ITEMS LESS THAN \$5M.....	1,489	1,489	1,489	1,489
MAJOR EQUIPMENT, TJS				
48 MAJOR EQUIPMENT, TJS.....	12,065	12,065	12,065	12,065
MAJOR EQUIPMENT, DHRA				
5 PERSONNEL ADMINISTRATION.....	10,431	10,431	10,431	10,431
MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY				
32 VEHICLES.....	50	50	50	50
33 OTHER MAJOR EQUIPMENT.....	7,447	7,447	7,447	7,447
MAJOR EQUIPMENT, DODDE				
30 AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS.....	1,463	1,463	1,463	1,463
MAJOR EQUIPMENT, DCMA				
4 MAJOR EQUIPMENT.....	2,012	2,012	2,012	2,012
MAJOR EQUIPMENT, DTSA				
34 MAJOR EQUIPMENT.....	436	436	436	436

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
MAJOR EQUIPMENT, BTA				
2 MAJOR EQUIPMENT, BTA.....	8,858	8,858	8,858	8,858
MAJOR EQUIPMENT, DMACT				
29 A - WEAPON SYSTEM COST.....	10,149	10,149	10,149	10,149
35 THAAD SYSTEM.....	420,300	420,300	420,300	420,300
36 SM-3.....	168,723	168,723	226,323	226,323
36A TPY-2 RADAR.....	---	---	41,000	---
-----				
TOTAL, MAJOR EQUIPMENT.....	1,196,766	1,196,766	1,289,531	1,248,531
SPECIAL OPERATIONS COMMAND				
AVIATION PROGRAMS				
51 SOF ROTARY WING UPGRADES AND SUSTAINMENT.....	101,936	90,936	101,936	90,936
52 MH-47 SERVICE LIFE EXTENSION PROGRAM.....	22,958	22,958	28,858	28,858
53 MH-60 SOF MODERNIZATION PROGRAM.....	146,820	146,820	146,820	146,820
54 NON-STANDARD AVIATION.....	227,552	197,552	152,552	177,552
56 SOF TANKER RECAPITALIZATION.....	34,200	34,200	34,200	34,200
57 SOF U-28.....	2,518	2,518	2,518	2,518
59 CV-22 SOF MODIFICATION.....	114,553	114,553	114,553	114,553
60 MQ-1 UAV.....	10,930	10,930	10,930	10,930
61 MQ-9 UAV.....	12,671	12,671	12,671	12,671
62 STUASLO.....	12,223	12,223	12,223	12,223
63 C-130 MODIFICATIONS.....	59,950	145,950	54,816	59,650
64 AIRCRAFT SUPPORT.....	973	973	973	973
SHIPBUILDING				
65 ADVANCED SEAL DELIVERY SYS (ASDS).....	5,236	---	---	---
66 MK VIII MOD 1 - SEAL DELIVERY VEH.....	1,463	1,463	1,463	1,463
AMMUNITION PROGRAMS				
67 SOF ORDNANCE REPLENISHMENT.....	61,360	61,360	61,360	61,360
68 SOF ORDNANCE ACQUISITION.....	26,791	26,791	26,791	26,791

(In thousands of dollars)

	Budget	House	Senate	Recommendation
OTHER PROCUREMENT PROGRAMS				
69 COMM EQUIPMENT & ELECTRONICS.....	55,080	55,080	55,080	55,080
70 SOF INTELLIGENCE SYSTEMS.....	72,811	72,811	72,811	72,811
71 SMALL ARMS & WEAPONS.....	35,235	40,235	35,635	41,635
72 MARITIME EQUIPMENT MODS.....	791	791	791	791
74 SOF COMBATANT CRAFT SYSTEMS.....	6,156	6,156	16,156	11,156
75 SPARES AND REPAIR PARTS.....	2,010	2,010	2,010	2,010
76 TACTICAL VEHICLES.....	18,821	20,821	15,821	19,421
77 MISSION TRAINING AND PREPARATIONS SYSTEMS.....	17,265	17,265	21,265	20,865
78 COMBAT MISSION REQUIREMENTS.....	20,000	20,000	20,000	20,000
79 MILCON COLLATERAL EQUIPMENT.....	6,835	6,835	6,835	6,835
81 SOF AUTOMATION SYSTEMS.....	60,836	49,136	60,836	55,136
82 SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES.....	12,401	12,401	12,401	12,401
83 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE.....	26,070	26,070	31,270	26,070
84 SOF SOLDIER PROTECTION AND SURVIVAL SYSTEMS.....	550	550	550	550
85 SOF VISUAL AUGMENTATION, LASERS AND SENSOR SY.....	33,741	33,741	43,741	39,341
86 SOF TACTICAL RADIO SYSTEMS.....	53,034	60,034	57,034	57,034
87 SOF MARITIME EQUIPMENT.....	2,777	5,277	2,777	2,777
89 MISCELLANEOUS EQUIPMENT.....	7,576	9,576	7,576	9,176
90 SOF OPERATIONAL ENHANCEMENTS.....	273,998	280,898	277,498	286,498
91 PSYOP EQUIPMENT.....	43,081	52,081	43,081	43,081
TOTAL, SPECIAL OPERATIONS COMMAND.....	1,591,202	1,653,666	1,545,832	1,564,166

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
CHEMICAL/BIOLOGICAL DEFENSE				
92 INSTALLATION FORCE PROTECTION.....	65,590	65,590	65,590	65,590
93 INDIVIDUAL PROTECTION.....	92,004	92,004	92,004	92,004
94 DECONTAMINATION.....	22,008	22,008	27,608	26,488
95 JOINT BIOLOGICAL DEFENSE PROGRAM.....	12,740	12,740	12,740	12,740
96 COLLECTIVE PROTECTION.....	27,938	27,938	32,938	32,938
97 CONTAMINATION AVOIDANCE.....	151,765	151,765	127,115	127,115
	-----	-----	-----	-----
TOTAL, CHEMICAL/BIOLOGICAL DEFENSE.....	372,045	372,045	357,995	356,875
999 CLASSIFIED PROGRAMS.....	824,339	814,339	824,339	880,965
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TOTAL, PROCUREMENT, DEFENSE-WIDE.....	3,984,352	4,036,816	4,017,697	4,050,537
	=====	=====	=====	=====

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**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

P-1	Budget Request	House	Senate	Recommendation
<b>18 INFORMATION SYSTEMS SECURITY</b>	<b>13,449</b>	<b>13,449</b>	<b>10,449</b>	<b>10,449</b>
Contract delays			-3,000	-3,000
<b>26 JOINT COMMAND AND CONTROL PROGRAM</b>	<b>2,835</b>	<b>2,835</b>	<b>0</b>	<b>0</b>
NECC program adjustment			-2,835	-2,835
<b>36 SM-3</b>	<b>168,723</b>	<b>168,723</b>	<b>226,323</b>	<b>226,323</b>
Addition of six SM-3 Block 1A missiles			57,600	57,600
<b>36a ADVANCED PROCUREMENT FUNDING FOR TPY-2 RADARS</b>			<b>41,000</b>	<b>0</b>
<b>51 SOF ROTARY WING UPGRADES AND SUSTAINMENT</b>	<b>101,936</b>	<b>90,936</b>	<b>101,936</b>	<b>90,936</b>
SIRFC execution		-11,000		-11,000
<b>52 MH-47 SERVICE LIFE EXTENSION PROGRAM</b>	<b>22,958</b>	<b>22,958</b>	<b>28,858</b>	<b>28,858</b>
Program shortfall transferred from OCO line number 52			5,900	5,900
<b>54 NON-STANDARD AVIATION</b>	<b>227,552</b>	<b>197,552</b>	<b>152,552</b>	<b>177,552</b>
Procurement schedule		-30,000		-50,000
Medium non-standard aircraft			-75,000	0
<b>63 C-130 MODIFICATIONS</b>	<b>59,950</b>	<b>145,950</b>	<b>54,816</b>	<b>59,650</b>
MC-130W Dragon Spear Modifications		85,000		0
Intelligence Broadcast Receiver for AFSOC MC-130		1,000		800
Carryover of fiscal year 2008 funds for center wing box replacement			-5,134	-1,100
<b>65 ADVANCED SEAL DELIVERY SYSTEM (ASDS)</b>	<b>5,236</b>	<b>0</b>	<b>0</b>	<b>0</b>
SECDEF Program Termination		-5,236	-5,236	-5,236
<b>71 SMALL ARMS &amp; WEAPONS</b>	<b>35,235</b>	<b>40,235</b>	<b>35,635</b>	<b>41,635</b>
SOPMOD II (M4 Carbine Rail System)		2,500		2,000
Special Operations Forces Combat Assault Rifle		2,500		2,000
Contracting delays			-9,000	-7,000
MK47 Mod 0 Advanced Lightweight Grenade Launcher			6,000	6,000
M4 Weapons Shot Counter			3,400	3,400
<b>74 SOF COMBATANT CRAFT SYSTEMS</b>	<b>6,156</b>	<b>6,156</b>	<b>16,156</b>	<b>11,156</b>
Special Operations Craft - Riverine			10,000	5,000
<b>76 TACTICAL VEHICLES</b>	<b>18,821</b>	<b>20,821</b>	<b>15,821</b>	<b>19,421</b>
Light Mobility Vehicle - Internally Transportable Vehicle		2,000		1,600
Contract delays			-3,000	-1,000
<b>77 MISSION TRAINING AND PREPARATIONS SYSTEMS</b>	<b>17,265</b>	<b>17,265</b>	<b>21,265</b>	<b>20,865</b>
Special Operations Live Rehearsal System			2,000	1,600
Small Arms Training Ranges			2,000	2,000
<b>81 SOF AUTOMATION SYSTEMS</b>	<b>60,836</b>	<b>49,136</b>	<b>60,836</b>	<b>55,136</b>
Distributive Data Center		-11,700		-5,700
<b>83 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE</b>	<b>26,070</b>	<b>26,070</b>	<b>31,270</b>	<b>26,070</b>
Mission Helmet Recording System (Transferred to line number 90)			5,200	0

<b>P-1</b>		<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
	<b>SOF VISUAL AUGMENTATION, LASERS AND SENSOR</b>				
<b>85</b>	<b>SYSTEMS</b>	<b>33,741</b>	<b>33,741</b>	<b>43,741</b>	<b>39,341</b>
	Fusion Goggle System (Transferred to line number 90)			3,000	0
	Overt Small Laser Marker			2,000	1,600
	SOVAS-Hand Held Imager/Long Range			5,000	4,000
<b>86</b>	<b>SOF TACTICAL RADIO SYSTEMS</b>	<b>53,034</b>	<b>60,034</b>	<b>57,034</b>	<b>57,034</b>
	AN/PRC-148 MBITR/JTRS Enhanced MBITR		10,000	4,000	4,000
	Next Generation Communication System		-3,000		0
<b>87</b>	<b>SOF MARITIME EQUIPMENT</b>	<b>2,777</b>	<b>5,277</b>	<b>2,777</b>	<b>2,777</b>
	NSW Protective Combat Uniform (Transferred to O&M Defense-Wide)		2,500		0
<b>89</b>	<b>MISCELLANEOUS EQUIPMENT</b>	<b>7,576</b>	<b>9,576</b>	<b>7,576</b>	<b>9,176</b>
	Expansion of the Forensic Intelligence Technologies and Training Support Center of Excellence		2,000		1,600
<b>90</b>	<b>SOF OPERATIONAL ENHANCEMENTS</b>	<b>273,998</b>	<b>280,898</b>	<b>277,498</b>	<b>286,498</b>
	Program Increase - Unfunded Requirement - Processing, Exploiting, and Dissemination Enhanced Capability		6,900		2,500
	Special Operations High Performance In-Line Sniper Scope			3,500	2,400
	Mission Helmet Recording System (Transferred from line number 83)				5,200
	Fusion Goggle System (Transferred from line number 85)				2,400
<b>91</b>	<b>PSYOP EQUIPMENT</b>	<b>43,081</b>	<b>52,081</b>	<b>43,081</b>	<b>43,081</b>
	Program Increase - Airborne Psyop Equipment		9,000		0
<b>94</b>	<b>DECONTAMINATION</b>	<b>22,008</b>	<b>22,008</b>	<b>27,608</b>	<b>26,488</b>
	Reactive Skin Decontamination Lotion			5,600	4,480
<b>96</b>	<b>COLLECTIVE PROTECTION</b>	<b>27,938</b>	<b>27,938</b>	<b>27,938</b>	<b>32,938</b>
	Chemical and Biological Protective Shelter			5,000	5,000
<b>97</b>	<b>CONTAMINATION AVOIDANCE</b>	<b>151,765</b>	<b>151,765</b>	<b>127,115</b>	<b>127,115</b>
	JBPDS excessive engineering change orders			-3,000	-3,000
	JNBCRS contract delays			-21,650	-21,650
<b>999</b>	<b>CLASSIFIED PROGRAMS</b>	<b>824,339</b>	<b>814,339</b>	<b>824,339</b>	<b>880,965</b>
	Classified Adjustments		-10,000		56,626

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## COMBAT MISSION REQUIREMENTS

The Commander, Special Operations Command, is directed to submit quarterly reports to the congressional defense committees on the use of funds provided in this title for Special Operations Command combat mission requirements.

# NATIONAL GUARD AND RESERVE EQUIPMENT

Funding for National Guard and Reserve Equipment is addressed in  
Title IX of this Act.

(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
NATIONAL GUARD & RESERVE EQUIPMENT				
RESERVE EQUIPMENT				
ARMY RESERVE				
1			135,000	---
	---	---		
NAVY RESERVE				
2			70,000	---
	---	---		
MARINE CORPS RESERVE				
3			50,000	---
	---	---		
AIR FORCE RESERVE				
4			70,000	---
	---	---		
-----				
	---	---	325,000	---
NATIONAL GUARD EQUIPMENT				
ARMY NATIONAL GUARD				
5			1,000,000	---
	---	---		
AIR NATIONAL GUARD				
6			175,000	---
	---	---		
-----				
	---	---	1,175,000	---
-----				
	---	---	1,500,000	---

## DEFENSE PRODUCTION ACT PURCHASES

For Defense Production Act Purchases, \$150,746,000 is available for  
fiscal year 2010, as follows:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS (in thousands of dollars)

	Budget Request	House	Senate	Recommendation
BERYLLIUM SUPPLY INDUSTRIAL BASE	19,500	19,500	19,500	19,500
GALLIUM NITRIDE X-BAND MONOLITHIC MICROWAVE INTEGRATED CIRCUITS	2,500	2,500	2,500	2,500
GALLIUM NITRIDE ELECTRONIC WARFARE	120	120	120	120
POWER AND ENERGY SYSTEMS PRODUCTION INITIATIVE	9,086	9,086	9,086	9,086
RADIATION HARDENED MICROELECTRONICS MODERNIZATION	3,000	3,000	3,000	3,000
LITHIUM ION (LI ION) BATTERY PRODUCTION Program Increase - Lithium Ion Battery Production	4,040	6,040 2,000	54,040 50,000	31,040 27,000
ALUMINUM OXY-NITRIDE AND SPINEL OPTICAL CERAMICS		3,000		2,400
ARMOR AND STRUCTURES TRANSFORMATION INITIATIVE - STEEL TO TITANIUM		8,100		8,100
FLEXIBLE AEROGEL MATERIALS SUPPLIER INITIATIVE		2,000	3,000	2,400
HIGH PERFORMANCE THERMAL BATTERY INFRASTRUCTURE PROJECT		3,000		3,000
INVENTORY FOR DEFENSE APPLICATIONS TO ENSURE RELIABILITY OF SHORT LEAD TIMES		10,000		10,000
LOW COST MILITARY GLOBAL POSITIONING SYSTEM (GPS) RECEIVER		4,000		3,200
METAL INJECTION MOLDING TECHNOLOGICAL IMPROVEMENTS		1,000		800
MILITARY LENS FABRICATION AND ASSEMBLY		4,000		3,200

	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>NAVY PRODUCTION CAPACITY IMPROVEMENT PROJECT</b>		<b>1,000</b>	<b>4,000</b>	<b>3,200</b>
<b>PRODUCTION OF MINIATURE COMPRESSORS FOR ELECTRONICS AND PERSONAL COOLING</b>		<b>4,500</b>		<b>3,600</b>
<b>RADIATION HARDENED CRYOGENIC READ OUT INTEGRATED CIRCUITS</b>		<b>2,000</b>		<b>1,600</b>
<b>ADVANCED CARBON NANOTUBE VOLUME PRODUCTION FACILITY</b>			<b>3,000</b>	<b>2,400</b>
<b>AUTOMATED COMPOSITE TECHNOLOGIES AND MANUFACTURING CENTER</b>			<b>12,000</b>	<b>9,600</b>
<b>BIO-SYNTHETIC PARAFFINIC KEROSENE PRODUCTION</b>			<b>5,000</b>	<b>4,000</b>
<b>CONDUCTIVE COMPOSITES NANO-MATERIALS SCALE-UP INITIATIVE</b>			<b>3,500</b>	<b>2,800</b>
<b>EXTREMELY LARGE, DOMESTIC EXPENDABLE AND REUSABLE STRUCTURES MANUFACTURING CENTER</b>			<b>9,800</b>	<b>7,840</b>
<b>GOODRICH TERAHERTZ SPECTROMETER</b>			<b>5,000</b>	<b>4,000</b>
<b>HIGH HOMOGENEITY OPTICAL GLASS</b>			<b>4,000</b>	<b>3,200</b>
<b>LIGHTWEIGHT SMALL CALIBER AMMUNITION PRODUCTION INITIATIVE</b>			<b>4,200</b>	<b>3,760</b>
<b>TITANIUM METAL MATRIX COMPOSITE AND NANO- ENHANCED TITANIUM DEVELOPMENT</b>			<b>8,000</b>	<b>6,400</b>
<b>TOTAL DPA</b>	<b>38,246</b>	<b>82,846</b>	<b>149,746</b>	<b>150,746</b>

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

For Research, Development, Test and Evaluation, funds are to be  
available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
-----				
<b>RECAPITULATION</b>				
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY.....	10,438,218	11,151,884	10,653,126	11,474,180
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY.....	19,270,932	20,197,300	19,148,509	20,003,463
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE.	27,992,827	27,976,278	28,049,015	28,121,985
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE.....	20,741,542	20,721,723	20,408,968	20,747,081
OPERATIONAL TEST AND EVALUATION, DEFENSE.....	190,770	190,770	190,770	190,770
	-----	-----	-----	-----
GRAND TOTAL, RDT&E.....	78,634,289	80,237,955	78,450,388	80,537,479
	=====	=====	=====	=====

## JOINT LIGHT TACTICAL VEHICLE

The budget request includes a total of \$90,099,000 to continue technology development for the Joint Light Tactical Vehicle (JLTV). The acquisition strategy involves competitive prototyping of vehicles from three contractors, followed by a down-select to two vehicles in fiscal year 2011 to proceed into the engineering and manufacturing development phase of the program. The recommendation fully supports this development strategy, which shares a number of elements of the reforms that have been written into law by the Weapon Systems Acquisition Reform Act of 2009. However, the program has yet to demonstrate itself as a model for a successful development program despite the reformed acquisition strategy. The funding profile has not changed despite a four month delay in initiating the program. Deficiencies in billings have resulted in the program falling far behind the financial benchmarks established by the Department of Defense. Program management has been complicated due to the different funding strategies pursued by the Army and the Marine Corps. There is great concern that of the \$217,255,000 Congress has approved for JLTV since fiscal year 2007, only \$53,128,000 had been expended through the end of fiscal year 2009. Despite these challenges, information has been provided that the program is proceeding in accordance with its revised schedule, billing errors

are being addressed, budget execution is being corrected and prior year funding will be exhausted in 2010. Based upon these assurances, the recommendation contains full funding for the budget request. Careful oversight of program execution and military requirements will continue to ensure the commitment of the Army and Marine Corps to the success of the program.

#### EJECTION SEATS

The US16E ejection seat was competitively selected as the ejection seat for the F-35 Joint Strike Fighter. The progress made on this ejection seat is encouraging and the program of record is fully supported.

#### ENERGETICS

House language noted that the efforts of the military Services as coordinated through the Office of the Secretary of Defense, with the Department of Energy, have led to steady progress in the last decade in advancing the science of energetics and revitalizing the research and development workforce.

However, a report on energetics in the Department of Defense, as directed in House Report 110-652, and which was to be provided to the

congressional defense committees not later than March 1, 2009, was completed June 2009, and was finally delivered September 2, 2009.

House language recommended that the Department of Defense capitalize on best practices within the individual Services to advance the state of the energetics field, and directed that no funds be expended for the creation of a new Executive Agent or Executive Director for Advanced Energetics. The Senate included no similar language.

The recommendation includes no language regarding the use of funds for the creation of a new Executive Agent or Executive Director for Advanced Energetics and directs instead that the Secretary of Defense shall provide a report to the congressional defense committees not later than October 1, 2010, on progress being made on the findings and actions in the June 2009 report.

#### DOMESTIC ENERGY PRODUCTION

There is concern that a plan has not been presented to fund continued development and risk mitigation of domestic gas centrifuge enrichment technology during fiscal year 2010. Despite that, there is support for efforts to develop domestic gas centrifuge enrichment technology so that it can move to commercial scale uranium enrichment operations and potentially

serve as a domestic source of fuel for nuclear power and the enrichment requirements of the defense community. Therefore, the Secretary of Defense, in consultation with the Department of Energy, is urged to explore utilizing all possible existing statutory authority to fund this important activity and to report to the Committees on Appropriations of both the House and Senate no later than 30 days following enactment of this Act regarding funding options.

#### 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” are congressional interest items for purposes of the Base for Reprogramming Department of Defense form (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount, as specifically addressed in these materials.

#### REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

It is the intent of Congress that the program baseline for reprogramming funds reflects all approved adjustment actions: the initial appropriation as well as any rescissions, supplemental appropriations and

approved Department of Defense 1415 reprogrammings. The Secretary of Defense is directed to ensure that financial management regulations incorporate approved reprogramming actions as an adjustment to the base for reprogramming value.

The Department of Defense is directed to continue to follow the reprogramming guidance specified in the report accompanying the House version of the fiscal year 2006 Department of Defense Appropriations Act (H.R. 109-119). Specifically, the dollar threshold for reprogramming funds will remain at \$20,000,000 for procurement and \$10,000,000 for research, development, test, and evaluation. 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. The percentage change limitation applies to both program increases and decreases.

Additionally, this percentage change applies to the program base value at the time the below threshold movement of funds is executed. These thresholds are cumulative from the base for reprogramming value as modified by any adjustment action. 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 Department of Defense must

submit a prior approval reprogramming request to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this report. This guidance is effective for fiscal year 2010 and forward.

#### REPROGRAMMING REPORTING REQUIREMENTS

The Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD1416 reports for service and defense-wide accounts in titles III and IV of this Act as required in the statement of the managers accompanying the conference report on the Department of Defense Appropriations Act, 2006.

#### FUNDING INCREASES

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

# RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

For Research, Development, Test and Evaluation, Army, funds are to  
be available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation	
RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY					
BASIC RESEARCH					
1	IN-HOUSE LABORATORY INDEPENDENT RESEARCH.....	19,671	19,671	19,671	19,671
2	DEFENSE RESEARCH SCIENCES.....	173,024	196,074	183,324	198,504
3	UNIVERSITY RESEARCH INITIATIVES.....	88,421	110,421	87,921	99,921
4	UNIVERSITY AND INDUSTRY RESEARCH CENTERS.....	96,144	114,844	103,144	115,944
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	TOTAL, BASIC RESEARCH.....	377,260	441,010	394,060	434,040
APPLIED RESEARCH					
5	MATERIALS TECHNOLOGY.....	27,206	68,256	81,806	99,966
6	SENSORS AND ELECTRONIC SURVIVABILITY.....	50,641	67,641	58,641	70,641
7	TRACTOR HIP.....	14,324	14,324	14,324	14,324
8	AVIATION TECHNOLOGY.....	41,332	50,832	44,332	49,532
9	ELECTRONIC WARFARE TECHNOLOGY.....	16,119	24,119	16,119	22,419
10	MISSILE TECHNOLOGY.....	50,716	64,816	65,716	71,296
11	ADVANCED WEAPONS TECHNOLOGY.....	19,678	22,678	19,678	22,078
12	ADVANCED CONCEPTS AND SIMULATION.....	17,473	26,973	23,473	27,473
13	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY.....	55,937	74,437	66,437	79,337
14	BALLISTICS TECHNOLOGY.....	61,843	79,843	64,843	78,443
15	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY....	5,293	13,293	7,293	13,693
16	JOINT SERVICE SMALL ARMS PROGRAM.....	7,674	7,674	7,674	7,674
17	WEAPONS AND MUNITIONS TECHNOLOGY.....	41,085	124,585	88,985	145,625
18	ELECTRONICS AND ELECTRONIC DEVICES.....	61,404	115,454	107,204	135,234
19	NIGHT VISION TECHNOLOGY.....	26,893	48,893	35,893	51,143
20	COUNTERMINE SYSTEMS.....	18,945	20,945	22,945	23,745
21	HUMAN FACTORS ENGINEERING TECHNOLOGY.....	18,605	33,605	18,605	30,605
22	ENVIRONMENTAL QUALITY TECHNOLOGY.....	15,902	19,402	23,402	25,602
23	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY.....	24,833	31,533	24,833	30,193
24	COMPUTER AND SOFTWARE TECHNOLOGY.....	5,639	5,639	5,639	5,639
25	MILITARY ENGINEERING TECHNOLOGY.....	54,818	61,918	57,818	61,098
26	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY.....	18,701	18,701	16,701	16,701

(In thousands of dollars)

	Budget	House	Senate	Recommendation
27 WARFIGHTER TECHNOLOGY.....	27,109	31,909	38,109	38,549
28 MEDICAL TECHNOLOGY.....	99,027	195,942	165,387	223,107
TOTAL, APPLIED RESEARCH.....	781,197	1,223,412	1,075,857	1,344,117
ADVANCED TECHNOLOGY DEVELOPMENT				
29 WARFIGHTER ADVANCED TECHNOLOGY.....	37,574	54,524	41,874	54,574
30 MEDICAL ADVANCED TECHNOLOGY.....	72,940	301,866	196,040	341,531
31 AVIATION ADVANCED TECHNOLOGY.....	60,097	87,097	104,697	112,977
32 WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY.....	66,410	89,910	71,210	90,330
33 COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY.....	89,586	162,186	182,886	241,446
34 COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY..	8,667	13,667	8,667	12,417
35 MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY..	7,410	7,410	7,410	7,410
36 ELECTRONIC WARFARE ADVANCED TECHNOLOGY.....	50,458	57,258	58,458	57,498
37 TRACTOR HIKE.....	11,328	11,328	11,328	11,328
38 NEXT GENERATION TRAINING & SIMULATION SYSTEMS.....	19,415	23,915	22,415	25,495
39 TRACTOR ROSE.....	14,569	14,569	14,569	14,569
40 EXPLOSIVES DEMILITARIZATION TECHNOLOGY.....	---	3,500	12,200	12,560
41 MILITARY HIV RESEARCH.....	6,657	29,657	6,657	29,657
42 COMBATING TERRORISM, TECHNOLOGY DEVELOPMENT.....	11,989	11,989	36,989	11,989
43 ELECTRONIC WARFARE TECHNOLOGY.....	19,192	22,692	19,192	21,992
44 MISSILE AND ROCKET ADVANCED TECHNOLOGY.....	63,951	75,751	79,451	87,011
45 TRACTOR CAGE.....	12,154	12,154	12,154	12,154
46 LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY.....	30,317	30,317	36,217	35,037
47 JOINT SERVICE SMALL ARMS PROGRAM.....	8,996	8,996	8,996	8,996
48 NIGHT VISION ADVANCED TECHNOLOGY.....	40,329	64,829	57,329	72,629
49 ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS.....	15,706	15,706	16,206	16,206
50 MILITARY ENGINEERING ADVANCED TECHNOLOGY.....	5,911	45,461	17,511	45,631
51 ADVANCED TACTICAL COMPUTER SCIENCE & SENSOR TECHNOLOGY	41,561	60,061	47,061	57,361
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	695,217	1,204,843	1,069,517	1,380,798

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
DEMONSTRATION & VALIDATION				
52 UNIQUE ITEM IDENTIFICATION (UID).....	---	2,500	---	2,000
53 ARMY MISSILE DEFENSE SYSTEMS INTEGRATION.....	14,683	31,683	74,783	72,163
54 ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (SPACE).....	117,471	120,471	118,671	119,231
55 AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING.....	209,531	110,531	211,531	166,931
57 LANDMINE WARFARE AND BARRIER - ADV DEV.....	17,536	17,536	17,536	17,536
58 SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV.....	4,920	4,920	4,920	4,920
59 TANK AND MEDIUM CALIBER AMMUNITION.....	33,934	33,934	33,934	33,934
60 ADVANCED TANK ARMAMENT SYSTEM (ATAS).....	90,299	90,299	90,299	90,299
61 SOLDIER SUPPORT AND SURVIVABILITY.....	31,752	31,752	33,752	33,352
62 TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - AD.....	18,228	18,228	12,228	12,228
64 ENVIRONMENTAL QUALITY TECHNOLOGY.....	4,770	19,770	6,770	18,470
65 WARFIGHTER INFORMATION NETWORK-TACTICAL.....	180,673	165,673	180,673	170,673
66 NATO RESEARCH AND DEVELOPMENT.....	5,048	5,048	5,048	5,048
67 AVIATION - ADV DEV.....	8,537	8,537	8,537	8,537
68 LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV.....	56,373	57,373	49,873	59,973
69 COMBAT SERVICE SUPPORT CONTROL SYSTEM EVALUATION.....	9,868	9,868	9,868	9,868
70 MEDICAL SYSTEMS - ADV DEV.....	31,275	37,275	33,275	36,075
71 SOLDIER SYSTEMS - ADVANCED DEVELOPMENT.....	71,832	71,007	71,832	74,172
72 INTEGRATED BROADCAST SERVICE.....	1,476	1,476	1,476	1,476
TOTAL, DEMONSTRATION & VALIDATION.....	908,206	837,881	965,006	936,886

(In thousands of dollars)

	Budget	House	Senate	Recommendation
ENGINEERING & MANUFACTURING DEVELOPMENT				
73 AIRCRAFT AVIONICS.....	92,977	88,977	92,977	89,977
74 ARMED, DEPLOYABLE OH-58D.....	65,515	70,515	61,236	66,515
75 ELECTRONIC WARFARE DEVELOPMENT.....	248,463	248,463	197,463	202,063
76 ALL SOURCE ANALYSIS SYSTEM.....	13,107	13,107	13,107	13,107
77 TRACTOR CAGE.....	16,286	16,286	16,286	16,286
78 INFANTRY SUPPORT WEAPONS.....	74,814	76,814	82,814	83,614
79 MEDIUM TACTICAL VEHICLES.....	5,683	5,683	5,683	5,683
80 SMOKE, OBSCURANT AND TARGET DEFEATING SYS-SDD.....	978	978	978	978
81 FAMILY OF HEAVY TACTICAL VEHICLES.....	7,477	10,477	7,477	9,877
82 AIR TRAFFIC CONTROL.....	7,578	7,578	7,578	7,578
83 NON-LIGHT OF SIGHT LAUNCH SYSTEM.....	88,660	88,660	92,460	91,700
84 NON-LINE OF SIGHT CANNON.....	58,216	31,216	58,216	48,216
85 FCS MANNED GRD VEHICLES & COMMON GRD VEHICLE.....	368,557	184,557	368,557	276,557
86 FCS SYSTEMS OF SYSTEMS ENGR & PROGRAM MGMT.....	1,067,191	1,067,191	868,191	917,191
87 FCS RECONNAISSANCE (UAV) PLATFORMS.....	68,701	68,701	78,001	75,501
88 FCS UNMANNED GROUND VEHICLES.....	125,616	125,616	125,616	125,616
89 FCS UNATTENDED GROUND SENSORS.....	26,919	26,919	26,919	26,919
90 FCS SUSTAINMENT & TRAINING R&D.....	749,182	749,182	567,182	659,182
92 NIGHT VISION SYSTEMS - SDD.....	55,410	57,910	55,410	57,410
93 COMBAT FEEDING, CLOTHING, AND EQUIPMENT.....	2,092	2,092	2,092	2,092
94 NON-SYSTEM TRAINING DEVICES - SDD.....	30,209	30,209	30,209	30,209
95 AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -SDD....	28,936	28,936	28,936	28,936
96 CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT.....	33,213	33,213	33,213	33,213
97 AUTOMATIC TEST EQUIPMENT DEVELOPMENT.....	15,320	15,320	15,320	15,320
98 DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - SDD.....	15,727	15,727	15,727	15,727
99 POSITIONING SYSTEMS DEVELOPMENT (SPACE).....	9,446	9,446	9,446	9,446
100 COMBINED ARMS TACTICAL TRAINER (CATT) CORE.....	26,243	26,243	26,243	26,243
102 WEAPONS AND MUNITIONS - SDD.....	34,878	44,378	69,878	87,478
103 LOGISTICS AND ENGINEER EQUIPMENT - SDD.....	36,018	37,518	36,018	37,218

(In thousands of dollars)

	Budget	House	Senate	Recommendation
104 COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - SDD.....	88,995	88,995	43,995	58,995
105 MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT.	33,893	40,293	37,393	42,013
106 LANDMINE WARFARE/BARRIER - SDD.....	82,260	60,960	82,260	72,760
107 ARTILLERY MUNITIONS.....	42,452	42,452	42,452	42,452
108 COMBAT IDENTIFICATION.....	20,070	20,070	10,070	10,070
109 ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE...	90,864	85,364	78,072	79,864
111 GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBs).....	6,002	6,002	6,002	23,902
112 FIREFINDER.....	20,333	20,333	20,333	20,333
113 SOLDIER SYSTEMS - WARRIOR DEM/VAL.....	19,786	19,786	19,786	19,786
114 ARTILLERY SYSTEMS.....	23,318	34,318	114,818	116,418
115 PATRIOT/MEADS COMBINED AGGREGATE PROGRAM (CAP).....	569,182	569,182	569,182	569,182
116 NUCLEAR ARMS CONTROL MONITORING SENSOR NETWORK.....	7,140	7,140	7,140	7,140
117 INFORMATION TECHNOLOGY DEVELOPMENT.....	35,309	35,309	67,109	66,909
118 JOINT AIR-TO-GROUND MISSILE (JAGM).....	127,439	127,439	127,439	127,439
119 MANNED GROUND VEHICLE.....	100,000	50,000	100,000	80,000
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	4,640,455	4,389,555	4,319,284	4,397,115
RDT&E MANAGEMENT SUPPORT				
120 THREAT SIMULATOR DEVELOPMENT.....	22,222	30,222	22,222	25,222
121 TARGET SYSTEMS DEVELOPMENT.....	13,615	13,615	13,615	13,615
122 MAJOR T&E INVESTMENT.....	51,846	51,846	51,846	51,846
123 RAND ARROYO CENTER.....	16,305	16,305	18,305	17,905
124 ARMY KWAJALEIN ATOLL.....	163,514	163,514	163,514	163,514
125 CONCEPTS EXPERIMENTATION PROGRAM.....	23,445	23,445	26,945	26,545
127 ARMY TEST RANGES AND FACILITIES.....	354,693	354,693	354,693	354,693
128 ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS.....	72,911	75,111	86,611	84,831
129 SURVIVABILITY/LETHALITY ANALYSIS.....	45,016	45,016	45,016	45,016
130 DOD HIGH ENERGY LASER TEST FACILITY.....	2,891	2,891	8,891	7,391
131 AIRCRAFT CERTIFICATION.....	3,766	3,766	3,766	3,766
132 METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES.....	8,391	8,391	8,391	8,391
133 MATERIEL SYSTEMS ANALYSIS.....	19,969	19,969	19,969	19,969

(In thousands of dollars)

	Budget	House	Senate	Recommendation
134 EXPLOITATION OF FOREIGN ITEMS.....	5,432	5,432	5,432	5,432
135 SUPPORT OF OPERATIONAL TESTING.....	77,877	77,877	77,877	77,877
136 ARMY EVALUATION CENTER.....	66,309	68,309	66,309	67,909
137 SIMULATION & MODELING FOR ACQ, RQTS, & TNG (SMART)....	5,357	5,357	5,357	5,357
138 PROGRAMWIDE ACTIVITIES.....	77,823	77,823	77,823	77,823
139 TECHNICAL INFORMATION ACTIVITIES.....	51,620	51,620	51,620	51,620
140 MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY...	45,053	70,653	56,153	73,233
141 ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT.....	5,191	5,191	5,191	5,191
142 MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)....	15,866	15,866	15,866	15,866
TOTAL, RDT&E MANAGEMENT SUPPORT.....	1,149,112	1,186,912	1,185,412	1,203,012
OPERATIONAL SYSTEMS DEVELOPMENT				
144 MLRS PRODUCT IMPROVEMENT PROGRAM.....	27,693	27,693	27,693	27,693
146 AEROSTAT JOINT PROJECT OFFICE.....	360,076	288,076	360,076	330,076
147 ADV FIELD ARTILLERY TACTICAL DATA SYSTEM.....	23,727	30,727	23,727	29,327
148 COMBAT VEHICLE IMPROVEMENT PROGRAMS.....	190,301	192,301	197,201	197,421
149 MANEUVER CONTROL SYSTEM.....	21,394	21,394	21,394	21,394
150 AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS...	209,401	209,401	214,817	214,107
151 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.....	792	792	792	792
152 DIGITIZATION.....	10,692	10,692	10,692	10,692
154 MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM.....	39,273	39,273	39,273	39,273
155 OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS.....	---	5,000	---	4,000
156 TRACTOR CARD.....	20,035	20,035	20,035	20,035
158 JOINT TACTICAL GROUND SYSTEM.....	13,258	13,258	13,258	13,258
159 JOINT HIGH SPEED VESSEL (JHSV).....	3,082	3,082	3,082	3,082
161 SECURITY AND INTELLIGENCE ACTIVITIES.....	2,144	2,144	2,144	2,144
162 INFORMATION SYSTEMS SECURITY PROGRAM.....	74,355	74,355	61,455	58,955
163 GLOBAL COMBAT SUPPORT SYSTEM.....	144,733	144,733	144,733	144,733
164 SATCOM GROUND ENVIRONMENT (SPACE).....	40,097	40,097	40,097	40,097
165 WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM.....	12,034	12,034	12,034	12,034

(In thousands of dollars)

	Budget	House	Senate	Recommendation
166 JOINT COMMAND AND CONTROL PROGRAM (JC2).....	20,365	20,365	---	---
167 TACTICAL UNMANNED AERIAL VEHICLES.....	202,521	172,521	172,124	173,521
168 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	188,414	188,414	189,714	189,454
170 AERIAL COMMON SENSOR (ACS).....	210,035	210,035	---	116,035
172 END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES.....	68,466	94,466	85,766	103,406
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	1,882,888	1,820,888	1,640,107	1,751,529
999 CLASSIFIED PROGRAMS.....	3,883	47,383	3,883	26,683
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.....	10,438,218	11,151,884	10,653,126	11,474,180

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

SCAN  
PORTAL

R-1	Budget Request	House	Senate	Recommendation
<b>2 DEFENSE RESEARCH SCIENCES</b>	<b>173,024</b>	<b>196,074</b>	<b>183,324</b>	<b>198,504</b>
Cyber Threat Analytics		3,000		2,400
Organic Semiconductor Modeling and Simulation		1,100		880
Perpetually Available and Secure Information Systems		4,000		3,200
Maine Center for Toxicology and Environmental Health, Toxic Particles Research and Equipment		2,000		1,600
Nanocrystal Source Display		950		760
Secure Open Source Initiative		3,000		2,400
Sustainable Alternative Energy		2,000		2,000
Lightweight Polymer Designs for Soldier Combat Optics		1,000		800
Combat Mental Health Initiative		2,000		1,600
Vision Integrating Strategies in Ophthalmology and Neurochemistry		4,000	2,000	3,200
Bioactive Polymers and Coating Systems for Protection Against Bio-Threats			4,500	3,600
High Frequency Devices and Circuits for Nanotubes and Nanowires			1,800	1,440
Integrated Flexible Electronics			2,000	1,600
<b>3 UNIVERSITY RESEARCH INITIATIVES</b>	<b>88,421</b>	<b>110,421</b>	<b>87,921</b>	<b>99,921</b>
Antennas for Unmanned Aerial Vehicles		1,000		1,000
Collaboration Skills Training for Time-Critical Teams, Squads and Workgroups		2,000		1,600
Construct Training Program		1,500	2,000	1,600
Cooperative Developmental Energy Program		2,000		1,600
Laboratory for Engineered Human Protection		2,000		1,600
Manufacturing Lab for Next Generation Engineers		2,000		1,600
Military Family Coping Patterns		500		400
National Biodefense Training Center (Transferred to line number 30)		5,000		0
Molecular Electronics for Flash Memory Production (Includes transfer from RDT&E, Navy line number 1)		2,000		2,400
Science, Technology, Engineering, Mathematics (STEM) at Coppin University		1,000		800
Battlefield Exercise and Combat Related Spinal Cord Injury Research		3,000		2,400
V72			-7,500	-7,500
Burn and Shock Trauma Institute			2,000	1,600
Hi-Tech Eyes for the Battlefield			2,000	1,600
Open Source Intelligence for Force Protection and Intelligence Analysis			1,000	800
<b>4 UNIVERSITY AND INDUSTRY RESEARCH CENTERS</b>	<b>96,144</b>	<b>114,844</b>	<b>103,144</b>	<b>115,944</b>
Advanced Polymer Systems for Defense Application - Power Generation, Protection and Sensing		3,000		2,400
Center for Hetero-Functional Materials		1,000		800
Center for Nanoscale Bio-Sensors as a Defense against Biological Threats		3,000	3,000	3,000
Development of Enabling Chemical Technologies for Power from Green Sources		1,500		1,200

R-1	Budget Request	House	Senate	Recommendation
High Performance Computing in Biomedical Engineering and Health Sciences		1,500		1,200
Intelligent Network-Centric Sensor Development Program		1,500		1,200
Ink-Based Desktop Electronic Material Technology Manufacturing and Industrial Technology Center		2,000		1,600
Materials Processing and Applications Development Center of Excellence for Industry		500		400
DoD Diabetes Research and Development Initiative (DRDI)		1,500		1,200
DoD Diabetes Research and Development Initiative (DRDI)		3,200		2,560
H50/J22 Network Science - fiscal year 2009 execution delays and excessive growth			-6,000	-6,000
ARL-ONAMI Center for Nanoarchitectures for Enhanced Performance			1,000	800
Academic Support and Research Compliance for Knowledge Gathering (Transferred from O&M, Army line number 323)				2,000
Army Material Degradation			800	640
MEMS Antenna for Wireless Communications Supporting UAVs in the Battlefield			3,000	2,400
Nanotubes Optimized for Lightweight Exceptional Strength (NOLES)			4,000	3,200
Visualization for Training and Simulation in Urban Terrains at Fort Knox			1,200	1,200
<b>5 MATERIALS TECHNOLOGY</b>	<b>27,206</b>	<b>68,256</b>	<b>81,806</b>	<b>99,966</b>
Advanced Composite Research for Vehicles		5,000		4,000
Advanced Conductivity Program		1,000		1,000
Advanced Nanocomposite Materials for Lightweight Integrated Armor Systems		2,000		1,600
Aluminum Armor Project		1,050		840
Ballistic Armor Research		1,000	4,000	3,200
Capabilities Expansion of Spinel Transparent Armor Manufacturing		2,000		1,600
Composite Applied Research and Technology for FCS and Tactical Vehicle Survivability		1,500	4,000	3,200
Development of Improved Lighter-Weight IED/EFP Armor Solutions		2,000		1,600
Distributed, Networked, Unmanned Ground Systems		2,000	4,000	3,200
Dual Stage Variable Energy Absorber		3,000		2,400
Fused Silica for Large-Format Transparent Armor		4,000		3,200
High Strength Glass Production and Qualification for Armor Applications		2,000		1,600
Large-Scale Manufacturing of Revolutionary Nanostructured Materials		1,500		1,200
Lightweight Metal Alloy Foam for Armor		4,000		3,200
Modeling and Testing of Next Generation Body Armor		1,500	2,500	2,000
Multi-Utility Materials for Future Combat Systems		1,000	9,000	7,200
Nanomanufacturing of Multifunctional Sensors		2,000	4,000	4,000
One-Step JP-8 Bio-Diesel Fuel		2,000		1,600
Reactive Materials		1,500		1,200
Ultra Light Metallic Armor		1,000		800
Affordable Light-Weight Metal Matrix Composite (MMC) Armor			2,500	2,500

SC&V  
PORTFOLIO

R-1	Budget Request	House	Senate	Recommendation
Development, Optimization, and Transfer of a Reliable Testing Technology for Materials Designed to Protect Warfighters Against Toxic Chemical Warfare Agents			600	480
Lattice Block Structures for AM2 Matting Replacement			2,000	1,600
Materials Technology for LED Lighting Applications			3,000	2,400
Moldable Fabric Armor (Includes transfer from RDT&E, Defense-Wide line number 18)			2,000	2,240
Nanoelectronic Memory, Sensor and Energy Devices			7,000	6,300
Next Generation High Strength Glass Fibers for Ballistic Armor Applications			2,000	1,600
Next Generation Lightweight Drive System for Army Weapons Systems			2,000	1,600
Renewable Jet Fuel from Lignocellulosic Feedstocks			3,000	2,400
Smart Integrated Systems: Materials, Manufacturing Methods, and Structures			1,000	1,000
Ultrasonic Impact Technology			2,000	2,000
<b>6 SENSORS AND ELECTRONIC SURVIVABILITY</b>	<b>50,641</b>	<b>67,641</b>	<b>58,641</b>	<b>70,641</b>
Advanced Bonded Diamond for Optical Applications		2,500		2,000
Advanced Communications for Mobile Networks		4,000		3,200
Advanced Composite Nickel-Manganese-Cobalt and other Lithium Ion Battery Technologies using Nano Crystal Scission Process		3,000		2,400
Advanced Detection of Explosives		2,000		1,600
Advanced Tactical Laser Flashlight		1,000		800
Next Generation Wearable Video Capture System		1,000		800
Surveillance Augmentation Vehicle		1,500		1,200
Terahertz Sensing and Imaging Technology		2,000		1,600
Advanced UV Light Diode Development			1,000	800
Diamond Lens Elements for High Powered Laser			1,000	800
Electronic Keel			2,000	1,600
Force Protection Radar for Forward Operating Bases			2,000	1,600
Nanophotonic Devices			2,000	1,600
<b>8 AVIATION TECHNOLOGY</b>	<b>41,332</b>	<b>50,832</b>	<b>44,332</b>	<b>49,532</b>
Composite Small Main Rotor Blades		3,000	3,000	3,000
Intensive Quenching for Advanced Weapon Systems		1,500		1,200
OMNI Active Vibration Control System		3,000		2,400
Technologies for Military Equipment Replenishment		2,000		1,600
<b>9 ELECTRONIC WARFARE TECHNOLOGY</b>	<b>16,119</b>	<b>24,119</b>	<b>16,119</b>	<b>22,419</b>
Short Wave Infrared Hostile Fire Indicator for Aircraft		2,000		1,500
Integrated Information Technology Policy Analysis Research and Technology Commercialization and Management Network		4,000		3,200
Silver Fox and Manta Unmanned Aerial Systems		2,000		1,600
<b>10 MISSILE TECHNOLOGY</b>	<b>50,716</b>	<b>64,816</b>	<b>65,716</b>	<b>71,296</b>
Electrically Charged Mesh Defense Net Troop Protection System		7,500		6,000
Mariah Hypersonic Wind Tunnel Development Program		4,000	9,500	7,600
Portable Sensor for Toxic Gas Detection		2,600		2,080

R-1	Budget Request	House	Senate	Recommendation
	Novel Endothermic Armor Material for Insensitive Munitions Protection of Tactical Missiles and Tubes		2,500	2,500
	Swarms Defense System		3,000	2,400
<b>11</b>	<b>ADVANCED WEAPONS TECHNOLOGY</b>	<b>19,678</b>	<b>22,678</b>	<b>22,078</b>
	Integrated Family of Test Equipment V6 Product Improvement Program	3,000		2,400
<b>12</b>	<b>ADVANCED CONCEPTS AND SIMULATION</b>	<b>17,473</b>	<b>26,973</b>	<b>27,473</b>
	Advanced Live, Virtual, and Constructive Training Systems	3,500		2,800
	Cognitive Based Modeling and Simulation for Tactical Decision Support	2,000		1,600
	Compact Biothreat Rapid Analysis Concept	3,000	6,000	4,800
	Protective Gear Development through Man-In-Simulant-Test Chamber	1,000		800
<b>13</b>	<b>COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY</b>	<b>55,937</b>	<b>74,437</b>	<b>79,337</b>
	Advanced Composite Materials Research for Land, Marine, and Air Vehicles	3,500		2,800
	Automotive Technology Tactical Metal Fabrication System	2,500		2,500
	Automotive Tribology Center	2,000		1,600
	Nanofluid Coolants	500	500	500
	Smart Oil Sensor	3,000		2,400
	Tactical Metal Fabrication System (TacFab)	1,000		800
	Turbo Fuel Cell Engine	4,000		3,200
	Ultra Light Weight Transmissions	2,000		1,600
	Vehicle Systems Engineering and Integration Activities		10,000	8,000
<b>14</b>	<b>BALLISTICS TECHNOLOGY</b>	<b>61,843</b>	<b>79,843</b>	<b>78,443</b>
	Advanced Composite Armor for Force Protection	2,000		1,600
	Beneficial Infrastructure for Rotorcraft Risk Reduction	1,000		800
	Direct Carbon Fuel Cell	3,500		2,800
	Enabling Optimization of Reactive Armor	3,000	3,000	3,000
	Eye-Safe Standoff Fusion Detection of CBE Threats	2,500		2,000
	Flexible Solar Cell for Man-portable Power Generator	1,000		800
	SHARK Precision Guided Artillery Round - 105mm	5,000		4,000
	EMG - lack of authorization		-2,000	0
	5.56mm Aluminum Cartridge Case		2,000	1,600
<b>15</b>	<b>CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY</b>	<b>5,293</b>	<b>13,293</b>	<b>13,693</b>
	Highlander Electro-Optical Sensors	2,000		1,600
	Locating and Tracking Explosive Threats with Wireless Sensors and Networks	6,000		4,800
	Missouri Multi-Threat Detection Initiative (M2TDI)		2,000	2,000
<b>17</b>	<b>WEAPONS AND MUNITIONS TECHNOLOGY</b>	<b>41,085</b>	<b>124,585</b>	<b>145,625</b>
	Advanced Rarefaction Weapon Engineered System	4,000		3,200
	Advanced Technology, Energy Manufacturing Sciences	7,000		7,000
	Air Drop Mortar Guided Munition for the Tactical UAV	3,000		2,400
	Armament System Engineering and Integration Initiative	2,000		1,600
	Armaments Academy	3,000		3,000

R-1	Budget Request	House	Senate	Recommendation
Army Center of Excellence in Acoustics, National Center for Physical Acoustics		4,000	4,100	4,000
Defense Support for Civil Authorities for Key Resource Protection		1,000		800
Developmental Mission Integration		7,000		5,600
Effects Based Operations Decision Support Services		2,000		1,600
Green Armament and RangeSafe Technology Initiatives		2,000		1,600
Highly Integrated Lethality Systems Development		4,000		4,000
Highly Integrated Production for Expediting Reset		2,500		2,000
Mortar Anti-Personnel/Anti-Materiel Technology		4,000		3,200
Project National Shield Integration Center		1,500		1,200
Rare Earth Mining Separation and Metal Production		3,000		2,400
Rapid Response Force Projection Systems		2,000		1,600
Reliability and Affordability Enhancement for Precision Guided Munition Systems		6,000		4,800
Scaleable Efficient Power for Armament Systems and Vehicles Dual Use		5,000		4,000
Specialized Compact Automated Mechanical Clearance Platform		4,000		3,200
Tamper Proof Organic Packaging as Applied to Remote Armament Systems		6,000		4,800
Technology Development at the Quad Cities Manufacturing Laboratory (Transferred to line number 32)		2,000		0
Threat Detection and Neutralization		4,000		3,200
Tungsten Heavy Alloy Penetrator and Warhead Development		1,500		1,200
Accelerated Materials Development for Army Cannon Systems			3,000	2,400
Acoustic Gun Detection System for Tracked Combat Vehicles			2,000	1,600
Advanced Materials and Process for Armament Structures (AMPAS)			4,000	3,200
Building a Unified Information Framework			2,000	1,600
Center for Borane Technology			2,000	2,000
Exploding Foil Initiators (EFI) with Nanomaterial-Based Circuits			3,000	2,400
Kinetic Energy Enhanced Lethality and Protection Materials			2,000	2,000
Laser-Guided Energy (LGE) Demonstrator			2,800	2,240
Multifunctional Nanomaterials for Homeland Defense, Counter-Terrorism and Dual-Use Applications			2,500	2,000
Nanotechnology Enterprise Consortium (NTEC)			5,000	5,000
Perimeter Security Systems			5,000	4,500
Projectile Unmanned Aerial Systems		3,000	2,000	2,400
Ripsaw Unmanned Ground Vehicle (UGV) Weaponization			2,500	2,000
Titanium Extraction, Mining and Process Engineering Research			6,000	4,800
<b>18 ELECTRONICS AND ELECTRONIC DEVICES</b>	<b>61,404</b>	<b>115,454</b>	<b>107,204</b>	<b>135,234</b>
Advanced Flexible Solar Photovoltaic Technologies		3,000		2,400
Advanced Power Generation Unit for Military Applications		650		650

R-1	Budget Request	House	Senate	Recommendation
Advanced Power Source for Future Soldiers		1,500		1,200
Bio Battery		1,000		800
Program Increase - SOF Technology Insertion		10,000		6,000
Portable Fuel Cell Power Source		3,000		2,400
High-Volume Manufacturing Development for Thin-film Lithium Stack Battery Technologies		1,000		800
Integrated Lightweight Tracker System		2,000		2,000
Intelligent Energy Control Systems		3,000		2,400
Internal Base Facility Energy Independence		3,200		2,560
Large Format Li-Ion Battery		600	6,200	4,960
Market Viable, Dual-Use, Advanced Energy Storage Solutions Development		5,000		4,000
Micromachined Switches in Support of Transformational Communications Architecture		3,000		2,400
Mid-Infrared Super Continuum Laser		1,000		800
Military Fuel Cell Genset Technology Demonstration		2,500		2,000
Multi-Campus Base Facility Energy Independence		4,000		3,200
Novel Zinc Air Power Sources for Military Applications		2,500		2,000
ONAMI Miniaturized Tactical Energy Systems Development		2,500	3,000	2,500
Printed and Conformal Electronics for Military Applications		2,000		1,600
Soldier Situational Awareness Wristband		1,400		1,120
Solid Oxide Fuel Cell Powered Tactical Charger		1,200		960
Unmanned System Algorithm Development		4,000		3,200
Unjustified program growth		-5,000		-5,000
Tactical Cogeneration System		1,000	3,000	2,400
Advanced Hybrid Chemistry for Portable Power			3,200	2,560
Advanced Soldier-Portable Power Systems Technologies			3,100	2,480
Advanced Wearable Power System Manufacturing			2,000	1,600
Army Asset Visibility Enhancement			1,000	800
Ceramic Membrane – 10(X) Times More Energy for Battery Systems			3,000	2,400
Cogeneration for Enhanced Cooling and Heating of Advanced Tactical Vehicles			4,000	3,200
Eye Safe Laser Range Finder			3,000	2,400
High-Frequency, High-Power Electronic and Optoelectronic Devices on Aluminum Nitride (AlN)			4,000	3,200
Light Weight Nanophosphate Battery with Improved Energy Density			3,000	2,000
Maryland Proof of Concept Alliance for Defense Technologies			2,000	1,600
Self Powered, Lightweight, Flexible Display Unit on a Plastic Substrate			3,800	3,040
Stabilized Enzyme Biofuel Cell (SEBC) for Unmanned Ground Sensors			1,500	1,200
<b>19 NIGHT VISION TECHNOLOGY</b>	<b>26,893</b>	<b>48,893</b>	<b>35,893</b>	<b>51,143</b>
IR-Vascular Facial Fingerprinting		3,000		2,400
Next Generation Communications System		1,000		800
Personal Miniature Thermal Viewer		1,000		800
Program Increase		11,000		8,250
Standoff Improvised Explosive Detection Program		6,000		4,800
Materials for Infrared Night Vision Equipment			9,000	7,200

POI RATE

R-1		Budget Request	House	Senate	Recommendation
20	<b>COUNTERMINE SYSTEMS</b>	<b>18,945</b>	<b>20,945</b>	<b>22,945</b>	<b>23,745</b>
	Spectroscopic Materials Identification Center		2,000		1,600
	Standoff Sensors, Detection of Explosives and Explosive Devices (IEDs)			4,000	3,200
21	<b>HUMAN FACTORS ENGINEERING TECHNOLOGY</b>	<b>18,605</b>	<b>33,605</b>	<b>18,605</b>	<b>30,605</b>
	Leonard Wood Institute		15,000		12,000
22	<b>ENVIRONMENTAL QUALITY TECHNOLOGY</b>	<b>15,902</b>	<b>19,402</b>	<b>23,402</b>	<b>25,602</b>
	Biowaste-to-Bioenergy Center		2,500		2,000
	Rocket Motor Contained System		1,000		800
	Chemical Materials and Environmental Modeling Project			2,000	2,000
	Cluster Bomb Unit and Combined Effects Munitions Demilitarization			1,000	800
	MLRS Disposal System			2,500	2,500
	Navy Gun Ammunition Demilitarization and Recycling			2,000	1,600
	<b>COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY</b>				
23	<b>TECHNOLOGY</b>	<b>24,833</b>	<b>31,533</b>	<b>24,833</b>	<b>30,193</b>
	Command, Control, Communications Technology		2,000		1,600
	Lightweight 10-meter Antenna Mast		2,500		2,000
	Mobile Mesh Network Node		2,200		1,760
25	<b>MILITARY ENGINEERING TECHNOLOGY</b>	<b>54,818</b>	<b>61,918</b>	<b>57,818</b>	<b>61,098</b>
	Cellulose Nanocomposites Panels for Ballistic Protection		2,000		1,600
	Environmentally Intelligent Moisture and Corrosion Control for Concrete		2,100		1,680
	Geosciences/Atmospheric Research		3,000	3,000	3,000
26	<b>MANPOWER/PERSONNEL/TRAINING TECHNOLOGY</b>	<b>18,701</b>	<b>18,701</b>	<b>16,701</b>	<b>16,701</b>
	Premature Growth			-2,000	-2,000
27	<b>WARFIGHTER TECHNOLOGY</b>	<b>27,109</b>	<b>31,909</b>	<b>38,109</b>	<b>38,549</b>
	Improved Thermal Resistant Nylon for Enhanced Durability and Thermal Protection in Combat Uniforms		1,500	4,000	3,200
	Injection Molded Ceramic Body Armor		1,000		800
	Joint Precision Airdrop Systems-Wind Profiling Portable Radar		2,300		1,840
	Biosecurity Research for Soldier Food Safety			2,000	1,600
	Carbon Nanotube Production			2,000	1,600
	Nano-enabled Ultra High Storage Density Non-volatile Memory for Commander's Digital Assistant			3,000	2,400
28	<b>MEDICAL TECHNOLOGY</b>	<b>99,027</b>	<b>195,942</b>	<b>165,387</b>	<b>223,107</b>
	Advanced Bio-Engineering for Enhancement of Soldier Survivability		3,000	2,500	2,500
	Advanced Functional Nanomaterials for Biological Processes		2,500	2,400	2,400
	Alginate Oligomers to Treat Infectious Microbial Biofilms		2,000		1,600
	Battlefield Research Accelerating Virtual Environments for Military Individual Neuro Disorders (BRAVEMIND)		1,000		1,000

R-1	Budget Request	House	Senate	Recommendation
Protein Hydrogel for Surgical Repair of Battlefield Injuries		1,000		800
Cancer Prevention through Remote Biological Sensing		2,000		1,600
Carbide Derived Carbon for Treatment of Combat Related Sepsis		1,000		800
Center for Bone Repair and Military Readiness		1,500		1,200
Center for Injury Biomechanics		4,000	4,000	4,000
Womens Cancer Genomics Center		3,000		2,400
Clinical Trial to Investigate Efficacy of Human Skin Substitute		1,000		800
Control of Vector-Borne Diseases		3,000		2,400
Diabetes Care in the Military		2,000		1,600
Flu Vaccine Technology Program		1,500		1,200
Epigenetic Disease Research		2,000		1,600
Evaluation of Integrative Approaches to Resilience		2,000		1,600
Extended Duration Silver Wound Dressing - Phase II		1,000		800
Eye Trauma and Visual Restoration		1,000		800
Florida Trauma Rehabilitation Institute for Returning Military Personnel		3,000		2,400
Framework for Electronic Health Record-Linked Predictive Models		3,000		2,400
Human Organ and Tissue Preservation Technology		2,000		1,600
Improving Soldier Recovery from Catastrophic Bone Injuries		4,000	3,000	3,200
Jackson Health System Military Trauma Training Enhancement Initiative		2,500		2,000
Lifestyle Modifications to Reduce Chronic Disease in Military Personnel		1,500		1,500
Lightweight, Battery Driven, and Battlefield Deployment Ready NG Feeding Tube Cleaner		500		500
Myositis Association-exposure to environmental toxins		1,250		1,000
Nanofiber Based Synthetic Bone Repair Device for Limb Salvage		1,000		1,000
Nano-Imaging Agents for Early Disease Detection		1,000		800
National Eye Evaluation and Research Network		3,000		2,400
Neuro-Performance Research		2,000		1,600
Neuroscience Research Consortium to Study Spinal Cord Injury		1,500		1,200
New York Medical College Bioterrorism Research		165		132
Non-Leaching Antimicrobial Surface for Orthopedic Devices		1,500		1,200
Operating Room of the Future (Includes transfer from Defense Health Program RDT&E)		2,500		2,000
Portable Low-Volume Therapy for Severe Blood Loss		2,000		1,600
Positron Capture and Storage (Transferred to line number 54)		1,500		0
Rapid Wound Healing Cell Technology		2,500		2,000
Regenerative Medicine Research		2,000		1,600
Research to Develop Strategies to Improve Prognosis of Soldiers Suffering Abdominal Trauma		2,000		1,600
Research to Treat Cancerous Brain Tumors using Neural Stem Cells		2,000		1,600
School of Nursing Advancement		2,000		2,000

R-1	Budget Request	House	Senate	Recommendation
Self Powered Prosthetic Limb Technology		2,000	1,000	1,600
Synchrotron-Based Scanning Research Neuroscience and Proton Institute		6,000		6,000
Technology Solutions for Brain Cancer Detection and Treatment		1,500		1,200
Understanding Blast Induced Brain Injury		3,000		2,400
University of Miami Ryder Trauma Center/ William Lehman Injury Research Center		4,000		3,200
Westchester County Medical Center Health Imaging Upgrades		1,500		1,200
Biometric Signature and Passive Physiological Monitoring (Transferred to RDT&E, Air Force line number 238)			5,000	0
Center for Advanced Emergency Response (Transferred from RDT&E, Defense-Wide line number 32)				4,000
Center for Engineered Biomedical Devices			360	288
Center for Respiratory Biodefense			3,000	2,400
Cleveland Clinic Rehabilitation Research			1,000	800
Complimentary and Alternative Medicine Research for Military Operations and Healthcare (MIL-CAM)			6,500	5,200
Development of Drugs for Malaria and Leishmaniasis			3,400	3,120
Expansion and Development of Bionic Limbs for US Military Personnel			2,500	2,000
Identification of New Drug Targets in Multi-Drug Resistant Bacterial Infections (Includes transfer from RDT&E, Defense-Wide line number 26)			2,500	2,000
Lightweight Medical Devices			2,000	1,600
Long-term Pain and Infection Management for Combat Casualty Care			2,900	2,320
Military Family Empowerment Initiative			1,000	800
Minimizing Shock in Battlefield Injuries			1,900	1,900
New Vaccines to Fight Respiratory Disease and Central Nervous Disorders			6,000	4,800
Online Health Services Optimization			3,900	3,120
Optical Neural Techniques for Combat and Post-Trauma Healthcare			4,000	3,500
Regenerative Medicine for Battlefield Injuries			1,000	1,000
Stabilized Hemoglobin Wound Healing Development			1,500	1,200
SupportNet for Frontline Providers			3,000	2,400
The Center for Neuroprosthetics and BioMEMS			2,000	1,600
<b>29 WARFIGHTER ADVANCED TECHNOLOGY</b>	<b>37,574</b>	<b>54,524</b>	<b>41,874</b>	<b>54,574</b>
Advanced Packaging Materials for Combat Rations		1,000		800
Compostable and Recyclable Fiberboard Material for Secondary Packaging		2,500		2,000
Multi-layer Co-extrusion for High Performance Packaging		2,000		1,600
Next Generation Precision Airdrop System		2,500		2,000
Precision Guided Airdropped Equipment		1,500		1,200
Predictive Casting Process Modeling for Rapid Production of Critical Defense Components		2,000		1,600
Reducing First Responder Casualties with Physiological Monitoring		1,500		1,200

R-1	Budget Request	House	Senate	Recommendation
Remote Environmental Monitoring and Diagnostics in the Perishables Supply Chain		2,750		2,200
Soldier Personal Cooling System		1,200		960
High Pressure Pasteurization and Pressure Assisted Thermal Sterilization Project			4,300	3,440
<b>30 MEDICAL ADVANCED TECHNOLOGY</b>	<b>72,940</b>	<b>301,866</b>	<b>196,040</b>	<b>341,531</b>
Advanced Cancer Genome Institute		2,500		2,000
Advanced Diagnostic and Therapeutic Digital Technologies		2,000		1,600
Advanced Military Wound Healing Research and Treatment		1,000		800
Alliance for Nanohealth		5,000		4,000
ALS Therapy Development Institute -Gulf War Illness Research Project		2,000		1,600
Anti-Microbial Bone Graft Product		2,000		1,600
Antioxidant Micronutrient Therapeutic Countermeasures		1,000		800
Automated Portable Field System for Rapid Detection and Diagnosis of Endemic Diseases and Other Pathogens		2,000		1,600
Battlefield Nursing		2,000		1,600
Battlefield Related Injury Translational Research Strategies		2,250		1,800
Bio-Printing of Skin for Battlefield Burn Repairs		1,000	2,000	2,000
Blood and Bone Marrow Collection Fellowship		2,500		2,000
Blood Safety and Decontamination Technology		3,000		2,400
Brain Interventional Surgical Hybrid Initiative		3,000		2,400
Brain Safety Net		3,000		2,400
Breast Cancer Medical Information Network Decision Support		1,000		800
Cellular Therapy for Battlefield Wounds		3,500		2,800
Center for Cancer Immunology Research		2,000		1,600
Center for Genetic Origins of Cancer		2,500		2,000
Center for Integration of Medicine and Innovative Technology		9,000	10,000	9,000
Center for Ophthalmic Innovation		3,000		2,400
Center of Excellence in Infectious Diseases and Human Microbiome		3,000		2,400
Center for Virtual Reality Medical Simulation Training		1,500		1,200
Clinical Technology Integration for Military Health		2,000		1,600
Chronic Tinnitus Treatment Program		1,000		800
Collagen-Based Wound Dressing		1,000		800
Combat Wound Initiative		3,000		2,400
Customized Nursing Programs for Fort Benning		2,000		1,600
Enhancing Military Ophthalmic Education and Overcoming Urban Healthcare Disparities with Telemedicine		3,000		2,400
Enhancing Wound Healing, Tissue Regeneration, and Biomarker Discovery		2,500	2,000	2,000
Exceptional Family Transitional Training Program for US Military Soldiers, Sailors, Marines and Airmen		800		640
Hadron Particle Therapy		2,000		1,600
Human Genomics, Molecular Epidemiology, and Clinical Diagnostics for Infectious Diseases		1,500		1,200
Health Disparities in Troop Readiness		8,000		8,000
Imaging and Cognitive Evaluation of Soldiers		800		640

R-1	Budget Request	House	Senate	Recommendation
	Infection Prevention Program for Battlefield Wounds	2,000		1,600
	Infectious and Airborne Pathogen Reduction	2,800		2,240
	Institute for Simulation and Interprofessional Studies	5,800		4,640
	Advancement of Bloodless Medicine	1,866		1,493
	Intelligent Orthopedic Fracture Implant Program	1,000		800
	Integrated Patient Electronic Record System	2,000		1,600
	Joint Medical Simulation Technology Center (Transferred to line number 38 )	1,600		0
	Linear Accelerator Cancer Research Project	1,000		800
	Maine Institute for Human Genetics and Health	2,000		1,600
	Malaria Vaccine Development	2,000	5,000	4,000
	Marty Driesler Lung Cancer Project	2,000		1,600
	Mass Casualty First Responders Disaster Surge Technology Program	3,000		2,400
	Medical Biosurveillance and Efficiency Program	2,000		1,600
	Medical Errors Reduction Initiative	2,500		2,000
	Microencapsulation and Vaccine Delivery Research	1,000		800
	Midwest Traumatic Injury Rehabilitation Center	1,460		1,168
	Military Burn Trauma Research Program	2,000	6,000	4,500
	Military Low Vision Research	3,000		2,400
	Military Drug Management System	3,000		2,400
	Military Mental Health Initiative	750		600
	Military Pediatric Training and Support	5,000		4,000
	Mission Hospital Computerized Physician Order Entry	1,000		800
	Mobile Integrated Diagnostic and Data Analysis	2,000		1,600
	Montefiore Critical Looking Glass	1,500		1,200
	Multiplexed Human Fungal Infection Diagnostic	2,000		1,600
	Musculoskeletal Interdisciplinary Research Initiative	2,000		1,600
	National Biodefense Training Center (Includes transfer from line number 3)		5,000	5,000
	National Functional Genomics Center	6,000		6,000
	National Oncogenomics and Molecular Imaging Center	5,950		4,760
	Northern Illinois Proton Treatment and Research Center	3,500		2,800
	NAU-TGen North Dangerous Pathogens DNA Forensics Center Upgrades	2,000		1,600
	Near Infrared Spectroscopy Military Personnel Assessment	1,000		800
	Neural Control of External Devices	1,000	2,000	2,000
	Neuroimaging and Neuropsychiatric Trauma in US Warfighters	6,250	5,000	6,250
	Nursing Teaching and Leadership Program	1,000		800
	Nicholson Center for Surgical Advancement Medical Robotics and Simulation	5,250		4,200
	Personal Status Monitor	1,000		800
	Nurse Education Center of Excellence for Remote and Medically Underserved Populations	2,000		1,600
	Operation Re-Entry NC	3,000	2,000	2,400
	Parsons Institute for Information Mapping	1,500		1,200
	Pediatric Cancer Research and Clinical Trials	2,000		1,600
	Plant-Based Vaccine Research	2,500		2,000
	Plug-In Architecture for DOD Medical Imaging	1,500		1,200
	Power Efficient Microdisplay Development for US Army Night Vision	3,000		2,400

2008  
POLYGRAPH

R-1	Budget Request	House	Senate	Recommendation
Prader Willi Syndrome Research		2,000		1,600
Pride Center for America's Wounded Veterans		2,000		1,600
Remote Bio-Medical Detector		3,500		2,800
Rural Health Center of Excellence for Remote and Medically Underserved Populations		2,000		1,600
Sensor Tape Physiological Monitoring		2,500		2,000
Smart Wound Dressing for MRSA Infected Battlefield Wounds		1,000		800
Spinal Cord Restoration Therapies		1,000	2,000	1,600
Spinal Muscular Atrophy Research Program		3,000		3,000
Stress Disorders Research Initiative at Fort Hood		3,000		2,400
Dermal Matrix Research		2,000	2,000	2,000
Techniques to Manage Noncompressible Hemorrhage Following Combat Injury		2,500		2,000
Telepharmacy Robotic Medicine Device Unit		1,000		800
Testing of Microneedle Device for Multiple Applications		1,200		960
Translational Research for Muscular Dystrophy		2,000		1,600
Transportable Renal Replacement Therapy for Battlefield Applications		1,000		800
Trauma Response Simulation Training (Transferred from O&M, Army National Guard line number 131)				1,200
Treatment of Battlefield Spinal Cord and Burn Injuries		450		360
VTOL Man-Rated UAV and UGV for Medical Multi-Missions and CASEVAC		1,000		800
Vanadium Safety Readiness		4,200		3,360
Wounded Servicemember Bioelectronics Research		1,500	1,000	1,200
101st Airborne/Air Assault Injury Prevention and Performance Enhancement Initiative			3,000	3,000
Advanced Lower Limb Prostheses for Battlefield Amputees			4,000	3,200
Advanced Regenerative Medicine Therapies for Combat Injuries			4,000	3,200
Bio-Surveillance in a Highly Mobile Population			2,000	1,600
Blood, Medical and Food Safety via Eco-Friendly Wireless Sensing (Phase II)			2,000	1,600
Clinical Development of a Norovirus Gastroenteritis Vaccine			4,500	3,600
Cooperative International Neuromuscular Research Group (CINRG)			4,100	3,280
Countermeasures to Hemorrhaging (Liquid Bandage and Tissue Regeneration)			7,200	5,760
Fibrin Adhesive Stat (FAST) Dressing			3,000	2,400
Health Sciences Regenerative Medicine Center - Autologous Tissues Research			4,000	3,200
Highly Functional Neurally Controlled Skeletally Attached and Intelligent Prosthetic Devices			3,800	3,040
Identification of Pain Mechanisms and Therapeutic Targets			1,000	800
In-Field Body Temperature Conditioner			3,000	2,400
Military Medical Decontamination System			4,500	4,500
Military Nutrition Research: Four Tasks to Address Personnel Readiness			1,000	800
Mobile Aerosol Monitoring System for the Department of Defense			1,500	1,200

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R-1	Budget Request	House	Senate	Recommendation
			2,000	1,600
			2,000	2,000
			3,000	2,400
			3,000	2,400
			3,500	2,800
			8,000	6,400
			3,000	2,400
			2,000	1,600
<b>31 AVIATION ADVANCED TECHNOLOGY</b>	<b>60,097</b>	<b>87,097</b>	<b>104,697</b>	<b>112,977</b>
Advanced Affordable Turbine Engine Program		4,000	5,000	4,000
Crewmember Alert Display Development Program		2,000		1,600
Drive System Composite Structural Component Risk Reduction Program		3,000		2,400
Fighting Combat-Related Fatigue Syndrome		1,000		800
Inter Turbine Burner for Turbo Shaft Engines		3,000		2,400
Next Generation Green, Economical and Automated Production of Composite Structures for Aerospace		1,000		1,000
Qualification and Insertion of New High Temperature Domestic Sourced PES for Military Aircraft		3,000		2,400
Heavy Fuel Engine Family for Unmanned Systems		4,000		3,200
UH-60 Transmission/Gearbox Galvanic Corrosion Reduction		1,500	1,500	1,500
Wireless HUMS for Condition Based Maintenance of Army Helicopters		2,000		1,600
Universal Control		2,500	9,000	7,200
Autonomous Cargo Acquisition for Rotorcraft Unmanned Aerial Vehicles			1,600	1,280
Enhanced-Rapid Tactical Integration for Fielding of Systems Initiative			3,900	3,120
Parts-on-Demand from CONUS Operations			5,000	4,500
Robust Composite Structural Core for Army Helicopters			2,000	1,600
Transitioning Stretch Broken Carbon Fiber to Production Programs			4,000	3,200
Unmanned Aerial Systems Ground Based Sense and Avoid Capability Development for Integration into the National Air Space			3,600	2,880
Unmanned Aerial Vehicle Resupply (UAVR) - BURRO			4,000	3,200
Vectored Thrust Ducted Compound Helicopter			5,000	5,000
<b>WEAPONS AND MUNITIONS ADVANCED</b>				
<b>32 TECHNOLOGY</b>	<b>66,410</b>	<b>89,910</b>	<b>71,210</b>	<b>90,330</b>
Advanced Lightweight Gunner Protection Kit for Lightweight MRAP Vehicle		1,000		800
Lens-Less Dual-Mode Micro Seeker for Medium-Caliber Guided Projectiles		2,500		2,000
Lightweight Munitions and Surveillance System for Unmanned Air and Ground Vehicles		4,800		3,840
Micro Inertial Navigation Unit Technology		1,500		1,200
Nanotechnology Fuze		2,000		1,600
Next Generation Machining Technology and Equipment		2,000		1,600
Rapid Insertion of Developmental Technologies into Fielded Systems		2,000		1,600

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R-1	Budget Request	House	Senate	Recommendation
Recovery, Recycle, and Reuse of DOE Metals for DoD Applications (Transferred to RDT&E, Defense-Wide line number 26)		2,400		0
Soldier Protection through Unmanned Ground Vehicles		1,500		1,200
Titanium Powder Advanced Forged Parts Program		3,800		3,040
EMG - lack of authorization			-11,500	-5,500
Biosensor, Communicator and Controller System			3,500	3,500
Advanced Prototyping with Non Traditional Suppliers			1,500	0
Advanced Robot and Sensor Technology for Surveillance and Energy Efficiency Applications			1,500	1,200
Lightweight Reliable Materials for Military Systems			3,500	2,800
Technology Development at the Quad Cities Manufacturing Laboratory (Includes transfer from line number 17)			6,300	5,040
<b>33 COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY</b>	<b>89,586</b>	<b>162,186</b>	<b>182,886</b>	<b>241,446</b>
Advanced Battery Materials and Manufacturing		5,000		4,000
Advanced Carbon Hybrid Battery for Hybrid Electric Vehicles		1,000		800
Advanced Composites for Light Weight, Low Cost Transportation Systems using a 3+ Ring Extruder		3,000		2,400
Advanced Digital Hydraulic Drive System		2,500		2,000
Advanced Lightweight Multifunctional Multi-Threat Composite Armor Material Technology		3,000		2,400
Advanced Lithium Ion Phosphate Battery System for Army Combat Hybrid HMMWV and Other Army Vehicle Platforms		2,000	3,000	2,400
Advanced Technology for Energy Storage		2,000		1,600
Advanced Thermal Management System		3,000		2,400
All Composite Bus Program		2,500		2,000
Ceramic and Metal Matrix Composites Armor Development using Ring Extruder Technology		1,000		800
Army Vehicle Condition Based Maintenance		5,000		4,000
Electric All Terrain Ultra Light Vehicle for the Minnesota National Guard		2,000		1,600
Fire Shield		4,000		3,200
Friction Stir Welding Program		3,000		2,400
Fuel System Component Technology Research		2,000		1,600
Fully Burdened Cost of Fuel and Alternative Energy Methodology and Conceptual Model		3,500		2,800
Hybrid Electric Drive All Terrain Vehicle		2,000		1,600
Hybrid Electric Heavy Truck Vehicle		2,000		1,600
Integrated Defense Technical Information		2,000		1,600
Logistical Fuel Processors Development		1,500		1,200
Networked Reliability and Safety Early Evaluation System		2,000		1,600
Protective 3-D Armor Structure to Safeguard Military Vehicles and Troops		2,000		1,600
Smart Plug-In Hybrid Vehicle Program		4,100	3,000	3,280
Silent Watch, IB NPS 1160 Lithium-Ion Advanced Battery		1,000		800
Superlattice Semiconductors for Mobile SS Lighting and Solar Power Applications		3,500		2,800

SCAN  
PORTNALL

R-1	Budget Request	House	Senate	Recommendation
	Unmanned Robotic System Utilizing a Hydrocarbon Fueled Solid Oxide Fuel Cell System			2,400
	Program Increase	3,000		3,750
	30-Kilowatt Auxiliary Power Unit for Armored Combat Vehicles		2,000	1,600
	Advanced Battery Development Program		10,000	9,000
	Advanced Corrosion Protection for Military Vehicles and Equipment		3,000	2,400
	Advanced Suspension System For Heavy Vehicles		2,700	2,160
	Alternative Energy Advanced Technology Development/Demonstration (Transferred from line number 42)			18,250
	All Composite Lightweight Military Vehicle		2,000	1,600
	Antiballistic Windshield Armor		3,000	2,400
	Compact 10 Kilowatt Generator Set for Army and Marine Combat Vehicles		2,000	1,600
	Defense Advanced Transportation Technology Program Hybrid Truck Users Forum		6,000	4,800
	Enhanced Military Vehicle Maintenance System Demonstration Project		2,800	2,800
	Field Deployable Fleet Hydrogen Fueling		3,000	2,400
	Future Tactical Truck Carbon Composite Shelter and Retrofit of Current Vehicle Shelters		2,000	1,600
	Ground-forces Readiness Enabler for Advanced Tactical Vehicles (GREAT-V)		1,000	800
	Hybrid Engine Development Program		4,000	3,200
	Hydraulic Hybrid Vehicles for the Tactical Wheeled Fleet		3,500	2,800
	JAMMA Family of Vehicles		1,000	800
	Military Installation Electric Vehicle Demonstration Project		2,000	1,600
	On-Board Vehicle Power Systems Development		3,100	2,480
	Plug-in Hybrid Electric Vehicle		4,000	4,000
	Pre-Discharge Threat Cues		2,000	1,600
	Simulation Based Reliability and Safety (SimBRS) Program		4,900	4,900
	Unmanned Ground Vehicle Initiative		12,000	11,000
	VePro - Vehicle Health Usage Monitoring and Prognostics		3,100	2,880
	VSIL: Armored Vehicle Components and Systems Simulated In Cost-Effective Virtual Design and Test Environment		4,000	3,200
	Zouline Armor		4,200	3,360
	<b>COMMAND, CONTROL, COMMUNICATIONS</b>			
34	<b>ADVANCED TECHNOLOGY</b>	8,667	13,667	8,667
	Program Increase		5,000	3,750
36	<b>ELECTRONIC WARFARE ADVANCED TECHNOLOGY</b>	50,458	57,258	58,458
	Applied Communication and Information Networking		3,800	3,000
	Portable Mobile Emergency Broadband Systems		3,000	4,000
	Cybersecurity in Tactical Environments		1,000	800

R-1	Budget Request	House	Senate	Recommendation
<b>NEXT GENERATION TRAINING AND SIMULATION</b>				
<b>38 SYSTEMS</b>	<b>19,415</b>	<b>23,915</b>	<b>22,415</b>	<b>25,495</b>
Combat Medic Trainer		2,000	2,000	2,000
Joint Fires and Effects Trainer System Enhancements		2,500		2,000
Joint Medical Simulation Technology Center (Transferred from line number 30)				1,280
HapMed Combat Medic Trainer			1,000	800
<b>40 EXPLOSIVES DEMILITARIZATION TECHNOLOGY</b>	<b>0</b>	<b>3,500</b>	<b>12,200</b>	<b>12,560</b>
Advanced Reactive Armor Systems		2,000		1,600
Zumwalt National Program for Countermeasures to Biological and Chemical Threats		1,500		1,200
Cryofracture/Plasma Arc Demilitarization Program			8,000	6,400
Ultra Wideband Active RF Detection of IEDs			2,200	1,760
Unserviceable Ammunition Demilitarization via Chemical Dissolution at Tooele Army Depot			2,000	1,600
<b>41 MILITARY HIV RESEARCH</b>	<b>6,657</b>	<b>29,657</b>	<b>6,657</b>	<b>29,657</b>
HIV Prevention and Reducing Risk to US Military Personnel		3,000		3,000
Program Increase		20,000		20,000
<b>COMBATING TERRORISM, TECHNOLOGY</b>				
<b>42 DEVELOPMENT</b>	<b>11,989</b>	<b>11,989</b>	<b>36,989</b>	<b>11,989</b>
Alternative Energy Advanced Technology Development/Demonstration (Transferred to line number 33)			25,000	0
<b>43 ELECTRONIC WARFARE TECHNOLOGY</b>	<b>19,192</b>	<b>22,692</b>	<b>19,192</b>	<b>21,992</b>
Advanced Ground EW and Signals Intelligence System		2,500		2,000
AN/ALQ 211 Networked EW Controller		1,000		800
<b>44 MISSILE AND ROCKET ADVANCED TECHNOLOGY</b>	<b>63,951</b>	<b>75,751</b>	<b>79,451</b>	<b>87,011</b>
Anti-Tamper Research and Development		3,800		3,040
Captive Carry Sensor Test-Bed		3,000		2,400
Foil Bearing Supported UAV Engine		1,000		800
Waterside Wide Area Tactical Coverage and Homing		4,000		3,200
Advanced Commercial Technology Insertion			3,100	3,100
Army Responsive Tactical Space System Exerciser			3,000	3,000
Long Range Hypersonic Interceptor			2,000	1,600
Rapid Response Hostile Fire Detection and Active Protection of Ground and Air Vehicles Sensor Demonstration			3,200	2,560
Scenario Generation for Integrated Air and Missile Defense Evaluation			4,200	3,360
<b>LANDMINE WARFARE AND BARRIER ADVANCED</b>				
<b>46 TECHNOLOGY</b>	<b>30,317</b>	<b>30,317</b>	<b>36,217</b>	<b>35,037</b>
Advanced Demining Technology			5,900	4,720
<b>48 NIGHT VISION ADVANCED TECHNOLOGY</b>	<b>40,329</b>	<b>64,829</b>	<b>57,329</b>	<b>72,629</b>
Brownout Situational Awareness Sensor		3,000		2,400
Buster/Blacklight UAV Development		1,000		800
Enhanced Driver Situational Awareness		1,000		800
Hyper Spectral Sensor for Improved Force Protection		2,000		1,600
Program Increase		15,000		9,000

R-1	Budget Request	House	Senate	Recommendation
	Night Vision and Electronic Sensors Directorate	2,500		2,000
	Bradley Third Generation FLIR		5,000	4,500
	Compact Airborne Multi-Mission Payload (CAMP) (Transferred from line number 51)			1,600
	Microterrain Persistent Surveillance		2,000	1,600
	Smart Sensor Supercomputing Center		10,000	8,000
	<b>ENVIRONMENTAL QUALITY TECHNOLOGY</b>			
<b>49</b>	<b>DEMONSTRATIONS</b>	<b>15,706</b>	<b>15,706</b>	<b>16,206</b>
	Permafrost Tunnel		500	500
<b>50</b>	<b>MILITARY ENGINEERING ADVANCED TECHNOLOGY</b>	<b>5,911</b>	<b>45,461</b>	<b>45,631</b>
	Conversion of Municipal Solid Waste to Renewable Diesel Fuel	3,150		2,520
	Defense Support to Civil Authorities Automated Support System	2,000		1,600
	Demonstration of Thin Film Solar Modules as a Renewable Energy Source	1,000		800
	Distributed Power from Wastewater	2,500		2,000
	Enhancing the Commercial Joint Mapping Toolkit to Support Tactical Military Operations	4,000		3,200
	Field Deployable Hologram Production System	4,800		3,840
	Gas Engine Driven Air Conditioning	3,000		2,400
	Hybrid Energy Systems Design and Testing	2,000		2,000
	Lightweight Protective Roofing	1,500		1,200
	Nanotechnology for Potable Water and Waste Treatment	2,000		1,600
	Optimization of the US Army Topographic Data Management Enterprise	2,600		2,080
	Pacific Command Renewable Energy Security Systems	3,000		2,400
	Ruggedized Military Laptop Fuel Cell Power Supply-Project Phase 3	4,000	2,000	3,200
	University Center for Disaster Preparedness and Emergency Response	1,500		1,200
	Zinc-Flow Electrical Energy Storage	2,500		2,000
	Advanced Tactical Fuels for the US Military		4,000	3,200
	Amorphous Si Flexible Photovoltaics for Grid Parity		2,000	1,600
	Integrated Alternative Power Systems		2,600	2,080
	Natural Gas Firetube Boiler Demonstration		1,000	800
	<b>ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY</b>	<b>41,561</b>	<b>60,061</b>	<b>47,061</b>
<b>51</b>	<b>ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY</b>	<b>41,561</b>	<b>60,061</b>	<b>47,061</b>
	Advanced Radar Transceiver Integrated Circuit Development	1,000		800
	CERDEC Integrated Tool Control System	2,000		1,600
	Foliage Penetrating, Reconnaissance, Surveillance, Tracking, and Engagement Radar (FORESTER) Phase II	2,000		1,600
	Intelligence, Surveillance and Reconnaissance (ISR) Simulation Integration Laboratory	2,000		1,600
	Optimizing Natural Language Processing of Open Source Intelligence	1,500		1,200
	Reduced Manning Situational Awareness	5,000		4,000
	Shared Vision	3,000	2,000	2,400
	Video Compression Technology	2,000		1,400

R-1	Budget Request	House	Senate	Recommendation
Compact Airborne Multi-mission Payload (CAMP) (Transferred to line number 48)			2,000	0
Mobile Localization (M-LOC)			1,500	1,200
<b>52 UNIQUE ITEM IDENTIFICATION (UID)</b>	<b>0</b>	<b>2,500</b>	<b>0</b>	<b>2,000</b>
UID Data Platform		2,500		2,000
<b>53 ARMY MISSILE DEFENSE SYSTEMS INTEGRATION</b>	<b>14,683</b>	<b>31,683</b>	<b>74,783</b>	<b>72,163</b>
Advanced Fuel Cell Research Program		4,000	2,000	3,200
Alternative Power Technology for Missile Defense		1,000	4,000	3,200
Biological Air Filtering System Technology		3,000	3,000	3,000
Compact Pulsed Power Initiative		4,000	3,000	3,200
Geospatial Airship Research Platform		4,000		3,200
Remote Explosive Analysis and Detection System		1,000		800
Adaptive Lightweight Materials Technology for Missile Defense			4,000	3,200
Adaptive Robotics Technology for Space, Air and Missiles (ART-SAM)			4,200	3,360
Advanced Cavitation Power Technology			4,800	3,840
Advanced Electronics Rosebud Integration			3,000	3,000
Continuous Threat Alert Sensing System (CTASS)			1,700	1,360
High Speed Digital Imaging			3,000	2,400
High Temp Polymers for Missile System Applications			4,900	3,920
On-Board Hybrid Power Unit (OBHPU)			1,300	1,040
Orion High Altitude Long Endurance UAV Risk Reduction Effort			9,700	7,760
Standoff Hazardous Agent Detection and Evaluation System			9,000	8,500
Discriminatory Imaging and Network Advancement for Missiles, Aviation and Space			2,500	2,500
<b>ARMY MISSILE DEFENSE SYSTEMS INTEGRATION</b>				
<b>54 (SPACE)</b>	<b>117,471</b>	<b>120,471</b>	<b>118,671</b>	<b>119,231</b>
Advanced Power Technologies for Nano-Satellites		2,000		1,600
Tactical Overwatch High Altitude System		1,000		800
Space Control - excessive program delays			-10,500	-10,000
HiSentinel Stratospheric Airship			3,000	2,400
Low Cost Interceptor			2,100	1,680
Missile Attack Early Warning System			2,600	2,080
Nanocomposite Enhanced Radar and Aerospace Materials (NERAM)			1,000	800
Positron Capture and Storage (Includes transfer from line number 28)			3,000	2,400
<b>55 AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING</b>	<b>209,531</b>	<b>110,531</b>	<b>211,531</b>	<b>166,931</b>
Center for Defense Systems Research		1,000		800
Excessive project cost growth and large unobligated balances		-100,000		-45,000
Advanced Environmental Control Systems			2,000	1,600
<b>61 SOLDIER SUPPORT AND SURVIVABILITY</b>	<b>31,752</b>	<b>31,752</b>	<b>33,752</b>	<b>33,352</b>
Squad Mission Support System (SMSS)			2,000	1,600

R-1		Budget Request	House	Senate	Recommendation
	<b>TACTICAL ELECTRONIC SURVEILLANCE</b>				
62	<b>SYSTEM - AD</b>	18,228	18,228	12,228	12,228
	Unsustained growth			-6,000	-6,000
64	<b>ENVIRONMENTAL QUALITY TECHNOLOGY</b>	4,770	19,770	6,770	18,470
	Cadmium Emissions Reduction - Letterkenny Army Depot		1,000		1,000
	Program Increase		10,000		7,500
	Renewable Energy Testing Center		1,000		800
	Vanadium Technology Program		3,000		2,400
	Environmental Management Information System (EMIS) (Army requested transfer from O&M, Army line number 131)			2,000	2,000
65	<b>WARFIGHTER INFORMATION NETWORK-TACTICAL</b>	180,673	165,673	180,673	170,673
	Program adjustment for FCS termination		-15,000		-10,000
	<b>LOGISTICS AND ENGINEER EQUIPMENT - ADVANCED DEVELOPMENT</b>				
68	<b>DEVELOPMENT</b>	56,373	57,373	49,873	59,973
	In-Theater Evaluation of Ballistic Protection		1,000		800
	JLTV unjustified growth			-10,000	0
	Expeditionary Water Reclamation Process using Supercritical Water Oxidation			3,500	2,800
70	<b>MEDICAL SYSTEMS - ADVANCED DEVELOPMENT</b>	31,275	37,275	33,275	36,075
	Execution of a Quality Systems Program for FDA Regulation Activities		1,500		1,200
	Model for Green Laboratories and Clean Rooms		1,500		1,200
	Wireless Medical Monitoring System		3,000	2,000	2,400
71	<b>SOLDIER SYSTEMS - ADVANCED DEVELOPMENT</b>	71,832	71,007	71,832	74,172
	Unexecutable growth		-5,000		-1,000
	Acid Alkaline Direct Methanol Fuel Cell		2,000		1,600
	Fire Suppression System		1,425		1,140
	Improved HELLHOUND 40mm Low Velocity High Explosive Ammunition		750		600
73	<b>AIRCRAFT AVIONICS</b>	92,977	88,977	92,977	89,977
	Unjustified program growth		-4,000		-3,000
74	<b>ARMED, DEPLOYABLE OH-58D</b>	65,515	70,515	61,236	66,515
	Advanced Composite Ammunition Magazine/Mount System		2,000		1,600
	LW25 Gun System and Demonstration		3,000		2,400
	Kiowa Warrior Replacement funds requested ahead of Analysis of Alternatives completion			-4,279	-3,000
75	<b>ELECTRONIC WARFARE DEVELOPMENT</b>	248,463	248,463	197,463	202,063
	L12 unjustified growth			-18,000	-18,000
	Excessive CIRCM management services			-35,000	-30,000
	Hostile Fire Indicator			2,000	1,600
78	<b>INFANTRY SUPPORT WEAPONS</b>	74,814	76,814	82,814	83,614
	Headborne Energy Analysis and Diagnostic System		2,000		1,600
	Composite Bottles for Survival Egress Air			4,000	4,000
	Lightweight Caliber .50 Machine Gun			4,000	3,200

R-1	Budget Request	House	Senate	Recommendation	
81	FAMILY OF HEAVY TACTICAL VEHICLES	7,477	10,477	7,477	9,877
	Mobile Power 30 Kilowatt System Power Control Unit Development Project		1,000		800
	RDT&E for the Family of Heavy Tactical Vehicles (FHTV)		2,000		1,600
83	NON-LINE OF SIGHT LAUNCH SYSTEM	88,660	88,660	92,460	91,700
	NLOS-LS Anti-Tamper Initiative			3,800	3,040
84	NON-LINE OF SIGHT CANNON	58,216	31,216	58,216	48,216
	Unjustified termination costs		-27,000		-10,000
85	FCS MANNED GROUND VEHICLES AND COMMON GROUND VEHICLE	368,557	184,557	368,557	276,557
	Unjustified termination costs		-184,000		-92,000
86	FCS SYSTEMS OF SYSTEMS ENGINEERING AND PROGRAM MANAGEMENT	1,067,191	1,067,191	868,191	917,191
	Contractor fee reduction due to contract restructure			-199,000	-150,000
87	FCS RECONNAISSANCE (UAV) PLATFORMS	68,701	68,701	78,001	75,501
	MQ-8B Fire Scout Army			9,300	6,800
90	FCS SUSTAINMENT & TRAINING R&D	749,182	749,182	567,182	659,182
	Program adjustment			-182,000	-90,000
92	NIGHT VISION SYSTEMS - SDD	55,410	57,910	55,410	57,410
	Standard Ground Station - Enhancement Program		2,500		2,000
102	WEAPONS AND MUNITIONS - SDD	34,878	44,378	69,878	87,478
	Lightweight Packaging System for Enhancing Combat Munitions Logistics		2,000		1,600
	Precision Guidance Kit Technology Development		7,500		6,000
	SLAMRAAM (Transferred from Missile Procurement, Army line number 3)			35,000	45,000
103	LOGISTICS AND ENGINEER EQUIPMENT - SDD	36,018	37,518	36,018	37,218
	Autonomous Sustainment Cargo Container		1,500		1,200
104	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - SDD	88,995	88,995	43,995	58,995
	JBC-P lack of justification			-45,000	-30,000
105	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT	33,893	40,293	37,393	42,013
	Army Portable Oxygen Concentration System		1,500		1,200
	Nanophotonic Biosensor Detection of Bioagents and Pathogens		1,900		1,520
	Plasma Sterilizer		3,000		2,400
	Military Applications for Medical Grade Chitosan			3,500	3,000
106	LANDMINE WARFARE/BARRIER - SDD	82,260	60,960	82,260	72,760
	Program adjustment for FCS termination		-21,300		-9,500
108	COMBAT IDENTIFICATION	20,070	20,070	10,070	10,070
	JCTI-G lack of acquisition strategy			-10,000	-10,000

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R-1	Budget Request	House	Senate	Recommendation	
<b>ARMY TACTICAL COMMAND AND CONTROL</b>					
109	<b>HARDWARE AND SOFTWARE</b>	90,864	85,364	78,072	79,864
	Unjustified program growth		-5,500		-3,000
	Fiscal year 2011 operational testing funds requested ahead of need			-12,792	-8,000
<b>GENERAL FUND ENTERPRISE BUSINESS SYSTEM</b>					
111	<b>(GFEBS)</b>	6,002	6,002	6,002	23,902
	Army requested transfer from Other Procurement, Army line number 118				17,900
114	<b>ARTILLERY SYSTEMS</b>	23,318	34,318	114,818	116,418
	M109A6 Paladin		2,000		1,600
	Program Increase		9,000		0
	Army requested transfer from Weapons and Tracked Combat Vehicles, Army line number 11, for Paladin Integrated Management			91,500	91,500
117	<b>INFORMATION TECHNOLOGY DEVELOPMENT</b>	35,309	35,309	67,109	66,909
	DIMHRS (Transferred from RDT&E, Defense-Wide line number 117)			30,800	30,800
	Electronic Commodity Project			1,000	800
119	<b>MANNED GROUND VEHICLE</b>	100,000	50,000	100,000	80,000
	Unjustified program growth		-50,000		-20,000
120	<b>THREAT SIMULATOR DEVELOPMENT</b>	22,222	30,222	22,222	25,222
	Electronic Combat and Counter Terrorism Threat Developments to Support Joint Forces		3,000		3,000
	Joint Threat Emitters (Transferred to Other Procurement, Air Force line number 28)		5,000		0
123	<b>RAND ARROYO CENTER</b>	16,305	16,305	18,305	17,905
	Rand Arroyo Center			2,000	1,600
125	<b>CONCEPTS EXPERIMENTATION PROGRAM</b>	23,445	23,445	26,945	26,545
	Automated Communications Support Systems for WARFIGHTERS, Intelligence Community, Linguists, and Analysts			1,500	1,500
	Technology for Rapid Foreign Language Acquisition for Specialized Military and Intelligence Purposes			2,000	1,600
<b>ARMY TECHNICAL TEST INSTRUMENTATION AND</b>					
128	<b>TARGETS</b>	72,911	75,111	86,611	84,831
	Define Renewable Energy Sources for Base Energy Independence		1,000	2,000	1,600
	MOTS All Sky Imager		1,200		960
	Dugway Field Test Improvements			4,500	3,600
	Multiple Source Data Fusion for Dugway Proving Ground			2,500	2,000
	Phase II, Regional Partnership – Ft. Bliss, WSMR, Holloman			4,700	3,760
130	<b>DOD HIGH ENERGY LASER TEST FACILITY</b>	2,891	2,891	8,891	7,391
	High Energy Laser System Test Facility- HELSTF / HELTD			6,000	4,500

R-1	Budget Request	House	Senate	Recommendation
136 ARMY EVALUATION CENTER	66,309	68,309	66,309	67,909
Tire to Track Transformer System for Light Vehicles		2,000		1,600
<b>MUNITIONS STANDARDIZATION, EFFECTIVENESS</b>				
140 AND SAFETY	45,053	70,653	56,153	73,233
Defense Metals Technology Center		2,500		2,000
Atomized Magnesium Domestic Production Design and Development		2,000		1,600
Domestic Production of Nanodiamond for Military Applications		2,000		1,600
Improved Thermal Batteries for Guided Munitions		3,000		2,400
Joint Munitions and Lethality Mission Integration		2,000		1,600
Medium Caliber Metal Parts Upgrade		3,100	3,000	3,000
Nano Advanced Cluster Energetics		2,000		1,600
Nanotechnology-Enabled Self-Healing Anti-Corrosion Coating Products		2,000		1,400
Program Increase - Protective Armor Systems		5,000		5,000
Self-Powered Sensor System for Munition Guidance and Health Monitoring		2,000		1,500
3D Woven Preform Technology for Army Munitions Applications			2,000	1,600
Army Range Technology Program (ARTP)			6,100	4,880
146 AEROSTAT JOINT PROJECT OFFICE	360,076	288,076	360,076	330,076
Funding ahead of need		-72,000		-30,000
147 ADV FIELD ARTILLERY TACTICAL DATA SYSTEM	23,727	30,727	23,727	29,327
Advanced Field Artillery Tactical Data System		4,500		3,600
Voice Recognition and Cross Platform Speech Interface System		2,500		2,000
148 COMBAT VEHICLE IMPROVEMENT PROGRAMS	190,301	192,301	197,201	197,421
Current Force Common Active Protection System Radar		2,000		1,600
Combat Vehicle Electrical Power-21st Century (CVEP-21)			3,900	3,120
Vibration Management Enhancement Program			3,000	2,400
<b>AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT</b>				
150 PROGRAMS	209,401	209,401	214,817	214,107
D18 - JCA PQT and LFT&E non-Army requirements			-984	-984
UH-60 Aviation Software Performance Assessment Test Bed			6,400	5,690
<b>OTHER MISSILE PRODUCT IMPROVEMENT</b>				
155 PROGRAMS	0	5,000	0	4,000
Javelin Warhead Improvement Program		5,000		4,000
162 INFORMATION SYSTEMS SECURITY PROGRAM	74,355	74,355	61,455	58,955
BEC EMD contract funds requested ahead of need			-10,100	-10,100
JPIv2 EMD contract funds requested ahead of need			-6,800	-6,800
Biometrics DNA Applications			4,000	1,500
166 JOINT COMMAND AND CONTROL PROGRAM (JC2)	20,365	20,365	0	0
NECC program adjustment			-20,365	-20,365

<b>R-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>167 TACTICAL UNMANNED AERIAL VEHICLES</b>	<b>202,521</b>	<b>172,521</b>	<b>172,124</b>	<b>173,521</b>
Unjustified program growth		-30,000		-20,000
UGCS lack of synchronization with Department-wide enterprise			-15,000	-15,000
D09 IOT&E funds requested ahead of need			-22,897	0
4th Generation Wireless Exploitation			3,000	2,400
Shadow TUAS Flight in the National Air Space			2,500	2,000
Tactical UAV, Heavy Fuel Engine			2,000	1,600
<b>DISTRIBUTED COMMON GROUND/SURFACE</b>				
<b>168 SYSTEMS</b>	<b>188,414</b>	<b>188,414</b>	<b>189,714</b>	<b>189,454</b>
Heuristic Internet Protocol Packet Inspection Engine (HIPPIE)			1,300	1,040
<b>170 AERIAL COMMON SENSOR (ACS)</b>	<b>210,035</b>	<b>210,035</b>	<b>0</b>	<b>116,035</b>
Program adjustment			-210,035	-94,000
<b>172 END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES</b>	<b>68,466</b>	<b>94,466</b>	<b>85,766</b>	<b>103,406</b>
Achieving Lightweight Casting Solutions		2,000		1,600
ARL 3D Model-Based Inspection and Scanning		3,000		2,400
De-Weighting Military Vehicles through Advanced Composites Manufacturing Technology		2,000	3,700	2,960
High Performance Alloy Materials and Advanced Manufacturing of Steel Castings for New Light Weight and Robotic Weapon Systems		3,000		2,400
Lightweight Magnesium Parts for Military Applications		2,000		1,600
National Center for Defense Manufacturing and Machining		2,000		1,600
Network Centric Prototype Manufacturing		4,000		4,000
Polymeric Web Run-Flat Tire Inserts for Convoy Protection		3,500		3,500
Smart Machine Platform Initiative		3,000		2,400
Solid State Processing of Titanium Alloys for Advanced Materiel Armaments		1,500		1,200
Aging and Battle Damaged Weapon Systems Repair			1,500	1,200
Improved Manufacturing Processes Demonstration Program for Army Tactical Vehicles			2,000	1,600
Large Structure Titanium Machining Initiative			1,000	800
Legacy Aerospace Gear Drive Re-Engineering Initiative			2,000	2,000
Precision Strike Munitions Advancement with Integrated Millimeter Wave Power Sources to Satisfy Army Strategic Goals			4,100	3,280
Spinel Transparent Armor Production Technology			1,000	800
Superior Weapons Systems through Castings			2,000	1,600
<b>999 CLASSIFIED PROGRAMS</b>	<b>3,883</b>	<b>47,383</b>	<b>3,883</b>	<b>26,683</b>
Asymmetric Threat Response and Analysis Project		2,500		2,000
Army/Joint STARS Surveillance and Control Data Link Technology Refresh		1,000		800
Classified adjustment		40,000		20,000

ENHANCED MEDIUM ALTITUDE RECONNAISSANCE AND SURVEILLANCE  
SYSTEM

The fiscal year 2010 budget request includes \$210,035,000 in Research, Development, Test and Evaluation, Army to initiate the restructured Aerial Common Sensor (ACS) program. However, the Department of Defense has advised that the ACS has been terminated as a program of record and established in its place the Enhanced Medium Altitude Reconnaissance and Surveillance System (EMARSS), which provides a fixed-wing, multi-sensor, integrated intelligence, surveillance and reconnaissance capability to the warfighter. Additionally, the fiscal year 2010 Overseas Contingency Operations (OCO) budget request includes \$105,000,000 to procure EMARSS C-12 aircraft and to modify those aircraft with special mission hardware as a quick reaction capability to satisfy theater-based requirements. The Department based its OCO request on the assumption that ACS would not deliver capability to the warfighter for several years. However, with EMARSS selected as a new program of record in lieu of ACS, the EMARSS quick reaction capability request is duplicative of the program of record, and under current schedules, system deliveries for the program of record are expected shortly after deliveries of the so-called quick reaction capability. Accordingly, the recommendation provides no

funding in the OCO title for procurement and modification of C-12 aircraft. In order to establish EMARSS as a program of record while fulfilling urgent theater-based fielding requirements, the recommendation includes \$116,035,000 in Research, Development, Test and Evaluation, Army, to fully fund the new EMARSS program of record and to accelerate its fielding while establishing a standardized, sustainable intelligence, surveillance and reconnaissance program.

REPORT ON THE USE OF LIVE PRIMATES IN TRAINING RELATING TO CHEMICAL AND BIOLOGICAL AGENTS

The Secretary of Defense is directed to submit to the congressional defense committees, not later than 90 days after the date of the enactment of this Act, a report setting forth a detailed description of the requirements for use by the Department of Defense of live primates at the United States Army Medical Research Institute of Chemical Defense, and elsewhere, to demonstrate the effects of chemical or biological agents or chemical (such as physostigmine) or biological agent simulants in training programs. The report shall include, at a minimum, the following:

- (1) The number of live primates used in the training;
- (2) The average lifespan of primates from the point of introduction into such training programs;

(3) An explanation as to why the use of primates in such training is more advantageous and realistic than the use of human simulators or other alternatives; and

(4) An estimate of the cost of converting from the use of primates to human simulators in such training.

# RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

For Research, Development, Test and Evaluation, Navy, funds are to  
be available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY				
BASIC RESEARCH				
1 UNIVERSITY RESEARCH INITIATIVES.....	99,472	103,472	102,472	102,672
2 IN-HOUSE LABORATORY INDEPENDENT RESEARCH.....	18,076	18,076	18,076	18,076
3 DEFENSE RESEARCH SCIENCES.....	413,743	426,143	423,643	430,903
<b>TOTAL, BASIC RESEARCH.....</b>	<b>531,291</b>	<b>547,691</b>	<b>544,191</b>	<b>551,651</b>
APPLIED RESEARCH				
4 POWER PROJECTION APPLIED RESEARCH.....	59,787	68,787	72,287	77,547
5 FORCE PROTECTION APPLIED RESEARCH.....	91,400	124,900	135,900	146,700
6 MARINE CORPS LANDING FORCE TECHNOLOGY.....	39,308	39,308	46,808	45,808
7 MATERIALS, ELECTRONICS AND COMPUTER TECHNOLOGY.....	---	3,500	---	2,800
8 COMMON PICTURE APPLIED RESEARCH.....	83,163	85,963	89,663	90,903
9 WARFIGHTER SUSTAINMENT APPLIED RESEARCH.....	104,169	104,169	122,569	119,289
10 RF SYSTEMS APPLIED RESEARCH.....	64,816	68,316	66,816	69,616
11 OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH.....	48,750	53,750	51,750	53,950
12 JOINT NON-LETHAL WEAPONS APPLIED RESEARCH.....	6,008	6,008	6,008	6,008
13 UNDERSEA WARFARE APPLIED RESEARCH.....	55,694	60,194	63,194	65,294
14 MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH.....	40,880	40,880	44,380	44,080
<b>TOTAL, APPLIED RESEARCH.....</b>	<b>593,975</b>	<b>655,775</b>	<b>699,375</b>	<b>721,995</b>
ADVANCED TECHNOLOGY DEVELOPMENT				
15 POWER PROJECTION ADVANCED TECHNOLOGY.....	107,969	125,869	106,869	116,689
16 FORCE PROTECTION ADVANCED TECHNOLOGY.....	66,035	91,935	75,235	93,355
17 COMMON PICTURE ADVANCED TECHNOLOGY.....	108,394	49,284	110,394	109,994
18 WARFIGHTER SUSTAINMENT ADVANCED TECHNOLOGY.....	86,239	95,039	86,239	93,279
19 ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY.....	65,827	65,827	76,327	75,827
20 MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD) ..	107,363	114,863	115,363	121,063
21 JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT.....	10,998	11,998	10,998	11,798
22 WARFIGHTER PROTECTION ADVANCED TECHNOLOGY.....	18,609	52,609	20,609	52,109
23 UNDERSEA WARFARE ADVANCED TECHNOLOGY.....	68,037	76,037	68,037	74,037
24 NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS.....	52,643	52,643	52,643	52,643

(In thousands of dollars)

	Budget	House	Senate	Recommendation
25 MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY....	28,782	30,782	28,782	30,382
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	720,896	766,886	751,496	831,176
DEMONSTRATION & VALIDATION				
26 AIR/OCEAN TACTICAL APPLICATIONS.....	116,082	117,982	117,482	119,002
27 AVIATION SURVIVABILITY.....	6,505	19,505	18,005	27,405
28 DEPLOYABLE JOINT COMMAND AND CONTROL.....	6,032	9,832	6,032	9,072
29 ASW SYSTEMS DEVELOPMENT.....	16,585	26,455	19,585	25,680
30 TACTICAL AIRBORNE RECONNAISSANCE.....	7,713	10,213	7,713	9,713
31 ADVANCED COMBAT SYSTEMS TECHNOLOGY.....	1,677	4,177	1,677	3,677
32 SURFACE AND SHALLOW WATER MINE COUNTERMEASURES.....	76,739	86,739	84,739	92,739
33 SURFACE SHIP TORPEDO DEFENSE.....	57,538	70,038	57,538	67,538
34 CARRIER SYSTEMS DEVELOPMENT.....	173,594	173,594	176,794	176,554
35 SHIPBOARD SYSTEM COMPONENT DEVELOPMENT.....	1,691	13,791	21,491	30,351
36 PILOT FISH.....	79,194	79,194	79,194	79,194
37 RETRACT LARCH.....	99,757	99,757	99,757	109,757
38 RETRACT JUNIPER.....	120,752	120,752	114,752	114,752
39 RADIOLOGICAL CONTROL.....	1,372	1,372	1,372	1,372
40 SURFACE ASW.....	21,995	23,995	21,995	23,595
41 ADVANCED SUBMARINE SYSTEM DEVELOPMENT.....	551,836	554,836	550,836	551,836
42 SUBMARINE TACTICAL WARFARE SYSTEMS.....	10,172	11,172	12,172	12,572
43 SHIP CONCEPT ADVANCED DESIGN.....	22,541	22,541	22,541	22,541
44 SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES.....	28,135	40,935	28,135	38,375
45 ADVANCED NUCLEAR POWER SYSTEMS.....	259,887	259,887	259,887	259,887
46 ADVANCED SURFACE MACHINERY SYSTEMS.....	5,599	13,199	19,399	20,639
47 CHALK EAGLE.....	443,555	443,555	443,555	443,555
48 LITTORAL COMBAT SHIP (LCS).....	360,518	366,918	360,518	424,518
49 COMBAT SYSTEM INTEGRATION.....	22,558	22,558	22,558	22,558
50 CONVENTIONAL MUNITIONS.....	3,458	4,458	3,458	4,258
51 MARINE CORPS ASSAULT VEHICLES.....	293,466	243,466	293,466	293,466
53 MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM.....	73,798	73,798	59,798	78,598

(In thousands of dollars)

	Budget	House	Senate	Recommendation
54 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT.....	21,054	21,054	21,054	21,054
55 COOPERATIVE ENGAGEMENT.....	56,586	61,586	56,586	60,586
56 OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT.....	17,328	17,328	17,328	17,328
57 ENVIRONMENTAL PROTECTION.....	20,661	20,661	21,661	21,461
58 NAVY ENERGY PROGRAM.....	8,476	13,476	17,876	18,996
59 FACILITIES IMPROVEMENT.....	4,002	9,202	7,402	10,082
60 CHALK CORAL.....	70,772	70,772	70,772	70,772
61 NAVY LOGISTIC PRODUCTIVITY.....	4,301	7,101	16,001	15,101
62 RETRACT MAPLE.....	210,237	210,237	210,237	210,237
63 LINK PLUMERIA.....	69,313	69,313	63,313	63,313
64 RETRACT ELM.....	152,151	152,151	152,151	152,151
65 SHIP SELF DEFENSE.....	6,960	6,960	6,960	6,960
66 LINK EVERGREEN.....	123,660	123,660	123,660	123,660
67 SPECIAL PROCESSES.....	54,115	54,115	54,115	54,115
68 NATO RESEARCH AND DEVELOPMENT.....	10,194	10,194	10,194	10,194
69 LAND ATTACK TECHNOLOGY.....	1,238	8,238	1,238	6,838
70 NONLETHAL WEAPONS.....	46,971	49,871	46,971	49,291
71 JOINT PRECISION APPROACH AND LANDING SYSTEMS.....	150,304	150,304	150,304	150,304
72 SINGLE INTEGRATED AIR PICTURE (SIAP) SYSTEM ENGINEER..	52,716	52,716	52,716	52,716
74 DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS.....	5,003	22,003	8,003	19,303
75 TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES.....	63,702	63,702	50,702	50,702
77 JOINT COUNTER RADIO CONTROLLED IED ELECTRONIC WARFARE.	67,843	67,843	32,843	55,843
78 PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM.....	40,926	40,926	40,926	40,926
79 SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE..	42,533	42,533	40,533	40,533
TOTAL, DEMONSTRATION & VALIDATION.....	4,163,795	4,260,665	4,177,995	4,385,670
ENGINEERING & MANUFACTURING DEVELOPMENT				
80 OTHER HELO DEVELOPMENT.....	54,092	54,092	54,092	54,092
81 AV-8B AIRCRAFT - ENG DEV.....	20,886	20,886	20,886	20,886
82 STANDARDS DEVELOPMENT.....	53,540	59,340	53,540	59,340

(In thousands of dollars)

	Budget	House	Senate	Recommendation
83 MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT.....	81,953	81,953	76,553	75,613
84 AIR/OCEAN EQUIPMENT ENGINEERING.....	7,485	7,485	7,485	7,485
85 P-3 MODERNIZATION PROGRAM.....	3,659	3,659	3,659	3,659
86 WARFARE SUPPORT SYSTEM.....	6,307	6,307	6,307	6,307
87 TACTICAL COMMAND SYSTEM.....	86,462	95,462	86,462	92,862
88 ADVANCED HAWKEYE.....	364,557	362,557	364,557	362,557
89 H-1 UPGRADES.....	32,830	25,830	32,830	32,830
90 ACOUSTIC SEARCH SENSORS.....	56,369	56,369	56,369	56,369
91 V-22A.....	89,512	89,512	64,512	77,012
92 AIR CREW SYSTEMS DEVELOPMENT.....	14,265	12,565	14,265	12,565
93 EA-18.....	55,446	57,446	55,446	57,046
94 ELECTRONIC WARFARE DEVELOPMENT.....	97,635	101,635	102,635	105,635
95 VHXX EXECUTIVE HELO DEVELOPMENT.....	85,240	485,240	30,000	130,000
96 NEXT GENERATION JAMMER (NGJ).....	127,970	117,970	127,970	117,970
97 JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY).....	876,374	880,874	876,374	879,974
98 SC-21 TOTAL SHIP SYSTEM ENGINEERING.....	---	5,000	5,000	8,000
99 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING.....	178,459	185,459	178,459	184,059
100 LPD-17 CLASS SYSTEMS INTEGRATION.....	5,304	5,304	5,304	5,304
101 SMALL DIAMETER BOMB (SDB).....	43,902	43,902	43,902	43,902
102 STANDARD MISSILE IMPROVEMENTS.....	182,197	168,197	182,197	167,997
103 AIRBORNE MCM.....	48,712	51,712	48,712	51,112
104 NAVAL INTEGRATED FIRE CONTROL-COUNTER AIR SYSTEMS ENG.	11,727	11,727	11,727	11,727
105 ADVANCED ABOVE WATER SENSORS.....	236,078	259,078	236,078	252,478
106 SSN-688 AND TRIDENT MODERNIZATION.....	122,733	122,733	121,733	121,333
107 AIR CONTROL.....	6,533	6,533	6,533	6,533
108 SHIPBOARD AVIATION SYSTEMS.....	80,623	82,123	77,623	78,823
109 COMBAT INFORMATION CENTER CONVERSION.....	13,305	13,305	13,305	13,305
110 NEW DESIGN SSN.....	154,756	195,256	162,756	185,156
112 SUBMARINE TACTICAL WARFARE SYSTEM.....	59,703	62,203	66,703	67,303

(In thousands of dollars)

	Budget	House	Senate	Recommendation
113 SHIP CONTRACT DESIGN/LIVE FIRE T&E.....	89,988	92,488	91,988	91,988
114 NAVY TACTICAL COMPUTER RESOURCES.....	4,620	4,620	4,620	4,620
115 MINE DEVELOPMENT.....	2,249	2,249	2,249	2,249
116 LIGHTWEIGHT TORPEDO DEVELOPMENT.....	21,105	21,105	24,105	23,505
117 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT.....	10,327	10,327	10,327	10,327
118 PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS....	5,898	6,898	5,898	6,698
119 JOINT STANDOFF WEAPON SYSTEMS.....	10,022	10,022	10,022	10,022
120 SHIP SELF DEFENSE (DETECT & CONTROL).....	35,459	37,459	46,459	44,559
121 SHIP SELF DEFENSE (ENGAGE: HARD KILL).....	34,236	35,736	46,236	46,236
122 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW).....	88,895	88,895	88,895	88,895
123 INTELLIGENCE ENGINEERING.....	14,438	14,438	14,438	14,438
124 MEDICAL DEVELOPMENT.....	9,888	33,788	22,288	56,928
125 NAVIGATION/ID SYSTEM.....	63,184	63,184	63,184	63,184
127 JOINT STRIKE FIGHTER (JSF).....	1,741,296	1,956,296	1,663,296	1,956,296
128 INFORMATION TECHNOLOGY DEVELOPMENT.....	9,868	9,868	9,868	9,868
129 INFORMATION TECHNOLOGY DEVELOPMENT.....	69,026	75,826	90,126	91,866
130 CH-53K.....	554,827	524,443	554,827	524,443
132 JOINT AIR-TO-GROUND MISSILE (JAGM).....	81,434	77,734	81,434	77,734
133 MULTI-MISSION MARITIME AIRCRAFT (MMA).....	1,162,417	1,182,417	1,162,417	1,175,417
134 CG(X).....	150,022	110,022	86,022	46,022
135 DDG-1000.....	539,053	539,053	526,453	526,453
136 TACTICAL CRYPTOLOGIC SYSTEMS.....	19,016	20,516	19,016	19,916
<b>TOTAL, ENGINEERING &amp; MANUFACTURING DEVELOPMENT.....</b>	<b>7,975,882</b>	<b>8,649,098</b>	<b>7,818,142</b>	<b>8,240,898</b>
RDT&E MANAGEMENT SUPPORT				
137 THREAT SIMULATOR DEVELOPMENT.....	25,534	27,534	25,534	27,134
138 TARGET SYSTEMS DEVELOPMENT.....	79,603	79,603	79,603	79,603
139 MAJOR T&E INVESTMENT.....	44,844	51,544	49,844	51,844
140 STUDIES AND ANALYSIS SUPPORT - NAVY.....	11,422	12,422	11,422	12,422
141 CENTER FOR NAVAL ANALYSES.....	49,821	49,821	49,821	49,821

(In thousands of dollars)

	Budget	House	Senate	Recommendation
142 SMALL BUSINESS INNOVATIVE RESEARCH.....	---	---	2,000	1,600
143 TECHNICAL INFORMATION SERVICES.....	735	4,735	19,735	20,835
144 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT.....	60,590	60,590	60,590	60,590
145 STRATEGIC TECHNICAL SUPPORT.....	3,633	3,633	3,633	3,633
146 RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT.....	70,942	70,942	70,942	70,942
148 RDT&E SHIP AND AIRCRAFT SUPPORT.....	193,353	193,353	183,353	193,353
149 TEST AND EVALUATION SUPPORT.....	380,733	380,733	380,733	370,733
150 OPERATIONAL TEST AND EVALUATION CAPABILITY.....	12,010	12,010	12,010	12,010
151 NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT.....	2,703	2,703	2,703	2,703
152 SEW SURVEILLANCE/RECONNAISSANCE SUPPORT.....	20,921	20,921	20,921	20,921
153 MARINE CORPS PROGRAM WIDE SUPPORT.....	19,004	20,004	19,004	19,804
154 TACTICAL CRYPTOLOGIC ACTIVITIES.....	2,464	2,464	2,464	2,464
155 SERVICE SUPPORT TO JFCOM, JNTC.....	4,197	4,197	4,197	4,197
<b>TOTAL, RDT&amp;E MANAGEMENT SUPPORT.....</b>	<b>982,509</b>	<b>997,209</b>	<b>998,509</b>	<b>1,004,609</b>
OPERATIONAL SYSTEMS DEVELOPMENT				
159 UNMANNED COMBAT AIR VEHICLE (UCAV) ADVANCED COMPONENT.	311,204	306,204	311,204	306,204
160 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT.....	74,939	76,139	69,439	69,699
161 SSBN SECURITY TECHNOLOGY PROGRAM.....	34,479	34,479	34,479	34,479
162 SUBMARINE ACOUSTIC WARFARE DEVELOPMENT.....	7,211	7,211	7,211	7,211
163 NAVY STRATEGIC COMMUNICATIONS.....	43,982	23,982	46,982	46,382
164 RAPID TECHNOLOGY TRANSITION (RTT).....	39,125	39,125	39,125	39,125
165 F/A-18 SQUADRONS.....	127,733	127,733	122,333	121,613
166 E-2 SQUADRONS.....	63,058	63,058	63,058	63,058
167 FLEET TELECOMMUNICATIONS (TACTICAL).....	37,431	37,431	37,431	37,031
168 TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)..	13,238	14,038	17,338	17,158
169 INTEGRATED SURVEILLANCE SYSTEM.....	24,835	26,835	24,835	26,435
170 AMPHIBIOUS TACTICAL SUPPORT UNITS.....	2,324	2,324	2,324	2,324
171 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT.....	49,293	52,293	39,293	41,693
172 CRYPTOLOGIC DIRECT SUPPORT.....	1,609	1,609	1,609	1,609
173 ELECTRONIC WARFARE (EW) READINESS SUPPORT.....	37,524	37,524	37,524	37,524

(In thousands of dollars)

	Budget	House	Senate	Recommendation
174 HARM IMPROVEMENT.....	30,045	30,045	30,045	30,045
175 TACTICAL DATA LINKS.....	25,003	25,003	15,003	15,003
176 SURFACE ASW COMBAT SYSTEM INTEGRATION.....	41,803	41,803	41,803	41,803
177 MK-48 ADCAP.....	28,438	38,438	28,438	34,438
178 AVIATION IMPROVEMENTS.....	135,840	127,349	134,149	135,189
179 NAVY SCIENCE ASSISTANCE PROGRAM.....	3,716	3,716	3,716	3,716
180 OPERATIONAL NUCLEAR POWER SYSTEMS.....	72,031	72,031	72,031	72,031
181 MARINE CORPS COMMUNICATIONS SYSTEMS.....	287,348	291,848	277,348	280,748
182 MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS....	120,379	124,179	106,479	109,319
183 MARINE CORPS COMBAT SERVICES SUPPORT.....	17,057	17,057	21,457	20,577
184 USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)....	30,167	29,900	30,167	29,900
185 TACTICAL AIM MISSILES.....	2,298	2,298	2,298	2,298
186 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).....	3,604	3,604	3,604	3,604
187 JOINT HIGH SPEED VESSEL (JHSV).....	8,431	8,431	8,431	8,431
192 SATELLITE COMMUNICATIONS (SPACE).....	474,009	474,009	474,009	474,009
193 CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES.....	45,513	45,513	45,513	45,513
194 INFORMATION SYSTEMS SECURITY PROGRAM.....	24,226	24,226	29,226	29,226
195 JOINT COMMAND AND CONTROL PROGRAM (JC2).....	2,453	2,453	---	---
196 JOINT COMMAND AND CONTROL PROGRAM (JC2).....	4,139	4,139	---	---
197 COBRA JUDY.....	62,061	62,061	62,061	62,061
198 NAVY METEOROLOGICAL AND OCEAN SENSORS-SPACE (METOC)...	28,094	29,094	28,094	28,894
199 JOINT MILITARY INTELLIGENCE PROGRAMS.....	4,600	7,000	4,600	6,520
200 TACTICAL UNMANNED AERIAL VEHICLES.....	8,971	8,971	8,871	8,871
202 AIRBORNE RECONNAISSANCE SYSTEMS.....	46,208	52,458	50,558	55,558
203 MANNED RECONNAISSANCE SYSTEMS.....	22,599	19,899	22,599	19,899
204 DISTRIBUTED COMMON GROUND SYSTEMS.....	18,079	12,379	18,079	12,379
205 RQ-4 UAV.....	465,839	380,839	465,839	440,839
206 MQ-8 UAV.....	25,639	25,639	25,639	25,639
207 RQ-11 UAV.....	553	553	553	553

(In thousands of dollars)

	Budget	House	Senate	Recommendation
208 RQ-7 UAV.....	986	986	986	986
209 SMALL (LEVEL 0) TACTICAL UAS (STUASLO).....	18,763	18,763	18,763	18,763
210 SMALL (LEVEL 0) TACTICAL UAS (STUASLO).....	23,594	23,594	23,594	23,594
212 EP-3E REPLACEMENT (EPX).....	11,976	11,976	11,976	11,976
213 MODELING AND SIMULATION SUPPORT.....	8,028	8,028	8,028	8,028
214 DEPOT MAINTENANCE (NON-IF).....	14,675	14,675	14,675	14,675
215 AVIONICS COMPONENT IMPROVEMENT PROGRAM.....	2,725	3,725	2,725	3,525
216 INDUSTRIAL PREPAREDNESS.....	56,691	69,191	66,941	75,191
MARITIME TECHNOLOGY (MARITECH).....	---	1,000	4,000	4,100
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	3,044,566	2,966,858	3,016,483	3,009,446
999 CLASSIFIED PROGRAMS.....	1,258,018	1,353,118	1,142,318	1,258,018
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.....	19,270,932	20,197,300	19,148,509	20,003,463

10/23  
 2013  
 BUDGET

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

R-1		Budget Request	House	Senate	Recommendation
1	<b>UNIVERSITY RESEARCH INITIATIVES</b>	<b>99,472</b>	<b>103,472</b>	<b>102,472</b>	<b>102,672</b>
	Center for Assured Critical Application and Infrastructure Security		1,500		1,200
	Ship Model Testing		2,500		2,000
	Molecular Electronics for Flash Memory Production (transferred to RDT&E, Army line number 3)			3,000	
3	<b>DEFENSE RESEARCH SCIENCES</b>	<b>413,743</b>	<b>426,143</b>	<b>423,643</b>	<b>430,903</b>
	Characterization and Exploitation of Magnetic and Electric Fields in the Coastal Ocean Environment		2,500		2,000
	Energetics S&T Workforce Development		3,500		3,500
	Next Generation Manufacturing Processes and Systems		1,500		1,200
	ONAMI Nanoelectronics, Nanometrology and Nanobiotechnology Initiative		2,500	4,800	3,840
	Shock and Vibration Modeling of Marine Composites		2,400		1,920
	Waves, Wind and Scavengers: Next Generation			2,000	2,000
	Renewable Energy Systems for Naval Applications			2,000	1,600
	Texas Microfactory			1,100	1,100
	Human Neural Cell-Based Biosensor				
4	<b>POWER PROJECTION APPLIED RESEARCH</b>	<b>59,787</b>	<b>68,787</b>	<b>72,287</b>	<b>77,547</b>
	Aging Military Aircraft Fleet Support		2,000		1,600
	Electronic Motion Actuation Systems		1,000		800
	Multifunctional Materials, Devices, and Applications		2,000		1,600
	Strike Weapon Propulsion		4,000		3,200
	Advanced Helicopter Landing Aid			800	800
	Combustion Light Gas Gun Projectile			5,000	4,000
	Enhanced EO/IR Sensors			3,000	2,400
	Naval Advanced Electric Launcher System			2,000	2,000
	Millimeter Wave Imaging			1,700	1,360
5	<b>FORCE PROTECTION APPLIED RESEARCH</b>	<b>91,400</b>	<b>124,900</b>	<b>135,900</b>	<b>146,700</b>
	Advanced Battery System for Military Avionics Power Systems		2,000		1,600
	Advanced Energetics Initiative		4,000		4,000
	Advanced Simulation Tools for Composite Aircraft Structures		2,000		1,600
	Energetic Nano-Materials Agent Defeat Initiative		2,000		1,600
	Center for Autonomous Solar Power - Supercapacitors for Integrated Power Storage		5,000	2,500	4,000
	Advanced Composite Manufacturing for Composite High- Speed Boat Design		2,000		1,600
	Non Traditional Ballistic Fiber and Fabric Weaving Application for Force Protection		2,500		2,000
	Integration of Electro-Kinetic Weapons into Next Generation Navy Ships		5,000	4,000	4,000
	Lithium Ion Storage Advancement for Aircraft Applications		2,500		2,000
	Multi-Mission Unmanned Surface Vessel		2,500		2,000
	Program Increase - Hybrid Power Systems		4,000		2,000
	Alternative Energy Research			25,000	18,500
	Carbon Composite Thin Films for Power Generation and Energy Storage			2,000	1,600
	Magnetic Refrigeration Technology for Naval Applications			5,000	4,000

R-1	Budget Request	House	Senate	Recommendation
Fuel Efficient, High Specific Power Free Piston Engine for USSVs			2,000	1,600
Harbor Shield - Homeland Defense Port Security Initiative			2,000	1,600
Proton Exchange Membrane Fuel Cell for Underwater Vehicles			2,000	1,600
<b>6 MARINE CORPS LANDING FORCE TECHNOLOGY</b>	<b>39,308</b>	<b>39,308</b>	<b>46,808</b>	<b>45,808</b>
Warfighter Rapid Awareness Processing Technologies			5,000	4,500
High Power Ultra Lightweight Zinc-Air Battery			2,500	2,000
<b>MATERIALS, ELECTRONICS AND COMPUTER TECHNOLOGY</b>				
<b>7 TECHNOLOGY</b>	<b>0</b>	<b>3,500</b>	<b>0</b>	<b>2,800</b>
Infrared Materials Laboratory		3,500		2,800
<b>8 COMMON PICTURE APPLIED RESEARCH</b>	<b>83,163</b>	<b>85,963</b>	<b>89,663</b>	<b>90,903</b>
Cognitive Radio Institute		1,000		800
Sensor Integration Framework		1,800		1,440
Intelligent Decision Exploration			4,500	3,900
Head Attitude Tracking System			2,000	1,600
<b>9 WARFIGHTER SUSTAINMENT APPLIED RESEARCH</b>	<b>104,169</b>	<b>104,169</b>	<b>122,569</b>	<b>119,289</b>
Composite Materials Enhancements through Polymer Science R&D			5,900	5,120
Productization of Anti-fouling and Fouling Release Coating Systems			3,500	2,800
Nanotechnology for Anti-Reverse Engineering			3,000	2,400
Biosensors for Defense Applications			1,000	800
Managing and Extending DoD Asset Lifecycles			2,000	1,600
Advanced Composite Maritime Manufacturing			2,000	1,600
Assistive Technologies for Injured Service Members			1,000	800
<b>10 RF SYSTEMS APPLIED RESEARCH</b>	<b>64,816</b>	<b>68,316</b>	<b>66,816</b>	<b>69,616</b>
Gallium Nitride (GaN) Power Technology		2,000		1,600
Silicon Carbide Wafer Production - Process Development for Low Defect Power Electronics		1,500		1,200
National Initiatives for Applications of Multifunctional Materials			2,000	2,000
<b>OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH</b>				
<b>11 RESEARCH</b>	<b>48,750</b>	<b>53,750</b>	<b>51,750</b>	<b>53,950</b>
Autonomous Marine Sensors and Networks for Rapid Littoral Assessment		3,000		2,400
Underwater Imaging and Communications Using Lasers		2,000	2,000	2,000
Unmanned Undersea Vehicle Submerged Long Range Positioning			1,000	800
<b>13 UNDERSEA WARFARE APPLIED RESEARCH</b>	<b>55,694</b>	<b>60,194</b>	<b>63,194</b>	<b>65,294</b>
Autonomous UUV Delivery and Communication System Integration		4,500		3,600
Advanced High Energy Density Surveillance Power Module			4,000	3,200
Galfenol Energy Harvesting			3,500	2,800
<b>MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH</b>				
<b>14 RESEARCH</b>	<b>40,880</b>	<b>40,880</b>	<b>44,380</b>	<b>44,080</b>
Electromagnetic Signatures Assessment System Using Multiple Autonomous Undersea Vehicles, Phase III			2,000	2,000
Virtual Onboard Analyst for Multi-Sensor Mine Detection			1,500	1,200

R-1	Budget Request	House	Senate	Recommendation
<b>15 POWER PROJECTION ADVANCED TECHNOLOGY</b>	<b>107,969</b>	<b>125,869</b>	<b>106,869</b>	<b>116,689</b>
AARGM Counter Air Defense Future Capabilities		2,500		2,000
Countermine LIDAR UAV-Based Systems		2,000	1,400	1,600
Flow Path Analysis Tool		2,000		1,600
Moving Target Indicator Scout Radar		1,000		800
Quiet Drive Advanced Rotary Actuator		2,000		1,600
Smart Instrument Development for the Magdalena Ridge Observatory		2,000	5,000	4,000
Tactical High Speed Anti-Radiation Missile Propulsion Demonstration		1,900		1,520
X-49A Envelope Expansion Modifications		4,500		3,600
Reduction to growth			-10,000	-10,000
Detection, Tracking, and Identification for ISRTE of Mobile and Asymmetric Targets			2,500	2,000
<b>16 FORCE PROTECTION ADVANCED TECHNOLOGY</b>	<b>66,035</b>	<b>91,935</b>	<b>75,235</b>	<b>93,355</b>
Accelerating Fuel Cells Manufacturability		2,000		1,600
Advanced Logistics Fuel Reformer for Fuel Cells (Phase II)		3,000		2,400
Agile Port and High Speed Ship Technology		2,000		1,600
HBCU Applied Research Incubator		1,000		800
High Power Density Motor Drive		3,600		2,880
High Temperature Radar Dome Materials		2,000		1,600
High Temperature Superconductor Trap Field Magnet Motor		1,000		800
Multi-Element Structured Filter Arrays for Naval Platforms		4,300		3,440
NAVAIR Project for Land/Sea-Based Air Systems Maintenance and Air Worthiness		2,000	2,000	2,000
Pure Hydrogen Supply from Logistic Fuels		3,000		2,400
Wide Area Sensor Force Protection Targeting		2,000		1,600
Single Generator Operations Lithium Ion Battery			5,000	4,000
Captive Air Amphibious Transporter			2,200	2,200
<b>17 COMMON PICTURE ADVANCED TECHNOLOGY</b>	<b>108,394</b>	<b>49,284</b>	<b>110,394</b>	<b>109,994</b>
High Integrity Global Positioning System		-59,110		
4-D Data Fusion Visualization			2,000	1,600
<b>WARFIGHTER SUSTAINMENT ADVANCED TECHNOLOGY</b>	<b>86,239</b>	<b>95,039</b>	<b>86,239</b>	<b>93,279</b>
Intelligent Retrieval of Imagery		2,500		2,000
Marine Corps Cultural and Language Training Platform		800		640
Nanofluidic Lubricants for Increased Fuel Efficiency in Heavy Duty Vehicles		1,500		1,200
Environmentally Sealed, Ruggedized Avionics Displays		4,000		3,200
<b>ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY</b>	<b>65,827</b>	<b>65,827</b>	<b>76,327</b>	<b>75,827</b>
Reduction to new starts			-7,000	-7,000
Pacific Airborne Surveillance and Testing			17,500	17,000
<b>MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)</b>	<b>107,363</b>	<b>114,863</b>	<b>115,363</b>	<b>121,063</b>
California Central Coast Partnership Research		3,500		2,800
Enhanced Small Arms Protective Insert		2,000		1,600
Near Infrared Optical Augmentation System		2,000		1,600
Ground Warfare Acoustical Combat Systems of Netted Sensors			5,000	5,000
Marine Air-Ground Task Force Situational Awareness			3,000	2,700

R-1		Budget Request	House	Senate	Recommendation
	<b>JOINT NON-LETHAL WEAPONS TECHNOLOGY</b>				
21	<b>DEVELOPMENT</b>	10,998	11,998	10,998	11,798
	Dynamic Eye-Safe Imaging Laser		1,000		800
	<b>WARFIGHTER PROTECTION ADVANCED</b>				
22	<b>TECHNOLOGY</b>	18,609	52,609	20,609	52,109
	Navy Special Warfare Performance and Injury Prevention Program for Special Boat Team 22		2,500	2,000	2,000
	C.W. Bill Young Bone Marrow Donor Recruitment and Research Program		31,500		31,500
23	<b>UNDERSEA WARFARE ADVANCED TECHNOLOGY</b>	68,037	76,037	68,037	74,037
	Underwater Explosives and Warhead Research		3,000		3,000
	Program Increase - ASW Research		5,000		3,000
	<b>MINE AND EXPEDITIONARY WARFARE ADVANCED</b>				
25	<b>TECHNOLOGY</b>	28,782	30,782	28,782	30,382
	Joint Explosive Ordnance Disposal Diver Situational Awareness System		2,000		1,600
26	<b>AIR/OCEAN TACTICAL APPLICATIONS</b>	116,082	117,982	117,482	119,002
	Non-Gasoline Burning Outboard Engine		1,900		1,520
	Semi-Submersible UUV for Sensor Enhancements			1,400	1,400
27	<b>AVIATION SURVIVABILITY</b>	6,505	19,505	18,005	27,405
	Common Safety System Controller		3,000		2,400
	Improved Capabilities for Irregular Warfare Platforms		4,000		4,000
	Lighter-than-Air Stratospheric Unmanned Aerial Vehicle for Persistent Communications Relay and Surveillance		3,000		2,400
	Military Upset Recovery Training		1,000		800
	Modular Advanced Vision System		2,000		1,600
	Integrated Manifold and Tube Ceramic Oxygen Generator			6,000	4,800
	Conformal Ceramics for Enhanced Aviation Armor Systems			2,500	2,500
	Unmanned Vehicle Sensor Optimization Technologies Program			3,000	2,400
28	<b>DEPLOYABLE JOINT COMMAND AND CONTROL</b>	6,032	9,832	6,032	9,072
	Deployable Command and Control Vehicle		3,800		3,040
29	<b>ASW SYSTEMS DEVELOPMENT</b>	16,585	26,455	19,585	25,680
	Air Readiness/Effectiveness Measurement Program		2,000		1,600
	Marine Mammal Awareness, Alert and Response Systems		3,000		2,400
	Marine Mammal Detection System		2,000	2,000	2,000
	Marine Species Mitigation		2,870		2,295
	Sonobuoy Wave-Energy Module			1,000	800
30	<b>TACTICAL AIRBORNE RECONNAISSANCE</b>	7,713	10,213	7,713	9,713
	Precision Engagement Technologies for Unmanned Systems		2,500		2,000
31	<b>ADVANCED COMBAT SYSTEMS TECHNOLOGY</b>	1,677	4,177	1,677	3,677
	Maintenance Free Operating Period		2,500		2,000

R-1		Budget Request	House	Senate	Recommendation
	<b>SURFACE AND SHALLOW WATER MINE</b>				
32	<b>COUNTERMEASURES</b>	<b>76,739</b>	<b>86,739</b>	<b>84,739</b>	<b>92,739</b>
	Persistent Autonomous Maritime Surveillance		5,000		5,000
	Program Increase - Minehunting Sonar		5,000		3,000
	RMS transfer from Other Procurement ,Navy line number 29			8,000	8,000
33	<b>SURFACE SHIP TORPEDO DEFENSE</b>	<b>57,538</b>	<b>70,038</b>	<b>57,538</b>	<b>67,538</b>
	AN/SLQ-25D Integration		8,000		6,400
	Continuous Active Sonar for Torpedo DCL Systems		4,500		3,600
34	<b>CARRIER SYSTEMS DEVELOPMENT</b>	<b>173,594</b>	<b>173,594</b>	<b>176,794</b>	<b>176,554</b>
	Composite Mast for CVNs			3,200	2,960
35	<b>SHIPBOARD SYSTEM COMPONENT DEVELOPMENT</b>	<b>1,691</b>	<b>13,791</b>	<b>21,491</b>	<b>30,351</b>
	Advanced Fuel Filtration System		1,500		1,200
	High-Shock 100 Amp Current Limiting Circuit Breaker		600		600
	Integrated Condition Assessment and Reliability Engineering		1,000		800
	Integrated Power System Power Dense Harmonic Filter Design		2,000		1,600
	IP over Power Line Carrier Network Integration with ICAS		2,000		1,600
	Landing Craft Composite Lift Fan		1,500		1,200
	Shipboard Wireless Maintenance Assistant		1,500		1,200
	Integrated Power System Converter		2,000		1,600
	DDG-51 Hybrid Drive System			8,100	8,100
	Advanced Steam Turbine			4,000	4,000
	Propulsion Manufacturing Technology Development			4,700	3,760
	Advanced Fluid Controls for Shipboard Application			3,000	3,000
37	<b>RETRACT LARCH</b>	<b>99,757</b>	<b>99,757</b>	<b>99,757</b>	<b>109,757</b>
	Transfer from RDT&E, Defense-Wide line number 70				10,000
38	<b>RETRACT JUNIPER</b>	<b>120,752</b>	<b>120,752</b>	<b>114,752</b>	<b>114,752</b>
	Program adjustment			-6,000	-6,000
40	<b>SURFACE ASW</b>	<b>21,995</b>	<b>23,995</b>	<b>21,995</b>	<b>23,595</b>
	Low Frequency Active Towed Sonar System Organic ASW Capability		2,000		1,600
41	<b>ADVANCED SUBMARINE SYSTEM DEVELOPMENT</b>	<b>551,836</b>	<b>554,836</b>	<b>550,836</b>	<b>551,836</b>
	Program delay		-4,000		-4,000
	SSBN(X) Systems Development		2,500		2,000
	Submarine Fatline Vector Sensor Towed Array		2,000		1,600
	Underwater Explosion Modeling and Simulation for Ohio Class Replacement Composite Non-Pressure Hull Fairing		2,500		2,000
	Organic Submarine ISRT Demonstration (IRST OSAID)			3,000	2,400
	Undersea Superiority program support			-4,000	-4,000
42	<b>SUBMARINE TACTICAL WARFARE SYSTEMS</b>	<b>10,172</b>	<b>11,172</b>	<b>12,172</b>	<b>12,572</b>
	Submarine Panoramic Awareness System		1,000		800
	High Torque, Low Speed, Direct Drive Electric Motor Technology			2,000	1,600
44	<b>SHIP PRELIMINARY DESIGN &amp; FEASIBILITY STUDIES</b>	<b>28,135</b>	<b>40,935</b>	<b>28,135</b>	<b>38,375</b>
	Bow Lifting Body Project		4,000		3,200
	Low Signature Defensive Weapon System for Surface Combatant Craft		4,800		3,840
	Naval Ship Hydrodynamic Test Facilities		4,000		3,200

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R-1		Budget Request	House	Senate	Recommendation
46	<b>ADVANCED SURFACE MACHINERY SYSTEMS</b>	5,599	13,199	19,399	20,639
	High Density Power Conversion and Distribution Equipment		1,500		1,200
	Hybrid Propulsion/Power Generation for Increased Fuel Efficiency for Surface Combatants		2,000	8,000	6,400
	Integrated Advanced Ship Control		1,500		1,200
	Micro-Drive for Future HVAC Systems		600	2,400	1,920
	Next Generation Shipboard Integrated Power-Fuel Efficiency and Advanced Capability Enhancer		2,000		1,600
	Fan Coil Assembly of the Future			3,400	2,720
48	<b>LITTORAL COMBAT SHIP (LCS)</b>	360,518	366,918	360,518	424,518
	Program Increase - Mine Warfare Modules		6,400		4,000
	Revised acquisition strategy				60,000
50	<b>CONVENTIONAL MUNITIONS</b>	3,458	4,458	3,458	4,258
	Improved Kinetic Energy Cargo Round		1,000		800
51	<b>MARINE CORPS ASSAULT VEHICLES</b>	293,466	243,466	293,466	293,466
	Program delay		-50,000		
	<b>MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM</b>	73,798	73,798	59,798	78,598
	Expeditionary Capabilities Laboratory			3,000	2,400
	Marine Expeditionary Rifle Squad Reconfigurable Vehicle Simulator			3,000	2,400
	JLTV program delay			-20,000	
55	<b>COOPERATIVE ENGAGEMENT</b>	56,586	61,586	56,586	60,586
	Cooperative Engagement Capability		5,000		4,000
57	<b>ENVIRONMENTAL PROTECTION</b>	20,661	20,661	21,661	21,461
	Compliance Tools Development for Metals in Antifouling Paints			1,000	800
58	<b>NAVY ENERGY PROGRAM</b>	8,476	13,476	17,876	18,996
	Program Increase - Alternative and Renewable Energy Sources		5,000		3,000
	Solar Heat Reflective Film for Energy and Fuel Efficiency in Buildings and Vehicles			4,900	3,920
	Molten Carbonate Fuel Cell Demonstrator			4,500	3,600
59	<b>FACILITIES IMPROVEMENT</b>	4,002	9,202	7,402	10,082
	Kinetic Hydropower System Turbine		2,000		1,600
	Photovoltaic Rooftop Systems for Military Housing		1,500		1,200
	Regenerative Fuel Cell Back-up Power		1,700	1,000	1,360
	Permanent Magnet Generator - Wave Energy Buoy			2,400	1,920

R-1	Budget Request	House	Senate	Recommendation
<b>61 NAVY LOGISTIC PRODUCTIVITY</b>	<b>4,301</b>	<b>7,101</b>	<b>16,001</b>	<b>15,101</b>
Highly Integrated Siloxane Optical Interconnect for Military Avionics		1,000		800
NSWC Corona Item Unique Identification Center		1,800		1,440
Advanced Naval Logistics			3,000	2,400
Hawaii National Guard Integrated Information Command System			1,600	1,280
Photonic Integration Foundry			3,000	2,400
Thin Film Materials for Advanced Applications, Advanced IED and Anti-Personnel Sensors			1,600	1,280
Radio Frequency Identification (RFID) Technologies (transferred to RDT&E, Defense-Wide line number 41)			1,000	
Real-time Tactical Intelligence Collection System			1,500	1,200
<b>63 LINK PLUMERIA</b>	<b>69,313</b>	<b>69,313</b>	<b>63,313</b>	<b>63,313</b>
Program adjustment			-6,000	-6,000
<b>69 LAND ATTACK TECHNOLOGY</b>	<b>1,238</b>	<b>8,238</b>	<b>1,238</b>	<b>6,838</b>
76mm Swarmbuster Capability		2,000		1,600
Hybrid Propellant for Medium and Large Caliber Ammunition		5,000		4,000
<b>70 NONLETHAL WEAPONS</b>	<b>46,971</b>	<b>49,871</b>	<b>46,971</b>	<b>49,291</b>
Non-Lethal Defense Technologies		2,900		2,320
<b>DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS</b>	<b>5,003</b>	<b>22,003</b>	<b>8,003</b>	<b>19,303</b>
Joint Technology Insertion and Accelerated System Integration Capability for Electronic Warfare		2,000		1,600
Program Increase - Directed Energy Weapons		15,000		10,000
Global Law Enforcement Support for Counter-Narcotics			1,500	1,500
Maritime Directed Energy Test and Evaluation Center			1,500	1,200
<b>TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES</b>	<b>63,702</b>	<b>63,702</b>	<b>50,702</b>	<b>50,702</b>
TADIRCM program delay			-13,000	-13,000
<b>JOINT COUNTER RADIO CONTROLLED IED ELECTRONIC WARFARE</b>	<b>67,843</b>	<b>67,843</b>	<b>32,843</b>	<b>55,843</b>
JCREW 3.3 contract delay			-35,000	-12,000
<b>SPACE &amp; ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE</b>	<b>42,533</b>	<b>42,533</b>	<b>40,533</b>	<b>40,533</b>
Funding carryover due to fleet schedules			-2,000	-2,000
<b>82 STANDARDS DEVELOPMENT</b>	<b>53,540</b>	<b>59,340</b>	<b>53,540</b>	<b>59,340</b>
Measurement Standards Research and Development		5,800		5,800
<b>MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT</b>	<b>81,953</b>	<b>81,953</b>	<b>76,553</b>	<b>75,613</b>
M230 30mm Chain Gun Automatic Cannon			4,700	3,760
Defer IFF Mode 5			-10,100	-10,100
<b>87 TACTICAL COMMAND SYSTEM</b>	<b>86,462</b>	<b>95,462</b>	<b>86,462</b>	<b>92,862</b>
Shipboard Wireless Network		3,000		2,400
Program Increase - ISR Enhancements		6,000		4,000
<b>88 ADVANCED HAWKEYE</b>	<b>364,557</b>	<b>362,557</b>	<b>364,557</b>	<b>362,557</b>
Engineering support growth		-2,000		-2,000

SCAN  
FOOTPRINT

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R-1	Budget Request	House	Senate	Recommendation
89 H-1 UPGRADES Excessive program growth	32,830	25,830 -7,000	32,830	32,830
91 V-22A Reduction to growth	89,512	89,512	64,512 -25,000	77,012 -12,500
92 AIR CREW SYSTEMS DEVELOPMENT Common Mobile Aircrew Restraint System contract delay	14,265	12,565 -1,700	14,265	12,565 -1,700
93 EA-18 Next Generation Electronic Warfare Simulator	55,446	57,446 2,000	55,446	57,046 1,600
94 ELECTRONIC WARFARE DEVELOPMENT NAWCWD Point Mugu Electronic Warfare Laboratory Upgrade Small Survivable Jammer F/A-18 Countermeasures Improvement	97,635	101,635 4,000	102,635 1,000 4,000	105,635 3,200 800 4,000
95 VHXX EXECUTIVE HELO DEVELOPMENT Continue Increment One Development Termination costs funded ahead of estimate Technology capture	85,240	485,240 400,000	30,000 -55,240	130,000 -55,240 100,000
96 NEXT GENERATION JAMMER (NGJ) Program growth	127,970	117,970 -10,000	127,970	117,970 -10,000
97 JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY) Joint Tactical Radio System Handheld Manpack Small Form Factor Radio System	876,374	880,874 4,500	876,374	879,974 3,600
98 SC-21 TOTAL SHIP SYSTEM ENGINEERING Floating Area Network Littoral Sensor Grid Guidance, Navigation, Control, and Targeting	0	5,000 5,000	5,000 5,000	8,000 4,000 4,000
SURFACE COMBATANT COMBAT SYSTEM				
99 ENGINEERING Advanced Capability Build 12 and 14 Aegis Research and Development	178,459	185,459 2,000 5,000	178,459	184,059 1,600 4,000
102 STANDARD MISSILE IMPROVEMENTS SM-6 program execution Automated Missile Tracking	182,197	168,197 -15,000 1,000	182,197	167,997 -15,000 800
103 AIRBORNE MCM Common Air Mine Countermeasures Tow Cable	48,712	51,712 3,000	48,712	51,112 2,400
105 ADVANCED ABOVE WATER SENSORS Common Digital Sensor Architecture Submarine Navigation Decision Aids Program Increase - Advanced Sensor Development	236,078	259,078 3,000 5,000 15,000	236,078	252,478 2,400 4,000 10,000
106 SSN-688 AND TRIDENT MODERNIZATION Improved Submarine Towed Array Systems OE-538/OE-592 funding carryover	122,733	122,733	121,733 2,000 -3,000	121,333 1,600 -3,000
108 SHIPBOARD AVIATION SYSTEMS Voyage Repair Team Tool Management ADMACS Block 3 program delay	80,623	82,123 1,500	77,623 -3,000	78,823 1,200 -3,000

R-1		Budget Request	House	Senate	Recommendation
110	<b>NEW DESIGN SSN</b>	154,756	195,256	162,756	185,156
	Advanced Manufacturing for Submarine Bow Domes and Rubber Boots		2,000		1,600
	Common Command and Control System Module		4,000	6,000	4,800
	Mold-in-Place Coating Development for the US Submarine Fleet		2,000	2,000	2,000
	Submarine Automated Test and Re-Test		2,500		2,000
	Small Business Technology Insertion		30,000		20,000
112	<b>SUBMARINE TACTICAL WARFARE SYSTEM</b>	59,703	62,203	66,703	67,303
	Submarine System Biometrics Access Control		2,500		2,000
	Artificial Intelligence-Based Combat System Kernel			4,000	3,200
	Submarine Environment for Evaluation and Development			3,000	2,400
113	<b>SHIP CONTRACT DESIGN/ LIVE FIRE T&amp;E</b>	89,988	92,488	91,988	91,988
	Automated Fiber Optic Manufacturing Initiative for Navy Ships		2,500	2,000	2,000
116	<b>LIGHTWEIGHT TORPEDO DEVELOPMENT</b>	21,105	21,105	24,105	23,505
	Weapon Acquisition and Firing System			3,000	2,400
	<b>PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS</b>				
118	<b>FACTORS</b>	5,898	6,898	5,898	6,698
	Workforce Requirements Planning - Team Enhancement		1,000		800
120	<b>SHIP SELF DEFENSE (DETECT &amp; CONTROL)</b>	35,459	37,459	46,459	44,559
	Persistent Surveillance Wave Powerbuoy System		2,000	4,000	3,200
	Autonomous Unmanned Surface Vehicle			3,000	2,700
	Expeditionary Swimmer Defense System			4,000	3,200
121	<b>SHIP SELF DEFENSE (ENGAGE: HARD KILL)</b>	34,236	35,736	46,236	46,236
	Laser Phalanx		1,500	12,000	12,000
124	<b>MEDICAL DEVELOPMENT</b>	9,888	33,788	22,288	56,928
	Advanced Molecular Medicine Initiative		1,000		800
	Hampton University Proton Cancer Treatment Initiative		5,000		4,000
	Deployment Health and Chronic Disease Surveillance		1,000		800
	Integrated Psycho-Social Health Care Demonstration Program		1,000		1,000
	Management of Lung Injury by Micronutrients		1,500		1,200
	Mobile Oxygen, Ventilation, and External Suction (MOVES) System		3,400	2,000	2,720
	National Functional Genomics Center Collaborating Site		4,000		3,200
	On-Demand Custom Body Implants/Prosthesis for Injured Personnel		2,000		1,600
	U.S. Navy Pandemic Influenza Vaccine Program		2,000		1,600
	U.S. Navy Cancer Vaccine Program		3,000		2,400
	Biocidal Wound Dressings			1,500	1,200
	Simplified Orthopedic Surgery			5,300	4,240
	Composite Tissue Transplantation for Combat Wounded Repair			2,000	2,000
	Multivalent Dengue Vaccine Program			1,600	1,280
	Military Dental Research (transferred from Defense Health Program)				6,000
	Wound Care Research (transferred from Defense Health Program)				13,000
127	<b>JOINT STRIKE FIGHTER (JSF)</b>	1,741,296	1,956,296	1,663,296	1,956,296
	Alternate Engine Development		215,000		215,000
	Excess to need			-78,000	

R-1	Budget Request	House	Senate	Recommendation
<b>129 INFORMATION TECHNOLOGY DEVELOPMENT</b>	<b>69,026</b>	<b>75,826</b>	<b>90,126</b>	<b>91,866</b>
Instrumented Underwater Training Systems		2,800		2,240
Integrated Manufacturing Systems 3D Simulation and Modeling Project		2,500		2,000
Maintenance Planning and Assessment Technology Insertion		1,500		1,200
Condition-Based Maintenance Enabling Technologies Program			3,000	2,400
Digitization, Integration, and Analyst Access of Investigative Files, NCIS			1,500	1,200
Integration of Logistics Information of Knowledge Projection and Readiness Assessment Program			2,000	1,600
METOC Integrated Network-Centric Technology Systems			2,600	2,600
Supply Chain Logistics Capability at the ABL NIROP			8,000	6,400
SPAWAR Systems Center/ITC New Orleans			4,000	3,200
<b>130 CH-53K</b>	<b>554,827</b>	<b>524,443</b>	<b>554,827</b>	<b>524,443</b>
Program execution		-30,384		-30,384
<b>132 JOINT AIR-TO-GROUND MISSILE (JAGM)</b>	<b>81,434</b>	<b>77,734</b>	<b>81,434</b>	<b>77,734</b>
Program delay		-3,700		-3,700
<b>133 MULTI-MISSION MARITIME AIRCRAFT (MMA)</b>	<b>1,162,417</b>	<b>1,182,417</b>	<b>1,162,417</b>	<b>1,175,417</b>
Small Business Technology Insertion		20,000		13,000
<b>134 CG(X)</b>	<b>150,022</b>	<b>110,022</b>	<b>86,022</b>	<b>46,022</b>
Program delay		-40,000		-40,000
Propulsion development ahead of material solution decision			-24,000	-24,000
Unjustified request			-40,000	-40,000
<b>135 DDG-1000</b>	<b>539,053</b>	<b>539,053</b>	<b>526,453</b>	<b>526,453</b>
FSST alternative initiative			-12,600	-12,600
<b>136 TACTICAL CRYPTOLOGIC SYSTEMS</b>	<b>19,016</b>	<b>20,516</b>	<b>19,016</b>	<b>19,916</b>
Engineering support growth		-1,500		-1,500
Paragon (Frequency Extension)		3,000		2,400
<b>137 THREAT SIMULATOR DEVELOPMENT</b>	<b>25,534</b>	<b>27,534</b>	<b>25,534</b>	<b>27,134</b>
Navy Advanced Threat Simulator		2,000		1,600
<b>139 MAJOR T&amp;E INVESTMENT</b>	<b>44,844</b>	<b>51,544</b>	<b>49,844</b>	<b>51,844</b>
Joint Mission Battle-Space to Support Net-Ready Key Performance Parameters		2,000		2,000
National Aviation Enterprise Interoperability with Carrier Strike and Expeditionary Group Forces		4,700	5,000	5,000
<b>140 STUDIES AND ANALYSIS SUPPORT - NAVY</b>	<b>11,422</b>	<b>12,422</b>	<b>11,422</b>	<b>12,422</b>
Joint Heavy-Lift Rotocraft Research		1,000		1,000
<b>142 SMALL BUSINESS INNOVATIVE RESEARCH</b>	<b>0</b>	<b>0</b>	<b>2,000</b>	<b>1,600</b>
Wave Energy Harvesting for Buoy Applications			2,000	1,600
<b>143 TECHNICAL INFORMATION SERVICES</b>	<b>735</b>	<b>4,735</b>	<b>19,735</b>	<b>20,835</b>
Center for Commercialization of Advanced Technology		2,500		2,000
Technology Transfer Office		1,500	1,500	1,500
Hawaii Technology Development Venture			10,500	10,000
Integrated Manufacturing Enterprise			5,000	5,000
Virtual Business Accelerator for the Silicon Prairie			2,000	1,600

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R-1		Budget Request	House	Senate	Recommendation
148	RDT&E SHIP AND AIRCRAFT SUPPORT MRTFB additional aircraft support early to need (transferred to line number 149)	193,353	193,353	183,353	193,353
				-10,000	
149	TEST AND EVALUATION SUPPORT MRTFB additional aircraft support early to need (transferred from line number 148)	380,733	380,733	380,733	370,733
					-10,000
153	MARINE CORPS PROGRAM WIDE SUPPORT Global Supply Chain Management	19,004	20,004	19,004	19,804
			1,000		800
	UNMANNED COMBAT AIR VEHICLE (UCAV)				
159	ADVANCED COMPONENT Engineering support growth	311,204	306,204	311,204	306,204
			-5,000		-5,000
160	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT Advanced Linear Accelerator Facility Adelos Program: Nuclear Security Sensor System Joint Warhead Fuze Sustainment growth	74,939	76,139	69,439	69,699
			1,200		960
				3,500	2,800
				-9,000	-9,000
163	NAVY STRATEGIC COMMUNICATIONS Block 1A contract delay E-6B Strategic Communications Upgrade	43,982	23,982	46,982	46,382
			-20,000		
				3,000	2,400
165	F/A-18 SQUADRONS Fighter Jet Noise Reduction Under Carrier Deck Operational Environment IRST contract delay	127,733	127,733	122,333	121,613
				3,600	2,880
				-9,000	-9,000
167	FLEET TELECOMMUNICATIONS (TACTICAL) Shipboard Automated Radio Room System NC3-LTS late Milestone B	37,431	37,431	37,431	37,031
				2,000	1,600
				-2,000	-2,000
	TOMAHAWK AND TOMAHAWK MISSION PLANNING				
168	CENTER (TMPC) Image-Based Navigation and Precision Targeting Tomahawk Cost Reduction Initiative	13,238	14,038	17,338	17,158
			800		640
				4,100	3,280
169	INTEGRATED SURVEILLANCE SYSTEM Autonomous Anti-Submarine Warfare Vertical Beam Array Sonar	24,835	26,835	24,835	26,435
			2,000		1,600
171	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT NAVAIR High Fidelity Oceanographic Library Reduction to growth	49,293	52,293	39,293	41,693
			3,000		2,400
				-10,000	-10,000
175	TACTICAL DATA LINKS Increment 3 program uncertainty	25,003	25,003	15,003	15,003
				-10,000	-10,000
177	MK-48 ADCAP Small Business Technology Insertion	28,438	38,438	28,438	34,438
			10,000		6,000

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R-1	Budget Request	House	Senate	Recommendation
<b>178 AVIATION IMPROVEMENTS</b>	<b>135,840</b>	<b>127,349</b>	<b>134,149</b>	<b>135,189</b>
F-135 engine funding ahead of need		-12,491	-12,491	-12,491
Arc Fault Circuit Breaker with Arc Location		1,000		800
Lightweight Composite Structure Development for Aerospace Vehicles		3,000		2,400
Highly Conductive Lightweight Aircraft Sealant			1,200	960
Laser Peening for P-3 Life Extension			1,600	1,280
Vet-Biz Initiative for National Sustainment			5,000	4,000
Wireless Sensors for Navy Aircraft			3,000	2,400
<b>181 MARINE CORPS COMMUNICATIONS SYSTEMS</b>	<b>287,348</b>	<b>291,848</b>	<b>277,348</b>	<b>280,748</b>
Battlefield Sensor Netting		3,000		2,400
Media Exploitation Tool Integration with Intelligence C2 Systems		1,500		1,200
Mobile Modular Command Center (M2C2)			3,000	2,800
DCGS-MC tech development excessive growth			-5,000	-5,000
C2 Warfare Systems reduce growth			-8,000	-8,000
<b>MARINE CORPS GROUND COMBAT/SUPPORTING</b>				
<b>182 ARMS SYSTEMS</b>	<b>120,379</b>	<b>124,179</b>	<b>106,479</b>	<b>109,319</b>
Remote Aiming and Sighting Optical Retrofit		3,800		3,040
Expandable Rigid Wall Composite Shelter			1,000	800
LAV Indirect Fire Modernization			-12,200	-12,200
Battlefield Target Identification Device program uncertainty			-2,700	-2,700
<b>183 MARINE CORPS COMBAT SERVICES SUPPORT</b>	<b>17,057</b>	<b>17,057</b>	<b>21,457</b>	<b>20,577</b>
High Performance Capabilities for Military Vehicles Project			1,400	1,120
Marine Personnel Carrier Support System			3,000	2,400
<b>USMC INTELLIGENCE/ELECTRONIC WARFARE</b>				
<b>184 SYSTEMS (MIP)</b>	<b>30,167</b>	<b>29,900</b>	<b>30,167</b>	<b>29,900</b>
Angelfire program cancellation		-267		-267
<b>194 INFORMATION SYSTEMS SECURITY PROGRAM</b>	<b>24,226</b>	<b>24,226</b>	<b>29,226</b>	<b>29,226</b>
Trusted Discovery/Universal Description Discovery and Integration UDDI			5,000	5,000
<b>195 JOINT COMMAND AND CONTROL PROGRAM (JC2)</b>	<b>2,453</b>	<b>2,453</b>	<b>0</b>	<b>0</b>
Program delay			-2,453	-2,453
<b>196 JOINT COMMAND AND CONTROL PROGRAM (JC2)</b>	<b>4,139</b>	<b>4,139</b>	<b>0</b>	<b>0</b>
Program delay			-4,139	-4,139
<b>NAVY METEOROLOGICAL AND OCEAN SENSORS-</b>				
<b>198 SPACE (METOC)</b>	<b>28,094</b>	<b>29,094</b>	<b>28,094</b>	<b>28,894</b>
Integration of Advanced Wide Field of View Sensor with Reusable, Reconfigurable Payload Processing Testbed System		1,000		800
<b>199 JOINT MILITARY INTELLIGENCE PROGRAMS</b>	<b>4,600</b>	<b>7,000</b>	<b>4,600</b>	<b>6,520</b>
Open Source Naval and Missile Database Reporting System		2,400		1,920
<b>200 TACTICAL UNMANNED AERIAL VEHICLES</b>	<b>8,971</b>	<b>8,971</b>	<b>8,871</b>	<b>8,871</b>
New start UAS			-100	-100

R-1	Budget Request	House	Senate	Recommendation
<b>202 AIRBORNE RECONNAISSANCE SYSTEMS</b>	<b>46,208</b>	<b>52,458</b>	<b>50,558</b>	<b>55,558</b>
EP-3E Requirements Capability Migration Systems Integration Lab		6,250		5,000
FEATHAR -- Fusion, Exploitation, Algorithm, Targeting High-Altitude Reconnaissance			4,350	4,350
<b>203 MANNED RECONNAISSANCE SYSTEMS</b>	<b>22,599</b>	<b>19,899</b>	<b>22,599</b>	<b>19,899</b>
RF research growth		-2,700		-2,700
<b>204 DISTRIBUTED COMMON GROUND SYSTEMS</b>	<b>18,079</b>	<b>12,379</b>	<b>18,079</b>	<b>12,379</b>
Program delay		-5,700		-5,700
<b>205 RQ-4 UAV</b>	<b>465,839</b>	<b>380,839</b>	<b>465,839</b>	<b>440,839</b>
Program execution		-85,000		-25,000
<b>215 AVIONICS COMPONENT IMPROVEMENT PROGRAM</b>	<b>2,725</b>	<b>3,725</b>	<b>2,725</b>	<b>3,525</b>
Avionics Life Extension		1,000		800
<b>216 INDUSTRIAL PREPAREDNESS</b>	<b>56,691</b>	<b>69,191</b>	<b>66,941</b>	<b>75,191</b>
Laser Optimization Remote Lighting System		2,500		2,000
Manufacturing S&T for Next-Generation Energetics		5,000		5,000
Next Generation Scalable Lean Manufacturing Initiative - Phase Two		3,000		2,400
Out of Autoclave Composite Processing		2,000	2,000	2,000
Low Acoustic and Thermal Signature Battlefield Power Source			4,000	3,200
Life Extension of Weapon Systems Through Advanced Materials Processing			2,500	2,500
Flight/Hangar Deck Cleaner			1,750	1,400
<b>217 MARITIME TECHNOLOGY (MARITECH)</b>	<b>0</b>	<b>1,000</b>	<b>4,000</b>	<b>4,100</b>
Passive RFID Development		1,000		900
National Shipbuilding Research Program Advanced Shipbuilding Enterprise			4,000	3,200
<b>999 CLASSIFIED PROGRAMS</b>	<b>1,258,018</b>	<b>1,353,118</b>	<b>1,142,318</b>	<b>1,258,018</b>
Classified adjustment		95,100	-115,700	0

BUY DATE

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## PRESIDENTIAL HELICOPTER

The House report directed the Secretary of Defense to report on the use of certain funds for the VH-71 Presidential Helicopter. The Senate report contained no similar language. The recommendation does not retain the House language.

## BONE MARROW REGISTRY

The recommendation includes \$31,500,000 for the Department of the Navy, to be administered by the C.W. Bill Young Marrow Donor Recruitment and Research Program, also known as and referred to within the Naval Medical Research Center as the Bone Marrow Registry. Funds appropriated for the C.W. Bill Young Marrow Donor Recruitment and Research Program shall remain available only for the purposes for which they were appropriated, and may only be obligated for the C.W. Bill Young Marrow Program. This donor center has recruited more than 525,000 Department of Defense volunteers and provides more marrow donors per week than any other donor center in the nation. More than 3,360 servicemembers and other Department volunteers from this donor center have provided marrow to save the lives of patients. The success of this national and international life-saving program for military and civilian

patients, which now includes more than 7,500,000 potential volunteer donors, is admirable. Further, the agencies involved in contingency planning are encouraged to continue to include the C.W. Bill Young Marrow Donor Recruitment and Research Program in the development and testing of their contingency plans. The Department of Defense form (DD Form 1414) shall show this as a congressional interest item. The Department of Defense is further directed to release all the funds appropriated for this purpose to the C.W. Bill Young Marrow Donor Recruitment and Research Program within 60 days of the enactment of this Act.

# RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

For Research, Development, Test and Evaluation, Air Force, funds are  
to be available for fiscal year 2010, as follows:

(In thousands of dollars)

		Budget	House	Senate	Recommendation
RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE					
BASIC RESEARCH					
1	DEFENSE RESEARCH SCIENCES.....	321,028	323,528	331,028	329,828
2	UNIVERSITY RESEARCH INITIATIVES.....	132,249	140,449	136,949	142,109
3	HIGH ENERGY LASER RESEARCH INITIATIVES.....	12,834	12,834	12,834	12,834
	TOTAL, BASIC RESEARCH.....	466,111	476,811	480,811	484,771
APPLIED RESEARCH					
7	MATERIALS.....	127,957	155,707	168,957	179,157
8	AEROSPACE VEHICLE TECHNOLOGIES.....	127,129	129,129	138,529	139,149
9	HUMAN EFFECTIVENESS APPLIED RESEARCH.....	85,122	85,122	96,122	93,922
10	AEROSPACE PROPULSION.....	196,529	226,669	199,529	221,641
11	AEROSPACE SENSORS.....	121,768	129,768	135,668	136,588
12	SPACE TECHNOLOGY.....	104,148	116,248	110,148	119,628
13	CONVENTIONAL MUNITIONS.....	58,289	58,289	58,289	58,289
14	DIRECTED ENERGY TECHNOLOGY.....	105,677	106,677	99,927	106,477
15	COMMAND CONTROL AND COMMUNICATIONS.....	---	2,500	---	2,000
16	DOMINANT INFORMATION SCIENCES AND METHODS.....	115,278	115,278	115,278	115,278
17	HIGH ENERGY LASER RESEARCH.....	52,754	61,254	46,654	53,454
	TOTAL, APPLIED RESEARCH.....	1,094,651	1,186,641	1,169,101	1,225,583
ADVANCED TECHNOLOGY DEVELOPMENT					
18	ADVANCED MATERIALS FOR WEAPON SYSTEMS.....	37,901	56,301	64,501	71,901
19	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T).....	2,955	2,955	2,955	2,955
20	ADVANCED AEROSPACE SENSORS.....	51,482	53,482	51,482	53,082
21	AEROSPACE TECHNOLOGY DEV/DEMO.....	76,844	91,844	76,844	88,594
22	AEROSPACE PROPULSION AND POWER TECHNOLOGY.....	175,676	191,176	178,676	189,576
23	CREW SYSTEMS AND PERSONNEL PROTECTION TECHNOLOGY.....	---	---	3,000	2,940
24	ELECTRONIC COMBAT TECHNOLOGY.....	31,021	32,521	31,021	32,221
25	ADVANCED SPACECRAFT TECHNOLOGY.....	83,909	98,609	90,409	99,269
26	MAUI SPACE SURVEILLANCE SYSTEM (MSSS).....	5,813	5,813	37,813	36,813
27	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT.....	24,565	24,565	24,565	24,565

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
28 CONVENTIONAL WEAPONS TECHNOLOGY.....	14,356	16,556	14,356	16,116
29 ADVANCED WEAPONS TECHNOLOGY.....	30,056	30,056	44,556	44,996
30 MANUFACTURING TECHNOLOGY PROGRAM.....	39,913	41,913	44,913	45,513
31 BATTLESPACE KNOWLEDGE DEVELOPMENT & DEMONSTRATION.....	39,708	39,708	39,708	39,708
32 C3I ADVANCED DEVELOPMENT.....	---	4,000	2,900	6,900
33 HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM.....	3,831	3,831	3,831	3,831
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	618,030	693,330	711,530	758,980
DEMONSTRATION & VALIDATION				
34 INTELLIGENCE ADVANCED DEVELOPMENT.....	5,009	6,009	5,009	5,809
35 PHYSICAL SECURITY EQUIPMENT.....	3,623	3,623	3,623	3,623
38 ADVANCED EHF MILSATCOM (SPACE).....	464,335	464,335	464,335	464,335
39 POLAR MILSATCOM (SPACE).....	253,150	253,150	253,150	253,150
40 SPACE CONTROL TECHNOLOGY.....	97,701	97,701	102,701	101,701
41 COMBAT IDENTIFICATION TECHNOLOGY.....	27,252	27,252	29,252	28,852
42 NATO RESEARCH AND DEVELOPMENT.....	4,351	4,351	4,351	4,351
43 INTERNATIONAL SPACE COOPERATIVE R&D.....	632	632	632	632
45 INTEGRATED BROADCAST SERVICE.....	20,739	20,739	20,739	20,739
46 INTERCONTINENTAL BALLISTIC MISSILE.....	66,079	69,079	66,079	68,479
47 WIDEBAND GAPFILLER SYSTEM RDT&E (SPACE).....	70,956	70,956	70,956	70,956
48 POLLUTION PREVENTION (DEM/VAL).....	2,896	12,896	2,896	10,396
49 JOINT PRECISION APPROACH AND LANDING SYSTEMS.....	23,174	23,174	23,174	23,174
51 BATTLE MGMT COM & CTRL SENSOR DEVELOPMENT.....	22,612	---	72,612	22,612
52 HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM.....	20,891	20,891	20,891	20,891
53 JOINT DUAL ROLE AIR DOMINANCE MISSILE.....	6,882	6,882	6,882	6,882
54 REQUIREMENTS ANALYSIS AND MATURATION.....	35,533	35,533	35,533	35,533
55 GROUND ATTACK WEAPONS FUZE DEVELOPMENT.....	18,778	18,778	18,778	18,778
56 ALTERNATIVE FUELS.....	89,020	94,020	69,020	73,020
57 AUTOMATED AIR-TO-AIR REFUELING.....	43,158	43,158	43,158	43,158
59 OPERATIONALLY RESPONSIVE SPACE.....	112,861	114,361	125,861	125,211
60 TECH TRANSITION PROGRAM.....	9,611	9,611	9,611	9,611

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
61 NATIONAL POLAR-ORBITING OPERATIONAL ENVIRONMENTAL SAT.	396,641	396,641	396,641	396,641
61A NEXT GENERATION MILSATCOM TECHNOLOGY DEVELOPMENT.....	---	---	50,000	50,000
TOTAL, DEMONSTRATION & VALIDATION.....	1,795,884	1,793,772	1,895,884	1,858,534
ENGINEERING & MANUFACTURING DEVELOPMENT				
62 GLOBAL BROADCAST SERVICE (GBS).....	31,124	31,124	31,124	31,124
63 NUCLEAR WEAPONS SUPPORT.....	37,860	42,860	37,860	41,860
65 SPECIALIZED UNDERGRADUATE FLIGHT TRAINING.....	6,227	10,862	7,862	10,862
68 ELECTRONIC WARFARE DEVELOPMENT.....	97,275	97,275	80,275	80,275
69 TACTICAL DATA NETWORKS ENTERPRISE.....	88,444	88,444	82,944	87,444
70 PHYSICAL SECURITY EQUIPMENT.....	50	50	50	50
71 SMALL DIAMETER BOMB (SDB).....	153,815	155,815	153,815	155,415
72 COUNTERSPACE SYSTEMS.....	64,248	64,248	64,248	64,248
73 SPACE SITUATION AWARENESS SYSTEMS.....	308,134	207,834	269,534	239,534
74 AIRBORNE ELECTRONIC ATTACK.....	11,107	11,107	11,107	11,107
75 SPACE BASED INFRARED SYSTEM (SBIRS) HIGH END.....	512,642	526,442	512,642	526,442
76 THIRD GENERATION INFRARED SURVEILLANCE (3GIRS).....	143,169	39,169	143,169	73,369
77 ARMAMENT/ORDNANCE DEVELOPMENT.....	18,671	18,671	18,671	18,671
78 SUBMUNITIONS.....	1,784	1,784	1,784	1,784
79 AGILE COMBAT SUPPORT.....	11,261	11,261	11,261	11,261
80 LIFE SUPPORT SYSTEMS.....	10,711	11,911	14,111	14,331
81 COMBAT TRAINING RANGES.....	29,718	29,718	14,718	22,718
82 INTEGRATED COMMAND & CONTROL APPLICATIONS (IC2A).....	10	9,010	10	6,960
83 INTELLIGENCE EQUIPMENT.....	1,495	1,495	1,495	1,495
84 JOINT STRIKE FIGHTER (JSF).....	1,858,055	2,073,055	1,780,055	2,073,055
85 INTERCONTINENTAL BALLISTIC MISSILE.....	60,010	60,010	60,010	60,010
86 EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE).....	26,545	51,545	26,545	46,545
88 NEXT GENERATION AERIAL REFUELING AIRCRAFT.....	439,615	---	409,615	15,000
89 CSAR-X RDT&E.....	89,975	9,975	---	---
89a HH-60 RDT&E.....	---	---	14,975	14,975

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
90 HC/MC-130 RECAP RDT&E.....	20,582	20,582	20,582	20,582
91 JOINT SIAP EXECUTIVE PROGRAM OFFICE.....	34,877	34,877	14,877	14,877
92 LINK-16 SUPPORT AND SUSTAINMENT.....	---	---	79,300	79,300
94 SINGLE INTEGRATED AIR PICTURE (SIAP).....	13,466	13,466	13,466	13,466
95 FULL COMBAT MISSION TRAINING.....	99,807	99,807	79,807	79,607
97 JOINT CARGO AIRCRAFT (JCA).....	9,353	9,353	9,353	9,353
98 CV-22.....	19,640	19,640	19,640	19,640
99 AIRBORNE SENIOR LEADER C3 (SLC3S).....	20,056	20,056	20,056	20,056
<b>TOTAL, ENGINEERING &amp; MANUFACTURING DEVELOPMENT.....</b>	<b>4,219,726</b>	<b>3,771,446</b>	<b>4,004,961</b>	<b>3,865,616</b>
RDT&E MANAGEMENT SUPPORT				
100 THREAT SIMULATOR DEVELOPMENT.....	27,789	27,789	27,789	27,789
101 MAJOR T&E INVESTMENT.....	60,824	63,324	67,824	67,824
102 RAND PROJECT AIR FORCE.....	27,501	27,501	29,501	29,101
104 INITIAL OPERATIONAL TEST & EVALUATION.....	25,833	25,833	25,833	25,833
105 TEST AND EVALUATION SUPPORT.....	736,488	736,488	755,788	746,488
106 ROCKET SYSTEMS LAUNCH PROGRAM (SPACE).....	14,637	14,637	14,637	14,637
107 SPACE TEST PROGRAM (STP).....	47,215	47,215	47,215	47,215
108 FACILITIES RESTORATION & MODERNIZATION - TEST & EVAL..	52,409	60,409	52,409	58,809
109 FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT..	29,683	29,683	34,683	33,683
110 ACQUISITION AND MANAGEMENT SUPPORT.....	18,947	18,947	18,947	18,947
111 GENERAL SKILL TRAINING.....	1,450	1,450	1,450	1,450
113 INTERNATIONAL ACTIVITIES.....	3,748	3,748	3,748	3,748
<b>TOTAL, RDT&amp;E MANAGEMENT SUPPORT.....</b>	<b>1,046,524</b>	<b>1,057,024</b>	<b>1,079,824</b>	<b>1,075,524</b>
OPERATIONAL SYSTEMS DEVELOPMENT				
114 COMMON VERTICAL LIFT SUPPORT PLATFORM.....	9,513	2,000	5,513	4,000
115 ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY.....	47,276	47,276	47,276	47,276
117 B-52 SQUADRONS.....	93,930	102,930	99,930	102,330
118 AIR-LAUNCHED CRUISE MISSILE (ALCM).....	3,652	3,652	3,652	3,652
119 B-1B SQUADRONS.....	148,025	178,025	179,025	179,025
120 B-2 SQUADRONS.....	415,414	436,714	397,414	407,189

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
121 STRAT WAR PLANNING SYSTEM - USSTRATCOM.....	33,836	33,836	33,836	33,836
122 NIGHT FIST - USSTRATCOM.....	5,328	5,328	5,328	5,328
124 ATMOSPHERIC EARLY WARNING SYSTEM.....	9,832	9,832	9,832	9,832
125 REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION..	25,734	25,734	25,734	25,734
126 STRATEGIC AEROSPACE INTELLIGENCE SYSTEM ACTIVITIES....	18	18	18	18
127 WARFIGHTER RAPID ACQUISITION PROCESS (WRAP) RAPID TRAN	11,996	11,996	11,996	11,996
128 MQ-9 UAV.....	39,245	109,245	39,245	91,745
129 MULTI-PLATFORM ELECTRONIC WARFARE EQUIPMENT.....	14,747	14,747	14,747	14,747
130 A-10 SQUADRONS.....	9,697	9,697	12,197	12,197
131 F-16 SQUADRONS.....	141,020	141,020	143,020	142,620
132 F-15E SQUADRONS.....	311,167	320,167	323,167	319,967
133 MANNED DESTRUCTIVE SUPPRESSION.....	10,748	10,748	8,748	9,748
134 F-22 SQUADRONS.....	569,345	569,345	569,345	569,345
135 TACTICAL AIM MISSILES.....	5,915	5,915	5,915	5,915
136 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).....	49,971	49,971	49,971	49,971
137 JOINT HELMET MOUNTED CUEING SYSTEM (JHMCS).....	2,529	2,529	2,529	2,529
138 COMBAT RESCUE - PARARESCUE.....	2,950	2,950	2,950	2,950
139 AF TENCAP.....	11,643	11,643	11,643	11,643
140 PRECISION ATTACK SYSTEMS PROCUREMENT.....	2,950	2,950	2,950	2,950
141 COMPASS CALL.....	13,019	13,019	13,019	13,019
142 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.....	166,563	157,563	154,563	156,963
143 CSAF INNOVATION PROGRAM.....	4,621	4,621	12,921	11,261
144 JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM).....	29,494	29,494	29,494	29,494
145 AIR AND SPACE OPERATIONS CENTER (AOC).....	99,405	101,405	103,405	102,605
146 CONTROL AND REPORTING CENTER (CRC).....	52,508	52,508	52,508	52,508
147 AIRBORNE WARNING AND CONTROL SYSTEM (AWACS).....	176,040	176,040	176,040	176,040
149 ADVANCED COMMUNICATIONS SYSTEMS.....	63,782	63,782	63,782	63,782
151 COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES.....	1,475	1,475	1,475	1,475
152 THEATER BATTLE MANAGEMENT (TBM) C4I.....	19,067	19,067	19,067	19,067

(In thousands of dollars)

	Budget	House	Senate	Recommendation
153 FIGHTER TACTICAL DATA LINK.....	72,106	72,106	62,106	67,106
155 C2ISR TACTICAL DATA LINK.....	1,667	1,667	1,667	1,667
156 COMMAND AND CONTROL (C2) CONSTELLATION.....	26,792	31,792	26,792	30,792
157 JOINT SURVEILLANCE AND TARGET ATTACK RADAR SYSTEM.....	140,670	140,670	175,670	186,670
158 SEEK EAGLE.....	22,071	22,071	22,071	22,071
159 USAF MODELING AND SIMULATION.....	27,245	27,245	27,245	27,245
160 WARGAMING AND SIMULATION CENTERS.....	7,018	7,018	7,018	7,018
161 DISTRIBUTED TRAINING AND EXERCISES.....	6,740	6,740	6,740	6,740
162 MISSION PLANNING SYSTEMS.....	91,995	91,995	41,995	81,995
163 INFORMATION WARFARE SUPPORT.....	12,271	14,271	12,271	13,871
170 E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC).....	26,107	26,107	26,107	26,107
172 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK.....	72,694	72,694	72,694	72,694
173 INFORMATION SYSTEMS SECURITY PROGRAM.....	196,621	196,621	136,621	166,621
174 GLOBAL COMBAT SUPPORT SYSTEM.....	3,375	3,375	3,375	3,375
175 GLOBAL COMMAND AND CONTROL SYSTEM.....	3,149	7,149	3,149	6,349
176 JOINT COMMAND AND CONTROL PROGRAM (JC2).....	3,087	3,087	---	---
177 MILSATCOM TERMINALS.....	257,693	257,693	257,693	257,693
179 AIRBORNE SIGINT ENTERPRISE.....	176,989	176,989	166,989	166,989
181 ADVANCED GEOSPATIAL INTELLIGENCE.....	---	---	6,500	5,200
182 GLOBAL AIR TRAFFIC MANAGEMENT (GATM).....	6,028	6,028	6,028	6,028
183 CYBER SECURITY INITIATIVE.....	2,065	2,065	7,065	2,065
184 SATELLITE CONTROL NETWORK (SPACE).....	20,991	20,991	20,991	20,991
185 WEATHER SERVICE.....	33,531	33,531	33,531	33,531
186 AIR TRAFFIC CONTROL, APPROACH, & LANDING SYSTEM (ATC).....	9,006	9,006	12,006	11,406
187 AERIAL TARGETS.....	54,807	54,807	54,807	54,807
190 SECURITY AND INVESTIGATIVE ACTIVITIES.....	742	742	742	742
192 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES.....	39	39	39	39
194 NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT).....	137,692	137,692	137,692	137,692
195 NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL).....	52,039	52,039	52,039	52,039
197 SPACE AND MISSILE TEST AND EVALUATION CENTER.....	3,599	3,599	3,599	3,599

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
198 SPACE WARFARE CENTER.....	3,009	3,009	3,009	3,009
199 SPACELIFT RANGE SYSTEM (SPACE).....	9,957	9,957	9,957	9,957
200 INTELLIGENCE SUPPORT TO INFORMATION OPERATIONS.....	1,240	2,240	1,240	2,240
202 ENDURANCE UNMANNED AERIAL VEHICLES.....	73,736	73,736	38,736	48,736
203 AIRBORNE RECONNAISSANCE SYSTEMS.....	143,892	145,892	143,892	145,492
204 MANNED RECONNAISSANCE SYSTEMS.....	12,846	15,346	12,846	14,846
205 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	82,765	82,765	82,765	82,765
206 PREDATOR UAV (JMIP).....	18,101	24,301	22,101	23,776
207 RQ-4 UAV.....	317,316	317,316	317,316	317,316
208 NETWORK-CENTRIC COLLABORATIVE TARGET (TIARA).....	8,160	8,160	8,160	8,160
209 GPS III SPACE SEGMENT.....	815,095	717,695	425,695	425,695
209 GPS CONTROL SEGMENT (OCX).....	---	---	292,000	292,000
210 JSPOC MISSION SYSTEM.....	131,271	131,271	137,271	136,271
211 INTELLIGENCE SUPPORT TO INFORMATION WARFARE.....	5,267	5,267	5,267	5,267
213 NUDET DETECTION SYSTEM (SPACE).....	84,021	84,021	84,021	84,021
214 NATIONAL SECURITY SPACE OFFICE.....	10,634	---	10,634	---
215 SPACE SITUATION AWARENESS OPERATIONS.....	54,648	54,648	54,648	54,648
216 NASS, IO TECHNOLOGY INTEGRATION & TOOL DEV.....	30,076	30,076	30,076	30,076
217 SHARED EARLY WARNING (SEW).....	3,082	3,082	3,082	3,082
218 C-130 AIRLIFT SQUADRON.....	201,250	201,250	182,250	109,250
219 C-5 AIRLIFT SQUADRONS.....	95,266	95,266	85,266	85,266
220 C-17 AIRCRAFT.....	161,855	161,855	161,855	161,855
221 C-130J PROGRAM.....	30,019	30,019	30,019	30,019
222 LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM).....	31,784	31,784	26,784	26,784
223 KC-135S.....	10,297	10,297	10,297	10,297
224 KC-10S.....	35,586	35,586	35,586	35,586
226 OPERATIONAL SUPPORT AIRLIFT.....	4,916	4,916	4,916	4,916
228 SPECIAL TACTICS / COMBAT CONTROL.....	8,222	10,222	10,222	11,422
229 DEPOT MAINTENANCE (NON-IF).....	1,508	1,508	1,508	1,508

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(In thousands of dollars)

	Budget	House	Senate	Recommendation
231 INDUSTRIAL PREPAREDNESS.....	---	4,000	1,000	4,000
232 LOGISTICS INFORMATION TECHNOLOGY (LOGIT).....	246,483	246,483	246,483	246,483
233 SUPPORT SYSTEMS DEVELOPMENT.....	6,288	12,788	38,188	38,258
234 OTHER FLIGHT TRAINING.....	805	805	805	805
235 JOINT NATIONAL TRAINING CENTER.....	3,220	3,220	3,220	3,220
236 TRAINING DEVELOPMENTS.....	1,769	1,769	1,769	1,769
237 OTHER PERSONNEL ACTIVITIES.....	116	116	116	116
238 JOINT PERSONNEL RECOVERY AGENCY.....	6,376	6,376	6,376	11,376
239 SERVICE-WIDE SUPPORT (NOT OTHERWISE ACCOUNTED FOR)....	---	---	---	---
240 CIVILIAN COMPENSATION PROGRAM.....	8,174	8,174	8,174	8,174
241 PERSONNEL ADMINISTRATION.....	10,492	10,492	30,982	30,982
242 FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT..	55,991	55,991	55,991	55,991
<b>TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....</b>	<b>6,796,817</b>	<b>6,848,770</b>	<b>6,642,020</b>	<b>6,731,333</b>
999 CLASSIFIED PROGRAMS.....	11,955,084	12,148,484	12,064,884	12,121,644
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AIR FORCE</b>	<b>27,992,827</b>	<b>27,976,278</b>	<b>28,049,015</b>	<b>28,121,985</b>

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

<b>R-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>1 DEFENSE RESEARCH SCIENCES</b>	<b>321,028</b>	<b>323,528</b>	<b>331,028</b>	<b>329,828</b>
Process Integrated Mechanism for Human-Computer Collaboration and Coordination		1,000		800
Safeguarding End-User Military Software		1,500	5,000	4,000
Coal Transformation Laboratory			1,000	800
Development and Validation of Advanced Design Technologies for Hypersonic Research			2,000	1,600
Development of Deployable Biosensors			2,000	1,600
<b>2 UNIVERSITY RESEARCH INITIATIVES</b>	<b>132,249</b>	<b>140,449</b>	<b>136,949</b>	<b>142,109</b>
Cyber Security Research Program/Cyber Security Laboratory		1,500	1,000	1,200
Unmanned Aerial Systems Mission Planning and Operation Center		3,500		2,800
Energy and Sensor Informatics Research and Translation		1,000		800
Frank R. Seaver Science and Engineering Initiative		2,200		1,760
Cyber Innovation Center (CIC) Research and Development Seed Fund			1,000	800
Cybersecurity of Security Control Networks (Note: Includes transfer from O&M, Air Force)			1,700	1,700
High Temperature Hydrogen Energy Production Facility			1,000	800
<b>7 MATERIALS</b>	<b>127,957</b>	<b>155,707</b>	<b>168,957</b>	<b>179,157</b>
Accelerated Insertion of Advanced Materials and Certification for Military Aircraft Structure Material Substitution and Repair		2,500		2,000
Advanced Aerospace Carbon Foam Heat Exchangers		750	4,000	3,200
Aerospace Laser Micro Engineering Station		1,000		800
Fine Water Mist Fire Suppression Technology to Replace Halon		2,500		2,000
Gallium Nitride (GaN) Microelectronics and Materials		2,000		1,600
Institute for Science and Engineering Simulation/Aircraft Fatigue Modeling and Simulation		4,500	3,000	3,600
Large Area, APVT Materials Development for High Power Devices		2,000		1,600
Low-Defect Density Gallium Nitride Materials for High-Performance Electronic Devices		3,500		2,800
ONAMI Safer Nanomaterials and Nanomanufacturing Partnership for Energy and Automation Technologies		2,000	4,400	3,520
Pennsylvania Nanomaterials Commercialization Center		1,000		800
Ultra-High Temperature Materials for Hypersonic Aerospace Vehicles		3,000		2,400
Carbon Nanomaterials for Advanced Aerospace Applications		1,000		800
Air Force Minority Leaders Program			6,000	4,800
Conducting Polymer Stress and Polymer Damage Sensors for Composites			3,600	2,880
Consortium for Nanomaterials for Aerospace Commerce and Technology (CONTACT)			4,000	3,200
Development of Mobile Wind Turbine Systems to Power Forward Bases			1,500	1,200
Energy Efficiency, Recovery and Generation (ENERGY)			1,000	1,000
Fire and Blast Resistant Materials for Force Protection			4,000	3,200
Hybrid Materials Integration (HMI)			2,500	2,000

R-1	Budget Request	House	Senate	Recommendation
			2,000	1,600
			3,000	3,000
			1,000	800
			1,000	800
<b>8 AEROSPACE VEHICLE TECHNOLOGIES</b>	<b>127,129</b>	<b>129,129</b>	<b>138,529</b>	<b>139,149</b>
Unmanned Sense, Track, and Avoid Radar		2,000		1,600
Materials Integrity Management Research for the Air Force			3,000	3,000
UAV Sensor and Maintenance Development Center			4,900	3,920
Unmanned Aerial System Exploitation			3,500	3,500
<b>9 HUMAN EFFECTIVENESS APPLIED RESEARCH</b>	<b>85,122</b>	<b>85,122</b>	<b>96,122</b>	<b>93,922</b>
Advanced Night Vision System - Cockpit Integration			1,000	800
Imaging Tools for Human Performance Enhancement and Diagnostics			2,000	1,600
Center for UAS Research, Education and Training (Includes transfer from line number 206)			8,000	6,400
<b>10 AEROSPACE PROPULSION</b>	<b>196,529</b>	<b>226,669</b>	<b>199,529</b>	<b>221,641</b>
Advanced Lithium Battery Scale-up and Manufacturing		2,000		1,600
Advanced Vehicle Propulsion Center		3,000		2,400
Aerospace Lab Equipment Upgrade		1,500		1,200
AFRL Edwards Rocket Test Stand 2-A Technical Improvements (Includes transfer from line number 11)		1,500		3,200
Development and Testing of Advanced Hybrid Rockets for Space Applications		3,500		2,800
High Energy Li-Ion Technology for Aviation Batteries		1,500		1,200
Integrated Engine Starter/Generator		2,000		1,600
Integrated Propulsion Analysis and Spacecraft Engineering Tools (IPAT/ISET)		6,000		4,800
Multi-Mode Propulsion Phase IIA: High Performance Green Propellant		2,000		1,600
National Test Facility for Aerospace Fuels Propulsion		1,640		1,312
Thermal and Energy Management for Aerospace		4,000	3,000	3,200
Wavelength Agile Spectral Harmonic Oxygen Sensor and Cell-Level Battery Controller		1,500		1,200
Energy Superior Lithium Battery Technology for Defense Applications			2,000	1,600
HEETE - funded in P.L. 111-5			-5,000	-5,000
Next Generation Solar Electric In-Space Propulsion			1,000	800
Split Discharge Variable Delivery Pump for Military Aircraft			2,000	1,600
<b>11 AEROSPACE SENSORS</b>	<b>121,768</b>	<b>129,768</b>	<b>135,668</b>	<b>136,588</b>
Advanced Electronic Components for Sensor Arrays		3,000		2,400
Net-Centric Sensor Grids		3,000		2,400
Watchkeeper		2,000		1,600
Advanced Integrated Microsystems for Military Electronic Systems			3,100	2,480
Edwards Rocket Test Stand 2-A Improvements (Transferred to line number 10)			4,000	
Information Quality Tools for Persistent Surveillance Data Sets			1,800	1,440
On-Chip Integrated Photonic Polymer Transceiver			5,000	4,500

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R-1	Budget Request	House	Senate	Recommendation
<b>12 SPACE TECHNOLOGY</b>	<b>104,148</b>	<b>116,248</b>	<b>110,148</b>	<b>119,628</b>
Advanced Modular Avionics for Operationally Responsive Satellite Use		3,100		2,480
Center for Solar Electricity and Hydrogen		5,000		4,000
Center for Space Entrepreneurship		2,000		1,600
Mission Design and Analysis Tool		2,000		1,600
AFRL Seismic Research Program			5,000	5,000
Reconfigurable Electronics and Non-Volatile Memory Research			1,000	800
<b>14 DIRECTED ENERGY TECHNOLOGY</b>	<b>105,677</b>	<b>106,677</b>	<b>99,927</b>	<b>106,477</b>
Hybrid Nanoparticle-based Coolant Technology Development and Manufacturing		1,000		800
Chemical Laser Technology - authorization adjustment			-5,750	0
<b>15 COMMAND CONTROL AND COMMUNICATIONS</b>	<b>0</b>	<b>2,500</b>	<b>0</b>	<b>2,000</b>
Efficient Utilization of Transmission Hyperspace		2,500		2,000
<b>17 HIGH ENERGY LASER RESEARCH</b>	<b>52,754</b>	<b>61,254</b>	<b>46,654</b>	<b>53,454</b>
Advanced Deformable Mirrors for High Energy Laser Weapons		2,000		1,600
High Bandwidth, High Energy Storage, Exawatt Laser Glass Development		3,500		2,800
Planar Lightwave Circuit Development for High Power Military Laser Applications		3,000		2,400
Chemical Laser Technology - authorization adjustment			-6,100	-6,100
<b>18 ADVANCED MATERIALS FOR WEAPON SYSTEMS</b>	<b>37,901</b>	<b>56,301</b>	<b>64,501</b>	<b>71,901</b>
EMI Grid Fabrication Technology		3,000		2,400
Hawaii Microalgae Biofuel Project		4,400		3,520
Hybrid Bearings		1,000		800
Metals Affordability Initiative		10,000	5,000	10,000
Aircraft Evaluation Readiness Initiative			3,000	2,400
Automated Processing of Advanced Low Observables (RAPALO)			1,500	1,200
Military Waste-to-Energy Project using the Hydro-Thermal Energy Conversion (Hy-TEC) Process			2,000	1,600
Sewage-Derived Biofuels Project			4,800	3,840
SiC - RF Power for Airborne Avionics Systems			2,000	1,600
Silicon Carbide Electronics Material Producibility Initiative			6,300	5,040
Strategic Biofuels Supply System			2,000	1,600
<b>20 ADVANCED AEROSPACE SENSORS</b>	<b>51,482</b>	<b>53,482</b>	<b>51,482</b>	<b>53,082</b>
Reconfigurable Secure Computing		2,000		1,600
<b>21 AEROSPACE TECHNOLOGY DEV/DEMO</b>	<b>76,844</b>	<b>91,844</b>	<b>76,844</b>	<b>88,594</b>
3D Bias Woven Perform Development		3,000		2,400
Big Antennas Small Structures Efficient Tactical UAV		2,000		1,600
Long-Loiter, Load Bearing Antenna Platform for Pervasive Airborne Intelligence		5,000		4,000
Program Increase		5,000		3,750
<b>AEROSPACE PROPULSION AND POWER</b>				
<b>22 TECHNOLOGY</b>	<b>175,676</b>	<b>191,176</b>	<b>178,676</b>	<b>189,576</b>
Algal-Derived Jet Fuel for Air Force Applications		3,000		2,700
Bio-JP8 Fuel Development		5,000		4,000
Renewable Hydrocarbon Fuels for Military Applications		2,500		2,000

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R-1	Budget Request	House	Senate	Recommendation
Small Turbofan Versatile Affordable Advanced Turbine Engine Program		4,000		3,200
Texas Research Institute for Environmental Studies		1,000		800
ADVENT - funded in P.L. 111-5			-6,000	-6,000
Algal Biofuels for Aviation			3,000	2,400
Methanol Fuel Cell Development for USAF Battlefield Renewable Integrated Tactical Energy System (BRITES)			3,000	2,400
Silicon Carbide Power Modules for the F-35 Joint Strike Fighter			3,000	2,400
<b>CREW SYSTEMS AND PERSONNEL PROTECTION</b>				
<b>23 TECHNOLOGY</b>	<b>0</b>	<b>0</b>	<b>3,000</b>	<b>2,940</b>
Water for Injection and Air Purification with Carbon Nanotube Nanostructured Material			3,000	2,940
<b>24 ELECTRONIC COMBAT TECHNOLOGY</b>	<b>31,021</b>	<b>32,521</b>	<b>31,021</b>	<b>32,221</b>
Advanced Electromagnetic Location of IEDs Defeat System		1,500		1,200
<b>25 ADVANCED SPACECRAFT TECHNOLOGY</b>	<b>83,909</b>	<b>98,609</b>	<b>90,409</b>	<b>99,269</b>
Ballistic Missile Technology		2,000		1,600
Domestic Manufacturing of 45nm Electronics		2,000	4,000	3,200
Florida National Guard Total Force Integration		3,000		2,400
Integrated Passive Electronic Components		1,700		1,360
Micromachined Switches for Next Generation Modular Satellites		3,000		2,400
Small Responsive Spacecraft at Low-Cost		3,000		2,400
P-Net Ballistic Missile Technology			2,500	2,000
<b>26 MAUI SPACE SURVEILLANCE SYSTEM (MSSS)</b>	<b>5,813</b>	<b>5,813</b>	<b>37,813</b>	<b>36,813</b>
FLASH Hyper-Dimensional Imaging for Near Space Surveillance and Ballistic Missile Defense			2,000	2,000
Maui Space Surveillance System Operations and Research			20,000	19,500
PanSTARRS			10,000	9,500
<b>28 CONVENTIONAL WEAPONS TECHNOLOGY</b>	<b>14,356</b>	<b>16,556</b>	<b>14,356</b>	<b>16,116</b>
Body Armor Improved Ballistic Protection, Research and Development		2,200		1,760
<b>29 ADVANCED WEAPONS TECHNOLOGY</b>	<b>30,056</b>	<b>30,056</b>	<b>44,556</b>	<b>44,996</b>
Advanced Fiber Lasers Systems and Components			4,000	3,200
Applications of LIDAR to Vehicles with Analysis			6,500	6,000
Real-time Optical Surveillance Applications			4,000	3,500
Advanced Tactical Laser (Note: transferred from Senate General Provision 8122)				2,240
<b>30 MANUFACTURING TECHNOLOGY PROGRAM</b>	<b>39,913</b>	<b>41,913</b>	<b>44,913</b>	<b>45,513</b>
Production of Nanocomposites for Aerospace Applications		2,000		1,600
Next Generation Casting Initiative			5,000	4,000
<b>32 C3I ADVANCED DEVELOPMENT</b>	<b>0</b>	<b>4,000</b>	<b>2,900</b>	<b>6,900</b>
Cyber Attack and Security Environment (Note: Includes transfer from line number 183)		4,000		4,000
MPOI for Battlespace Information Exchange			2,900	2,900

R-1	Budget Request	House	Senate	Recommendation
34 INTELLIGENCE ADVANCED DEVELOPMENT Multilingual Text Mining Platform for Intelligence Analysts	5,009	6,009 1,000	5,009	5,809 800
40 SPACE CONTROL TECHNOLOGY Space Situational Awareness	97,701	97,701	102,701 5,000	101,701 4,000
41 COMBAT IDENTIFICATION TECHNOLOGY Advanced Fast Steering Mirror Applications for 3-D LADAR in LITENING Pod	27,252	27,252	29,252 2,000	28,852 1,600
46 INTERCONTINENTAL BALLISTIC MISSILE Minuteman III Advanced Third Stage Domestic Fiber Motor Case Development	66,079	69,079 3,000	66,079	68,479 2,400
48 POLLUTION PREVENTION (DEM/VAL) Program Increase	2,896	12,896 10,000	2,896	10,396 7,500
51 BATTLE MGMT COM & CTRL SENSOR DEVELOPMENT Early to need RTIP development for large aircraft platform	22,612	0 -22,612	72,612 50,000	22,612 0 0
56 ALTERNATIVE FUELS Synthetic Liquid Fuels Advance Propulsion Non-Tactical Vehicle Excess to need	89,020	94,020 3,000 2,000	69,020 -20,000	73,020 2,400 1,600 -20,000
59 OPERATIONALLY RESPONSIVE SPACE Micro-Satellite Serial Manufacturing to Include Academic Outreach Educational Program Low-Earth Orbit Nanosatellite Integrated Defense Autonomous Systems (LEONIDAS) Rapid Small Satellite Development Test Facilities Space Sensor Data Link Technology	112,861	114,361 1,500	125,861 5,000 2,000 6,000	125,211 1,200 4,750 1,600 4,800
61A NEXT GENERATION MILSATCOM TECHNOLOGY DEVELOPMENT Next generation MILSATCOM technology development (Transferred from Missile Procurement, Air Force line number 16)			50,000 50,000	50,000 50,000
63 NUCLEAR WEAPONS SUPPORT Nuclear Enterprise Surety Tracking	37,860	42,860 5,000	37,860	41,860 4,000
65 SPECIALIZED UNDERGRADUATE FLIGHT TRAINING Improved Brake System Program Termination AT-6B Demonstration for ANG	6,227	10,862 -2,365 7,000	7,862 -2,365 4,000	10,862 -2,365 7,000
68 ELECTRONIC WARFARE DEVELOPMENT MALD-J excess to Air Force requirement	97,275	97,275	80,275 -17,000	80,275 -17,000
69 TACTICAL DATA NETWORKS ENTERPRISE Excess to need Global UAS Networking and Interoperability System (GUNIS)	88,444	88,444	82,944 -10,000 4,500	87,444 -5,000 4,000
71 SMALL DIAMETER BOMB (SDB) High Pressure Pure Air Generator System	153,815	155,815 2,000	153,815	155,415 1,600

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R-1	Budget Request	House	Senate	Recommendation
<b>73 SPACE SITUATION AWARENESS SYSTEMS</b>	<b>308,134</b>	<b>207,834</b>	<b>269,534</b>	<b>239,534</b>
Space Fence Program Reduction		-45,200		-30,000
Space Based Space Surveillance Follow-on		-55,100	-36,700	-36,700
High Accuracy Network Determination System-Intelligent Optical Network for Space Situational Awareness (Includes transfer from RDT&E, Defense-Wide line number 34)			5,000	5,000
Space Surveillance Telescope (SST)			-6,900	-6,900
<b>75 SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD</b>	<b>512,642</b>	<b>526,442</b>	<b>512,642</b>	<b>526,442</b>
Ground Development (Transferred from line number 76)		13,800		13,800
<b>THIRD GENERATION INFRARED SURVEILLANCE</b>				
<b>76 (3GIRS)</b>	<b>143,169</b>	<b>39,169</b>	<b>143,169</b>	<b>73,369</b>
Third Generation Infrared System		-90,200		-56,000
Ground Development (Transfer to line number 75)		-13,800		-13,800
<b>80 LIFE SUPPORT SYSTEMS</b>	<b>10,711</b>	<b>11,911</b>	<b>14,111</b>	<b>14,331</b>
Program Increase - Bomber Crew Safety Study		1,200		900
ACES 5 Ejection Seat			2,400	1,920
Backpack Medical Oxygen System (BMOS)			1,000	800
<b>81 COMBAT TRAINING RANGES</b>	<b>29,718</b>	<b>29,718</b>	<b>14,718</b>	<b>22,718</b>
ACTS Range Threat Systems - program delay			-15,000	-10,000
P5CTS Equipment for the MT Joint Training Environment (Transferred from Aircraft Procurement, Air Force line number 85)				3,000
<b>INTEGRATED COMMAND &amp; CONTROL APPLICATIONS</b>				
<b>82 (IC2A)</b>	<b>10</b>	<b>9,010</b>	<b>10</b>	<b>6,960</b>
Distributed Mission Interoperability Toolkit (DMIT)		4,000		3,200
Program Increase		5,000		3,750
<b>84 JOINT STRIKE FIGHTER (JSF)</b>	<b>1,858,055</b>	<b>2,073,055</b>	<b>1,780,055</b>	<b>2,073,055</b>
Alternate Engine Development		215,000		215,000
Excess to need			-78,000	0
<b>EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM</b>				
<b>86 (SPACE)</b>	<b>26,545</b>	<b>51,545</b>	<b>26,545</b>	<b>46,545</b>
Program Increase		25,000		20,000
<b>88 NEXT GENERATION AERIAL REFUELING AIRCRAFT</b>	<b>439,615</b>	<b>0</b>	<b>409,615</b>	<b>15,000</b>
Transferred to Title VIII		-439,615		-394,615
Contract award delay			-30,000	-30,000
<b>89 CSAR-X RDT&amp;E</b>	<b>89,975</b>	<b>9,975</b>	<b>0</b>	<b>0</b>
Program terminated		-80,000		0
Air Force requested transfer to line number 89A and Aircraft Procurement, Air Force line number 14			-89,975	-89,975
<b>89A HH-60 RDT&amp;E</b>			<b>14,975</b>	<b>14,975</b>
HH-60 Replacements - Air Force requested transfer from line number 89			14,975	14,975
<b>91 JOINT SIAP EXECUTIVE PROGRAM OFFICE</b>	<b>34,877</b>	<b>34,877</b>	<b>14,877</b>	<b>14,877</b>
Unjustified request			-20,000	-20,000

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R-1	Budget Request	House	Senate	Recommendation
92 LINK-16 SUPPORT AND SUSTAINMENT	0	0	79,300	79,300
DOD requested transfer from Title VI Rapid Acquisition Fund for BACN			79,300	79,300
95 FULL COMBAT MISSION TRAINING	99,807	99,807	79,807	79,807
Contract award delay			-20,000	-20,000
101 MAJOR T&E INVESTMENT	60,824	63,324	67,824	67,824
Eglin AFB Range Operations Control Center		2,500		2,000
Holloman High Speed Test Track			7,000	5,000
102 RAND PROJECT AIR FORCE	27,501	27,501	29,501	29,101
RAND Project Air Force			2,000	1,600
105 TEST AND EVALUATION SUPPORT	736,488	736,488	755,788	746,488
Authorization increase - Test Resources Management Center			19,300	10,000
FACILITIES RESTORATION & MODERNIZATION - TEST & EVAL				
108 Base Facility Energy Independence, Stewart Air National Guard Base	52,409	60,409	52,409	58,809
Inter-Base Facility Energy Independence		5,000		4,000
		3,000		2,400
FACILITIES SUSTAINMENT - TEST AND EVALUATION				
109 SUPPORT	29,683	29,683	34,683	33,683
Sustainable Energy Vermont National Guard			5,000	4,000
114 COMMON VERTICAL LIFT SUPPORT PLATFORM	9,513	2,000	5,513	4,000
Unjustified program/Excess to need		-7,513	-4,000	-5,513
117 B-52 SQUADRONS	93,930	102,930	99,930	102,330
B-52 Tactical Data Link Capability		6,000	6,000	6,000
Reconstitution of B-52 Nuclear Capability Study		3,000		2,400
119 B-1B SQUADRONS	148,025	178,025	179,025	179,025
Transferred from Aircraft Procurement, Air Force line number 28		29,000	29,000	29,000
B-1 AESA Radar Operational Utility Evaluation		1,000	2,000	2,000
120 B-2 SQUADRONS	415,414	436,714	397,414	407,189
Program Increase		15,300		12,175
B-2 Advanced Tactical Data Link		6,000	12,000	9,600
EHF SATCOM Increment 2 - premature request			-30,000	-30,000
128 MQ-9 UAV	39,245	109,245	39,245	91,745
Program Increase		70,000		52,500
130 A-10 SQUADRONS	9,697	9,697	12,197	12,197
CAD/CAM Aircraft Structural Overhaul Work Center			2,500	2,500
131 F-16 SQUADRONS	141,020	141,020	143,020	142,620
Thunder Radar Pod			2,000	1,600
132 F-15E SQUADRONS	311,167	312,167	323,167	319,967
Corrosion Detection and Visualization Program		1,000		800
F-15C AESA Classified Demo		8,000	12,000	8,000

R-1	Budget Request	House	Senate	Recommendation
133 MANNED DESTRUCTIVE SUPPRESSION	10,748	10,748	8,748	9,748
Funding ahead of need			-2,000	-1,000
AIRCRAFT ENGINE COMPONENT IMPROVEMENT				
142 PROGRAM	166,563	157,563	154,563	156,963
F-135 Engine - Early to need		-12,000	-12,000	-12,000
Senior Scout Communications Intelligence (COMINT) Capability Upgrade		3,000		2,400
143 CSAF INNOVATION PROGRAM	4,621	4,621	12,921	11,261
Eagle Vision III Upgrades			6,000	4,800
Multiband Realtime Hyperspectral Targeting Sensor			2,300	1,840
145 AIR AND SPACE OPERATIONS CENTER (AOC)	99,405	101,405	103,405	102,605
COTS Technology for Space Command and Control		2,000	4,000	3,200
153 FIGHTER TACTICAL DATA LINK	72,106	72,106	62,106	67,106
Excess to need			-10,000	-5,000
156 COMMAND AND CONTROL (C2) CONSTELLATION	26,792	31,792	26,792	30,792
GAPS/AWS Horizontal Integration		5,000		4,000
JOINT SURVEILLANCE AND TARGET ATTACK RADAR				
157 SYSTEM	140,670	140,670	175,670	186,670
Re-engining program (Transferred from Aircraft Procurement, Air Force line number 59)			35,000	46,000
162 MISSION PLANNING SYSTEMS	91,995	91,995	41,995	81,995
Program delay			-50,000	-10,000
163 INFORMATION WARFARE SUPPORT	12,271	14,271	12,271	13,871
Electromagnetic Battlespace Management		2,000		1,600
173 INFORMATION SYSTEMS SECURITY PROGRAM	196,621	196,621	136,621	166,621
Restructure of Cryptographic Modernization program			-35,000	-10,000
Premature request			-25,000	-20,000
175 GLOBAL COMMAND AND CONTROL SYSTEM	3,149	7,149	3,149	6,349
Command and Control Service Level Management (C2SLM) Program		4,000		3,200
176 JOINT COMMAND AND CONTROL PROGRAM (JC2)	3,087	3,087	0	0
Program termination			-3,087	-3,087
179 AIRBORNE SIGINT ENTERPRISE	176,989	176,989	166,989	166,989
ASIP RQ-4 program delay			-10,000	-10,000
181 ADVANCED GEOSPATIAL INTELLIGENCE	0	0	6,500	5,200
Advanced Technical Intelligence Center (ATIC)			6,500	5,200
183 CYBER SECURITY INITIATIVE	2,065	2,065	7,065	2,065
Cyber Attack and Security Environment (CASE) (Transferred to line number 32)			5,000	0
AIR TRAFFIC CONTROL, APPROACH, & LANDING				
186 SYSTEM (ATC)	9,006	9,006	12,006	11,406
Transportable Transponder Landing System			3,000	2,400

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R-1	Budget Request	House	Senate	Recommendation
200 INTELLIGENCE SUPPORT TO INFORMATION	1,240	2,240	1,240	2,240
Open Source Research Centers		1,000		1,000
202 ENDURANCE UNMANNED AERIAL VEHICLES	73,736	73,736	38,736	48,736
ISIS - authorization adjustment			-35,000	-25,000
203 AIRBORNE RECONNAISSANCE SYSTEMS	143,892	145,892	143,892	145,492
Multiple UAS Cooperative Concentrated Observation and Engagement Against a Common Ground Objective		2,000		1,600
204 MANNED RECONNAISSANCE SYSTEMS	12,846	15,346	12,846	14,846
Rivet Joint Services Oriented Architecture		2,500		2,000
206 PREDATOR UAV (JMIP)	18,101	24,301	22,101	23,776
Predator C		1,500		1,200
Center for UAS Research, Education and Training Infrastructure (Transferred to line number 9)		3,000		0
Program increase		1,700		1,275
Multi Sensor Detect, Sense and Avoid (MSDSA)			4,000	3,200
209 GPS III SPACE SEGMENT	815,095	717,695	425,695	425,695
GPS Control Segment (OCX)		-97,400		0
GPS Control Segment (OCX) (Transferred to line number 209A)			-389,400	-389,400
209A GPS Control Segment (OCX)			292,000	292,000
GPS Control Segment (OCX) (Transferred from line number 209 - reduction due to contract award delay)			292,000	292,000
210 JSPOC MISSION SYSTEM	131,271	131,271	137,271	136,271
Project Karnac - authorization adjustment			6,000	5,000
214 NATIONAL SECURITY SPACE OFFICE	10,634	0	10,634	0
Program transferred to O&M, Defense-Wide		-10,634		-10,634
218 C-130 AIRLIFT SQUADRON	201,250	201,250	182,250	109,250
Funded in prior year reprogramming			-19,000	-19,000
Air Force requested transfer to Aircraft Procurement, Air Force line number 52 for avionics modernization of special mission aircraft				-73,000
219 C-5 AIRLIFT SQUADRONS	95,266	95,266	85,266	85,266
C-5 RERP - program underexecution			-10,000	-10,000
222 LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)	31,784	31,784	26,784	26,784
Program underexecution			-5,000	-5,000
228 SPECIAL TACTICS / COMBAT CONTROL	8,222	10,222	10,222	11,422
BATMAV Program Miniature Digital Data Link		2,000		1,600
Next Generation Simulation Training for Pararescue Forces			2,000	1,600
231 INDUSTRIAL PREPAREDNESS	0	4,000	1,000	4,000
Laser Peening for Friction Stir Welded Aerospace Structures		2,000		1,600
Wire Integrity Technology		2,000		1,600
Mobile Laser Systems for Aircraft Structures (MLSAS)			1,000	800

R-1	Budget Request	House	Senate	Recommendation
<b>233 SUPPORT SYSTEMS DEVELOPMENT</b>	<b>6,288</b>	<b>12,788</b>	<b>38,188</b>	<b>38,258</b>
Accelerator-Driven Non-Destructive Testing		2,000		2,000
ALC Logistics Integration Environment		1,000		800
Demonstration and Validation of Renewable Energy Technology		1,000		800
Technical Order Modernization Environment		1,500		1,200
Mitigating RoHS Lead-Free Issues in Aerospace Circuit Board Manufacturing		1,000		800
Alternative energy research and integration			25,000	18,450
Assessment of Alternative Energy for Aircraft Ground Equipment (AGE)			2,000	1,600
Freedom Fuels/Coal Fuel Alliance			4,900	3,920
Engine Health Management Plus Data Repository Center (Transferred from O&M, Air Force)				2,400
<b>238 JOINT PERSONNEL RECOVERY AGENCY</b>	<b>6,376</b>	<b>6,376</b>	<b>6,376</b>	<b>11,376</b>
Biometric Signature and Passive Physiological Monitoring (Transferred from RDT&E, Army line number 28)				5,000
<b>241 PERSONNEL ADMINISTRATION</b>	<b>10,492</b>	<b>10,492</b>	<b>30,982</b>	<b>30,982</b>
DIMHRS (OSD requested transfer from RDT&E, Defense- Wide line number 117)			20,490	20,490
<b>999 CLASSIFIED PROGRAMS</b>	<b>11,955,084</b>	<b>12,148,484</b>	<b>12,064,884</b>	<b>12,121,644</b>
Classified adjustment		-27,800	-30,200	1,600
Carbon Nanotube Enhanced Power Sources for Space		2,000		1,600
Remote Language-Independent Suspect Identification		3,200		2,560
Close Proximity Space Situational Awareness		1,000		800
Classified Program		215,000	140,000	160,000

## AERIAL REFUELING TANKER PROGRAM

The recommendation includes \$15,000,000 in Research, Development, Test and Evaluation, Air Force for program management and a general provision providing \$291,715,000 in a Tanker Replacement Transfer Fund.

Not later than 10 days after the release of the final request for proposal soliciting bids for an aerial tanker replacement aircraft, the Secretary of the Air Force is directed to submit a report to the congressional defense committees that includes a description of changes from the draft proposal to the final request for proposal and the rationale for each change.

The Secretary of the Air Force is encouraged to pursue tanker recapitalization at a rate of 36 aircraft per year instead of 12 or 15 aircraft in the current plan. This quantity will recapitalize the fleet in one-third the time and allow for a rapid retirement of the aging KC-135 aircraft. Furthermore, a more accelerated procurement strategy will avoid the large sustainment and modernization costs associated with keeping the legacy KC-135 fleet in the inventory longer.

## MODULAR AERIAL SPRAY SYSTEM (MASS) REPLACEMENT

The modular aerial spray system (MASS) is maintained by the Air Force Reserve and is the only fixed-wing aerial spray capability in the Department of the Defense. The current program is over 20 years old and is becoming increasingly difficult to maintain, leading to increased cost and the inability to conduct required missions. There is presently no recapitalization plan to replace the system. The Secretary of the Air Force is encouraged to pursue a recapitalization program in order to maintain this needed capability.

## EVOLVED EXPENDABLE LAUNCH VEHICLE COMMON UPPER STAGE

The recommendation includes \$20,000,000 to study options and begin research and development to achieve a common upper stage between the Atlas and Delta launch vehicle families. The Air Force is urged to develop a process to modify Delta IV RL-10 upper stage engines to the Atlas V RL-10 configuration to enable more efficient use of the existing RL-10 inventory. The study shall also investigate how to modify the upper stage(s) to enable Centaur and the Delta Cryogenic Second Stage to use a common RL-10 engine and other potential modifications to achieve a truly common upper stage.

## EVOLVED EXPENDABLE LAUNCH VEHICLE SUSTAINMENT PLAN

The Secretary of the Air Force, in consultation with the Director of the National Reconnaissance Office, is directed to submit an Evolved Expendable Launch Vehicle sustainment plan as described in House Report 111-230 to the congressional defense committees with the fiscal year 2011 budget submission.

## 15-YEAR SPACE SYSTEM INVESTMENT STRATEGY

The recommendation supports language on a long-term space system investment strategy as described in House Report 111-230. The investment strategy is directed to span 15 years rather than the originally proposed 30 years. In addition, the Under Secretary of Defense (Acquisition, Technology and Logistics) is directed, in coordination with the Secretary of the Air Force and the Under Secretary of Defense (Intelligence), to deliver this Space System Investment Strategy to the congressional defense committees not later than May 1, 2010. As necessary, the report should contain a classified appendix.

NATIONAL POLAR-ORBITING OPERATIONAL ENVIRONMENTAL SATELLITE  
SYSTEM

There is concern about the executability and management of the National Polar-orbiting Operational Environmental Satellite System (NPOESS) program. Therefore, it is directed that not more than 50 percent of the funds made available to the Department of Defense for the NPOESS program shall be obligated or expended until the Under Secretary of Defense (Acquisition, Technology and Logistics) certifies in writing to the congressional defense committees that the NPOESS program is being executed in support of the requirements, timelines and acquisition policies needed to meet Department of Defense missions.

The Secretary of Defense is directed, in consultation with the National Oceanic and Atmospheric Administration and the National Aeronautics and Space Administration, to perform an independent cost analysis of all recommended programmatic and acquisition alternatives. This analysis shall be submitted to the Committee on Appropriations, Subcommittees on Defense and Commerce, Justice, Science and Related Agencies, of both the House and Senate, in addition to any other congressional oversight committee before any contract changes are signed and any major documents are revised by the government.

## OPERATIONALLY RESPONSIVE SPACE

The Director of the Operationally Responsive Space program office is urged to provide the congressional defense committees with independent cost, schedule and performance estimates prior to initiating any satellite development activity.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION,

DEFENSE-WIDE

For Research, Development, Test and Evaluation, Defense-Wide,

funds are to be available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DEFENSE-WIDE</b>				
<b>BASIC RESEARCH</b>				
1 DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH..	48,544	48,544	33,544	41,044
2 DEFENSE RESEARCH SCIENCES.....	226,125	242,825	194,218	206,778
3 GOVT/INDUSTRY COSPONSORSHIP OF UNIVERSITY RESEARCH....	---	5,000	---	4,800
5 NATIONAL DEFENSE EDUCATION PROGRAM.....	89,980	89,980	69,980	79,980
6 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	58,974	79,474	67,874	79,094
<b>TOTAL, BASIC RESEARCH.....</b>	<b>423,623</b>	<b>465,823</b>	<b>365,616</b>	<b>411,696</b>
<b>APPLIED RESEARCH</b>				
7 INSENSITIVE MUNITIONS--EXPLORATORY DEVELOPMENT.....	22,669	18,961	15,112	18,961
9 HISTORICALLY BLACK COLLEGES & UNIV (HBCU) SCIENCE.....	15,164	65,521	18,464	67,096
10 LINCOLN LABORATORY RESEARCH PROGRAM.....	34,034	34,034	34,034	34,034
11 INFORMATION AND COMMUNICATIONS TECHNOLOGY.....	282,749	285,749	255,931	273,331
12 COGNITIVE COMPUTING SYSTEMS.....	142,840	144,840	142,840	144,840
13 BIOLOGICAL WARFARE DEFENSE.....	40,587	40,587	40,587	40,587
14 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	209,072	226,572	215,972	225,772
15 JOINT DATA MANAGEMENT ADVANCED DEVELOPMENT.....	4,940	4,940	---	---
16 HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) APP	9,446	9,446	7,946	7,946
17 TACTICAL TECHNOLOGY.....	276,075	276,075	241,125	249,725
18 MATERIALS AND BIOLOGICAL TECHNOLOGY.....	268,859	268,959	272,359	271,339
19 ELECTRONICS TECHNOLOGY.....	223,841	225,841	170,154	180,154
20 WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES.....	219,130	220,630	221,530	222,250
21 SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT.....	27,384	33,884	24,884	30,734
22 SOF MEDICAL TECHNOLOGY DEVELOPMENT.....	---	3,000	---	2,400
<b>TOTAL, APPLIED RESEARCH.....</b>	<b>1,776,790</b>	<b>1,861,039</b>	<b>1,660,938</b>	<b>1,769,169</b>

(In thousands of dollars)

	Budget	House	Senate	Recommendation
ADVANCED TECHNOLOGY DEVELOPMENT				
23 JOINT MUNITIONS ADVANCED TECH INSENSITIVE MUNITIONS AD	23,538	16,754	10,428	13,644
24 SO/LIC ADVANCED DEVELOPMENT.....	43,808	43,808	43,808	43,808
25 COMBATING TERRORISM TECHNOLOGY SUPPORT.....	81,868	102,368	106,268	118,108
26 COUNTERPROLIFERATION INITIATIVES--PROLIF PREV & DEFEAT	233,203	241,203	233,203	239,923
27 BALLISTIC MISSILE DEFENSE TECHNOLOGY.....	109,760	109,760	104,760	190,260
28 JOINT ADVANCED CONCEPTS.....	7,817	3,909	7,817	3,909
29 JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT.....	23,276	23,276	23,276	23,276
30 ADVANCED AEROSPACE SYSTEMS.....	338,360	338,360	249,360	259,360
31 SPACE PROGRAMS AND TECHNOLOGY.....	200,612	202,612	189,312	190,912
32 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEV	282,235	297,735	296,235	300,935
33 JOINT ELECTRONIC ADVANCED TECHNOLOGY.....	10,838	10,838	10,838	10,838
34 JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS.....	198,352	202,352	143,467	169,952
35 NETWORKED COMMUNICATIONS CAPABILITIES.....	28,212	28,212	28,212	28,212
36 JOINT DATA MANAGEMENT RESEARCH.....	4,935	4,935	4,935	4,935
37 BIOMETRICS SCIENCE AND TECHNOLOGY.....	10,993	10,993	10,993	10,993
38 HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) ADV	11,480	11,480	9,980	10,480
39 DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROG	14,638	16,638	24,638	23,738
40 JOINT ROBOTICS PROGRAM/AUTONOMOUS SYSTEMS.....	9,110	11,610	9,110	11,110
41 GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS.....	19,043	34,043	42,643	52,123
42 DEPLOYMENT AND DISTRIBUTION ENTERPRISE TECHNOLOGY.....	29,356	29,356	29,356	29,356
43 STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM.....	69,175	69,175	67,675	67,675
44 MICROELECTRONIC TECHNOLOGY DEVELOPMENT AND SUPPORT....	26,310	51,810	55,210	70,830
45 JOINT WARFIGHTING PROGRAM.....	11,135	11,135	11,135	11,135
46 ADVANCED ELECTRONICS TECHNOLOGIES.....	205,912	207,912	179,907	194,907
47 SYNTHETIC APERTURE RADAR (SAR) COHERENT CHANGE DETECT.	4,864	4,864	4,864	4,864
49 HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM.....	221,286	221,286	245,186	237,406
50 COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS.....	293,476	293,476	270,326	270,326
52 CLASSIFIED DARPA PROGRAMS.....	186,526	186,526	178,326	178,326
53 NETWORK-CENTRIC WARFARE TECHNOLOGY.....	135,941	135,941	135,941	138,941

(In thousands of dollars)

	Budget	House	Senate	Recommendation
54 SENSOR TECHNOLOGY.....	243,056	243,056	223,800	223,800
55 GUIDANCE TECHNOLOGY.....	37,040	37,040	37,040	37,040
56 DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT..	13,822	13,822	13,822	13,822
57 SOFTWARE ENGINEERING INSTITUTE.....	31,298	31,298	31,298	31,298
59 QUICK REACTION SPECIAL PROJECTS.....	107,984	92,984	69,484	74,184
60 JOINT EXPERIMENTATION.....	124,480	107,380	109,480	106,800
61 JOINT WARGAMING SIMULATION MANAGEMENT OFFICE.....	38,505	38,505	34,505	34,505
62 TEST & EVALUATION SCIENCE & TECHNOLOGY.....	95,734	95,734	95,734	95,734
63 TECHNOLOGY TRANSFER.....	2,219	12,219	8,319	13,669
65 SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT....	31,675	57,175	36,975	56,965
66 SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT....	3,544	3,544	3,544	3,544
67 SOF INFORMATION & BROADCAST SYSTEMS ADVANCED TECHNOLOG	4,988	4,988	4,988	4,988
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	3,570,404	3,660,112	3,396,198	3,606,631
DEMONSTRATION & VALIDATION				
68 NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT..	36,019	39,019	46,219	46,179
70 RETRACT LARCH.....	21,718	21,718	37,218	21,718
71 JOINT ROBOTICS PROGRAM.....	11,803	15,803	11,803	15,403
72 ADVANCE SENSOR APPLICATIONS PROGRAM.....	17,771	17,771	17,771	17,771
73 ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM	31,613	36,613	37,013	41,113
74 BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT....	719,465	719,465	719,465	719,465
75 BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT...	982,922	982,922	1,032,922	1,032,922
76 BALLISTIC MISSILE DEFENSE BOOST DEFENSE SEGMENT.....	186,697	186,697	186,697	183,297
77 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	205,952	210,952	205,952	210,152
78 BALLISTIC MISSILE DEFENSE SENSORS.....	636,856	636,856	626,856	624,156
79 BALLISTIC MISSILE DEFENSE SYSTEM INTERCEPTOR.....	---	80,000	---	---
80 BALLISTIC MISSILE DEFENSE TEST & TARGETS.....	966,752	940,752	778,652	827,752
81 BALLISTIC MISSILE DEFENSE SYSTEMS CORE.....	369,145	358,645	358,145	360,645
82 SPECIAL PROGRAMS - MDA.....	301,566	286,566	251,566	251,566
83 AEGIS BMD.....	1,690,758	1,670,758	1,468,358	1,443,358
183 AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT.....	---	---	257,400	257,400

(In thousands of dollars)

	Budget	House	Senate	Recommendation
84 SPACE SURVEILLANCE & TRACKING SYSTEM.....	180,000	160,000	173,200	162,500
86 BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS.....	12,549	12,549	12,549	12,549
87 BALLISTIC MISSILE DEFENSE C2BMC.....	340,014	340,014	340,014	336,514
88 BALLISTIC MISSILE DEFENSE HERCULES.....	48,186	48,186	48,186	48,186
89 BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT....	60,921	61,421	60,921	61,421
90 BALLISTIC MISSILE DEFENSE JOINT NATIONAL INTERGRATION.	86,949	86,949	86,949	86,949
91 REGARDING TRENCH.....	6,164	6,164	6,164	6,164
92 SEA BASED X-BAND RADAR (SBX).....	174,576	161,576	174,576	168,076
95 BMD EUROPEAN CAPABILITY.....	50,504	50,504	50,504	50,504
97 ISRAELI COOPERATIVE PROGRAMS.....	119,634	202,434	202,434	202,434
98 HUMANITARIAN DEMINING.....	14,687	14,687	14,687	14,687
99 COALITION WARFARE.....	13,885	13,885	13,885	13,885
100 DEPARTMENT OF DEFENSE CORROSION PROGRAM.....	4,887	6,387	21,487	22,287
101 DOD UNMANNED AIRCRAFT SYSTEM (UAS) COMMON DEVELOPMENT.	55,289	65,289	55,289	61,289
102 JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS.....	18,577	3,577	18,577	11,077
103 HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) RES	7,006	7,006	7,006	7,006
104 JOINT SYSTEMS INTEGRATION COMMAND (JSIC).....	19,744	19,744	19,744	19,744
105 JOINT FIRES INTEGRATION & INTEROPERABILITY TEAM.....	16,972	16,972	16,972	16,972
106 REDUCTION OF TOTAL OWNERSHIP COST.....	24,647	24,647	24,647	24,647
107 JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM.....	3,949	6,949	3,949	6,349
108 DEFENSE ACQUISITION CHALLENGE PROGRAM (DACP).....	28,862	28,862	28,862	28,862
109 NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT .	7,628	7,628	7,628	7,628
110 PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT.....	166,913	166,913	166,913	166,913
TOTAL, DEMONSTRATION & VALIDATION.....	7,641,580	7,716,880	7,591,180	7,589,540
ENGINEERING & MANUFACTURING DEVELOPMENT				
111 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	332,895	339,895	296,595	301,575
112 JOINT ROBOTICS PROGRAM.....	5,127	5,127	5,127	5,127
113 ADVANCED IT SERVICES JOINT PROGRAM OFFICE (AITS-JPO)..	39,911	39,911	15,157	15,157
114 JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	20,633	20,633	20,633	20,633

(In thousands of dollars)

	Budget	House	Senate	Recommendation
115 WEAPONS OF MASS DESTRUCTION DEFEAT CAPABILITIES.....	8,735	8,735	9,735	9,535
116 INFORMATION TECHNOLOGY DEVELOPMENT.....	11,705	15,205	11,705	14,505
117 DEFENSE INTEGRATED MILITARY HUMAN RESOURCES SYSTEM....	70,000	70,000	18,710	18,710
118 BUSINESS TRANSFORMATION AGENCY R&D ACTIVITIES.....	197,008	197,008	192,508	192,508
119 HOMELAND PERSONNEL SECURITY INITIATIVE.....	395	395	395	395
120 OUSD(C) IT DEVELOPMENT INITIATIVES.....	5,000	5,000	5,000	5,000
121 TRUSTED FOUNDRY.....	41,223	41,223	51,223	51,223
122 DEFENSE ACQUISITION EXECUTIVE (DAE) PILOT PROGRAM.....	4,267	4,267	4,267	4,267
123 GLOBAL COMBAT SUPPORT SYSTEM.....	18,431	18,431	18,431	18,431
124 JOINT COMMAND AND CONTROL PROGRAM (JC2).....	49,047	49,047	---	---
125 WOUNDED ILL AND INJURED SENIOR OVERSIGHT COMMITTEE OFF	1,609	1,609	1,609	1,609
<b>TOTAL, ENGINEERING &amp; MANUFACTURING DEVELOPMENT.....</b>	<b>805,986</b>	<b>816,486</b>	<b>651,095</b>	<b>658,675</b>
RDT&E MANAGEMENT SUPPORT				
126 GENERIC LOGISTICS TECHNOLOGY DEMONSTRATIONS.....	---	2,000	---	---
127 DEFENSE READINESS REPORTING SYSTEM (DRRS).....	13,121	16,121	13,121	15,371
128 JOINT SYSTEMS ARCHITECTURE DEVELOPMENT.....	15,247	15,247	7,430	11,339
129 CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT....	145,052	152,552	157,452	162,272
130 THERMAL VICAR.....	9,045	12,045	9,045	11,445
131 JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC).....	9,455	9,455	9,455	9,455
132 TECHNICAL STUDIES, SUPPORT AND ANALYSIS.....	44,760	44,760	44,760	44,760
133 USD(A&T)--CRITICAL TECHNOLOGY SUPPORT.....	4,914	4,914	4,914	4,914
134 FOREIGN MATERIAL ACQUISITION AND EXPLOITATION.....	94,921	94,921	94,921	94,921
135 JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION....	96,909	96,909	96,909	96,909
136 CLASSIFIED PROGRAM USD(P).....	---	95,637	95,637	95,637
137 FOREIGN COMPARATIVE TESTING.....	35,054	35,054	35,054	35,054
138 NUCLEAR MATTERS - PHYSICAL SECURITY.....	6,474	6,474	6,474	6,474
139 SUPPORT TO NETWORKS AND INFORMATION INTEGRATION.....	14,916	14,916	14,916	14,916
140 GENERAL SUPPORT TO USD (INTELLIGENCE).....	5,888	5,888	5,888	5,888
141 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	106,477	106,477	106,477	106,477
147 SMALL BUSINESS INNOVATION RESEARCH/CHALLENGE ADMINISTR	2,163	3,163	4,063	4,683

(In thousands of dollars)

	Budget	House	Senate	Recommendation
148 DEFENSE TECHNOLOGY ANALYSIS.....	11,005	11,805	11,005	11,805
150 FORCE TRANSFORMATION DIRECTORATE.....	19,981	24,981	19,981	23,981
151 DEFENSE TECHNICAL INFORMATION CENTER (DTIC).....	54,411	49,411	54,411	49,411
152 R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION	19,554	19,554	19,554	19,554
153 DEVELOPMENT TEST AND EVALUATION.....	23,512	23,512	23,512	23,512
154 DARPA AGENCY RELOCATION.....	45,000	45,000	15,000	45,000
155 MANAGEMENT HEADQUARTERS (RESEARCH & DEVELOPMENT).....	51,055	51,055	51,055	51,055
156 BUDGET AND PROGRAM ASSESSMENTS.....	5,929	5,929	5,929	5,929
157 AVIATION SAFETY TECHNOLOGIES.....	8,000	8,000	8,000	8,000
158 JOINT STAFF ANALYTICAL SUPPORT.....	1,250	1,250	1,250	1,250
161 SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES...	30,604	25,904	36,504	30,624
162 INFORMATION TECHNOLOGY RAPID ACQUISITION.....	4,667	4,667	4,667	4,667
163 CYBER SECURITY INITIATIVE.....	50,000	50,000	50,000	50,000
164 INTELLIGENCE SUPPORT TO INFORMATION OPERATIONS (IO)...	20,648	22,648	20,648	20,648
166 WARFIGHTING AND INTELLIGENCE-RELATED SUPPORT.....	829	829	829	829
167 COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION.	34,306	34,306	41,806	40,706
168 PENTAGON RESERVATION.....	19,709	---	19,709	19,709
169 MANAGEMENT HEADQUARTERS - MDA.....	57,403	52,403	57,403	52,403
170 IT SOFTWARE DEV INITIATIVES.....	980	980	980	980
TOTAL, RDT&E MANAGEMENT SUPPORT.....	1,063,239	1,148,767	1,148,759	1,180,578
OPERATIONAL SYSTEMS DEVELOPMENT				
171 DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS).....	1,384	1,384	1,384	1,384
172 REGIONAL INTERNATIONAL OUTREACH & PARTNERSHIP FOR PEAC	2,001	2,001	2,001	2,001
173 OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SY	292	292	292	292
174 CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS D	6,198	6,198	6,198	6,198
175 JOINT INTEGRATION AND INTEROPERABILITY.....	46,214	46,214	46,214	46,214
177 CLASSIFIED PROGRAMS.....	2,179	2,179	2,179	2,179
178 C4I INTEROPERABILITY.....	74,786	74,786	74,786	74,786
180 JOINT/ALLIED COALITION INFORMATION SHARING.....	10,767	10,767	10,767	10,767

(In thousands of dollars)

	Budget	House	Senate	Recommendation
187 NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT.....	548	548	548	548
188 DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATIO	17,655	17,655	17,655	17,655
189 LONG HAUL COMMUNICATIONS (DCS).....	9,406	9,406	9,406	9,406
190 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK....	9,830	9,830	9,830	9,830
191 PUBLIC KEY INFRASTRUCTURE (PKI).....	8,116	8,116	8,116	8,116
192 KEY MANAGEMENT INFRASTRUCTURE (KMI).....	41,002	41,002	41,002	41,002
193 INFORMATION SYSTEMS SECURITY PROGRAM.....	13,477	13,477	15,477	15,077
194 INFORMATION SYSTEMS SECURITY PROGRAM.....	408,316	408,316	408,316	408,316
196 DISA MISSION SUPPORT OPERATIONS.....	1,205	1,205	1,205	1,205
197 C4I FOR THE WARRIOR.....	4,098	4,098	4,098	4,098
198 GLOBAL COMMAND AND CONTROL SYSTEM.....	23,761	23,761	34,761	34,761
199 JOINT SPECTRUM CENTER.....	18,944	18,944	18,944	18,944
200 NET-CENTRIC ENTERPRISE SERVICES (NCES).....	1,782	1,782	1,782	1,782
201 JOINT MILITARY DECEPTION INITIATIVE.....	942	942	942	942
202 TELEPORT PROGRAM.....	5,239	5,239	5,239	5,239
203 SPECIAL APPLICATIONS FOR CONTINGENCIES.....	16,381	30,381	16,381	27,581
206 CYBER SECURITY INITIATIVE.....	993	993	993	993
208 CYBER SECURITY INITIATIVE.....	10,080	10,080	10,080	10,080
209 CRITICAL INFRASTRUCTURE PROTECTION (CIP).....	12,725	12,725	17,725	16,725
215 POLICY R&D PROGRAMS.....	6,948	6,948	6,948	6,948
217 NET CENTRICITY.....	1,479	1,479	1,479	1,479
221 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	1,407	9,407	1,407	7,407
224 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	3,158	3,158	3,158	3,158
226 MQ-1 PREDATOR A UAV.....	2,067	2,067	2,067	2,067
228 HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM.....	2,963	2,963	2,963	2,963
229 INT'L INTELLIGENCE TECHNOLOGY ASSESSMENT, ADVANCEMENT.	1,389	1,389	1,389	1,389
238 INDUSTRIAL PREPAREDNESS.....	20,514	28,014	50,514	46,514
239 LOGISTICS SUPPORT ACTIVITIES.....	2,798	2,798	2,798	2,798
240 MANAGEMENT HEADQUARTERS (JCS).....	8,303	8,303	8,303	8,303
241 NATO AGS.....	74,485	74,485	66,485	69,485

(In thousands of dollars)

	Budget	House	Senate	Recommendation
242 MQ-9 UAV.....	4,380	4,380	4,380	4,380
245 SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT.....	82,621	74,121	67,592	72,612
246 SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT.....	6,182	2,594	7,494	6,874
247 SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT...	21,273	21,780	36,173	41,393
248 SOF OPERATIONAL ENHANCEMENTS.....	60,310	64,310	60,310	63,310
249 SPECIAL OPERATIONS CV-22 DEVELOPMENT.....	12,687	12,687	12,687	12,687
250 JOINT MULTI-MISSION SUBMERSIBLE.....	43,412	23,412	43,412	33,412
252 OPS ADVANCED SEAL DELIVERY SYSTEM (ASDS) DEVELOPMENT..	1,321	3,500	1,600	3,500
253 MISSION TRAINING AND PREPARATION SYSTEMS (MTPS).....	3,192	3,192	3,192	3,192
254 UNMANNED VEHICLES (UV).....	---	1,000	---	1,000
255 MC130J SOF TANKER RECAPITALIZATION.....	5,957	5,957	5,957	5,957
256 SOF COMMUNICATIONS EQUIPMENT AND ELECTRONICS SYSTEMS..	733	733	733	733
257 SOF TACTICAL RADIO SYSTEMS.....	2,368	2,368	2,368	2,368
258 SOF WEAPONS SYSTEMS.....	1,081	1,081	1,081	1,081
259 SOF SOLDIER PROTECTION AND SURVIVAL SYSTEMS.....	597	597	597	597
260 SOF VISUAL AUGMENTATION, LASERS & SENSOR SYSTEMS.....	3,369	6,869	6,369	8,569
261 SOF TACTICAL VEHICLES.....	1,973	1,973	1,973	1,973
262 SOF ROTARY WING AVIATION.....	18,863	18,863	18,863	18,863
263 SOF UNDERWATER SYSTEMS.....	3,452	13,000	12,452	18,852
264 SOF SURFACE CRAFT.....	12,250	10,000	12,250	10,000
265 SOF PSYOP.....	9,887	9,887	9,887	9,887
266 SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES.....	4,944	4,944	4,944	4,944
267 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE.....	11,547	11,547	11,547	11,547
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	1,186,231	1,202,127	1,239,693	1,266,363
999 CLASSIFIED PROGRAMS.....	4,273,689	4,050,489	4,355,489	4,264,429
DARPA UNDISTRIBUTED REDUCTION.....	---	-200,000	---	---
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, DEF-WIDE.	20,741,542	20,721,723	20,408,968	20,747,081

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

<b>R-1</b>	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC</b>				
<b>1 RESEARCH</b>	<b>48,544</b>	<b>48,544</b>	<b>33,544</b>	<b>41,044</b>
Excessive growth ahead of program assessment			-15,000	-7,500
<b>2 DEFENSE RESEARCH SCIENCES</b>	<b>226,125</b>	<b>242,825</b>	<b>194,218</b>	<b>206,778</b>
Laboratory for Advanced Photonic Composites Research		1,600		1,280
Hydrogen Fuel Cell Research		4,000		4,000
Institute for Collaborative Sciences Research		2,600		2,080
Science, Technology, Engineering and Mathematics Initiative		2,000		1,600
Solid Oxide Fuel Technology		1,000		1,000
American Museum of Natural History Infectious Disease Research		1,500		1,200
Countermeasures to Combat Protozoan Parasites (Toxoplasmosis and Malaria)		2,000		1,600
UAV Systems and Operations Validation Program (Transferred to line number 129)		2,000		0
Fiscal year 2009 new start execution delays			-16,750	-16,750
Reduction to requested fiscal year 2010 new starts			-20,057	-20,057
Advanced Materials Research Institute (AMRI)			1,000	800
Security Protection using Ballistic CORE Technology			3,900	3,900
<b>3 GOVERNMENT/INDUSTRY COSPONSORSHIP OF UNIVERSITY RESEARCH</b>	<b>0</b>	<b>5,000</b>	<b>0</b>	<b>4,800</b>
High Efficiency Solar Energy Generation and Storage		1,000		800
Integrated Cryo-cooled High Power Density Systems		4,000		3,200
Center for Research on Minority Health Prostate Cancer Outreach Project		1,000		800
<b>5 NATIONAL DEFENSE EDUCATION PROGRAM</b>	<b>89,980</b>	<b>89,980</b>	<b>69,980</b>	<b>79,980</b>
Premature funding increase			-20,000	-10,000
<b>6 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM</b>	<b>58,974</b>	<b>79,474</b>	<b>67,874</b>	<b>79,094</b>
Joint Services Aircrew Mask Don/Doff Inflight (Transferred to line number 111)		1,500		0
Advanced Development of Antiviral Prophylactics and Therapeutics		3,000		3,000
Countermeasures to Chemical and Biological Controls-Rapid Response		3,500		2,800
MEMS Sensors for Real-Time Sensing of Weaponized Pathogens		2,500		2,000
Mismatch Repair Driven Antibody Medicines to Treat Staphylococcus-derived Bioweapons		1,000		1,000
Portable Rapid Bacterial Warfare Detection Unit		4,000	5,000	4,000
Potent Human Monoclonal Antibodies Against BoNT A, B and E Suited for Mass Production and Treatment of Large Populations		1,000		1,000
Synchrotron Beamline Experimental Station		4,000		3,200
High Speed, High Volume Laboratory Network for Infectious Disease			2,000	1,600
InVitro Models for Biodefense Vaccines			1,900	1,520

R-1		Budget Request	House	Senate	Recommendation
	<b>INSENSITIVE MUNITIONS--EXPLORATORY</b>				
7	<b>DEVELOPMENT</b>	22,669	18,961	15,112	18,961
	Partial Program growth reduction		-3,708		-3,708
	P-204 - new start			-7,557	0
	<b>HISTORICALLY BLACK COLLEGES &amp; UNIVERSITIES</b>				
9	<b>(HBCU) SCIENCE</b>	15,164	65,521	18,464	67,096
	Reappropriation of fiscal year 2008 account level		34,457		34,457
	Program Increase		9,400		9,400
	Active Duty Training and Education Program		2,000		2,000
	Morehouse College, John H. Hopps Defense Research Scholars Program		3,000		2,400
	Thurgood Marshall College Fund Defense Leadership and Technology Initiative		1,500		1,200
	Instrumentation Program for Tribal Colleges			3,300	2,475
11	<b>INFORMATION AND COMMUNICATIONS TECHNOLOGY</b>	282,749	285,749	255,931	273,331
	High Speed Optical Interconnects for Next Generation Supercomputing		1,500		1,200
	Intelligent Remote Sensing for Urban Warfare Operations II		1,500		1,200
	Fiscal year 2009 new start execution delays			-8,196	-8,196
	Reduction to requested fiscal year 2010 new starts			-18,622	-18,622
	Fiscal year 2010 new starts				15,000
12	<b>COGNITIVE COMPUTING SYSTEMS</b>	142,840	144,840	142,840	144,840
	BioButanol Production Research		2,000		2,000
14	<b>CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM</b>	209,072	226,572	215,972	225,772
	Self-decontaminating Polymer System for Chemical and Biological Warfare Agents (Transferred to line number 111)		3,500		0
	Botulinum Neurotoxin Research		2,500		2,000
	Botulinum Toxin Treatment Therapy		1,000		800
	Chemical and Biological Agent Fate Appropriate Response Operational Tool		2,000		1,600
	Chemical and Biological Resistant Clothing		2,000		1,600
	Anti-viral vaccine development		4,500	1,000	3,600
	Miniaturized Chemical Detector for Chemical Warfare Protection		2,000		1,600
	Chemical and Biological Infrared Detection System			1,900	1,900
	Contaminated Human Remains Pouch			2,000	1,600
	PaintShield for Protecting People from Microbial Threats			2,000	2,000
	<b>JOINT DATA MANAGEMENT ADVANCED</b>				
15	<b>DEVELOPMENT</b>	4,940	4,940	0	0
	Redundancy with other DoD programs			-4,940	-4,940
	<b>HUMAN, SOCIAL AND CULTURE BEHAVIOR</b>				
16	<b>MODELING (HSCB) APP</b>	9,446	9,446	7,946	7,946
	Unexecutable growth			-1,500	-1,500

R-1	Budget Request	House	Senate	Recommendation
<b>17 TACTICAL TECHNOLOGY</b>	<b>276,075</b>	<b>278,075</b>	<b>241,125</b>	<b>249,725</b>
Sea Catcher UAS Launch and Recovery System		2,000		1,600
Fiscal year 2009 new start execution delays			-31,950	-31,950
Reduction to requested fiscal year 2010 new starts			-24,000	-24,000
Fiscal year 2010 new starts			12,000	20,000
Center of Excellence for Research in Ocean Sciences (CEROS)			9,000	8,000
<b>18 MATERIALS AND BIOLOGICAL TECHNOLOGY</b>	<b>268,859</b>	<b>268,959</b>	<b>272,359</b>	<b>271,339</b>
Moldable Fabric Armor (Transferred to RDT&E, Army line number 5)		2,800		0
Photovoltaic Ribbon Solar Cell Technology Project		3,600		2,880
Center for Nonproliferation Studies, Monterey Institute for International Affairs		2,000		1,600
Bioinspired Sensors - excessive program growth		-5,000		-5,000
Biological Interfaces - excessive program growth		-3,300		0
Fiscal year 2009 new start execution delays			-2,000	-2,000
Strategic Materials			5,500	5,000
<b>19 ELECTRONICS TECHNOLOGY</b>	<b>223,841</b>	<b>225,841</b>	<b>170,154</b>	<b>180,154</b>
3-D Technology for Advanced Sensor Systems		2,000		2,000
Fiscal year 2009 new start execution delays			-39,500	-39,500
Reduction to requested fiscal year 2010 new starts			-26,187	-26,187
Fiscal year 2010 new starts			12,000	20,000
<b>WEAPONS OF MASS DESTRUCTION DEFEAT</b>				
<b>20 TECHNOLOGIES</b>	<b>219,130</b>	<b>220,630</b>	<b>221,530</b>	<b>222,250</b>
National Center for Blast Mitigation		1,500		1,200
University Strategic Partnership			2,400	1,920
<b>21 SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT</b>	<b>27,384</b>	<b>33,884</b>	<b>24,884</b>	<b>30,734</b>
Flashlight Soldier-to-Soldier Combat Identification System		4,500	2,000	4,500
United States Special Operations Command - USSOCOM / STAR-TEC Partnership Program		2,000		1,600
REITS unjustified new starts			-4,500	-2,750
<b>22 SOF MEDICAL TECHNOLOGY DEVELOPMENT</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>2,400</b>
Personalized Medicine Initiative		3,000		2,400
<b>JOINT MUNITIONS ADVANCED TECHNOLOGY,</b>				
<b>23 INSENSITIVE MUNITIONS - ADVANCED</b>	<b>23,538</b>	<b>16,754</b>	<b>10,428</b>	<b>13,644</b>
Partial Program growth reduction		-6,784	-10,000	-6,784
P301 new start			-3,110	-3,110
<b>25 COMBATING TERRORISM TECHNOLOGY SUPPORT</b>	<b>81,868</b>	<b>102,368</b>	<b>106,268</b>	<b>118,108</b>
Affordable Robust Mid-Sized Unmanned Ground Vehicle		2,000		1,600
Comprehensive and Integrated Procedures for Risk Assessment and Resource Allocation		2,500		2,000
Facility Security Using Tactical Surveys		4,500		3,600
Integrated Rugged Checkpoint Container		2,500	1,600	2,000
Low Cost Stabilized Turret		1,000		800
Military/Law Enforcement Counterterrorism Test Bed		3,000		2,400
Radio Inter-Operability System		2,000		1,600
Ultra Low Profile EARS Gunshot Localization System		1,500		1,200
Remote VBIED Detection and Defeat System		1,500		1,200



R-1		Budget Request	House	Senate	Recommendation
	Army Plant Vaccine Development Program			2,000	1,600
	Center for Advanced Emergency Response (Transferred to RDT&E, Army line number 28)			5,000	0
	NIDS Handheld Common Identifier for Biological Agents			3,000	2,400
	Water Purification System for Natural Disasters			1,000	800
<b>34</b>	<b>JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS</b>	<b>198,352</b>	<b>202,352</b>	<b>143,467</b>	<b>169,952</b>
	Distributed Network Switching and Security		2,000		1,600
	High Accuracy Network Determination System - Intelligent Optical Networks (Transferred to RDT&E, Air Force line number 73)		2,000		0
	Fiscal year 2010 JCTD New Starts			-54,885	-30,000
	<b>HUMAN, SOCIAL AND CULTURE BEHAVIOR</b>				
<b>38</b>	<b>MODELING (HSCB) ADVANCED DEVELOPMENT</b>	<b>11,480</b>	<b>11,480</b>	<b>9,980</b>	<b>10,480</b>
	Unexecutable growth			-1,500	-1,000
	<b>DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM</b>				
<b>39</b>	<b>TECHNOLOGY PROGRAM</b>	<b>14,638</b>	<b>16,638</b>	<b>24,638</b>	<b>23,738</b>
	California Enhanced Defense Small Manufacturing Suppliers Program		2,000		1,600
	High Performance Manufacturing Technology Initiative			10,000	7,500
	<b>JOINT ROBOTICS PROGRAM/AUTONOMOUS SYSTEMS</b>				
<b>40</b>	<b>SYSTEMS</b>	<b>9,110</b>	<b>11,610</b>	<b>9,110</b>	<b>11,110</b>
	Autonomous Control and Video Sensing for Robots		1,000		800
	Battle-Proven Packbot		1,500		1,200
	<b>GENERIC LOGISTICS R&amp;D TECHNOLOGY DEMONSTRATIONS</b>				
<b>41</b>	<b>DEMONSTRATIONS</b>	<b>19,043</b>	<b>34,043</b>	<b>42,643</b>	<b>52,123</b>
	Aging Systems Sustainment and Enabling Technologies		3,000		2,400
	Progressive Research for Sustainable Manufacturing		1,500		1,200
	Reduced Cost Supply Readiness		1,500		1,200
	Alternative Energy from Organic Sources		6,000		6,000
	Cellulosic-Derived Biofuels Research		3,000		2,400
	Biofuels Program			2,000	1,600
	Commodity Management Systems Consolidation Program			2,000	1,600
	Continuous Acquisition and Life-Cycle Support (CALIS)				
	Integrated Data Environment and Defense Logistics Enterprise Services Program (DLES)			4,000	3,200
	Fuel Cell Hybrid Battery Manufacturing for Defense Operations			1,000	800
	Fuelcell Locomotive			3,000	2,400
	Next Generation Manufacturing Technologies Initiative			2,000	1,600
	Vehicle Fuel Cell and Hydrogen Logistics Program			8,000	6,400
	Woody Biomass Conversion to JP-8 Fuel			1,600	1,280
	Radio Frequency Identification Technologies (Transferred from line number 63 and RDT&E, Navy line number 61)				1,000
<b>43</b>	<b>STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM</b>	<b>69,175</b>	<b>69,175</b>	<b>67,675</b>	<b>67,675</b>
	Execution adjustment			-1,500	-1,500

R-1	Budget Request	House	Senate	Recommendation
<b>MICROELECTRONIC TECHNOLOGY DEVELOPMENT</b>				
<b>44 AND SUPPORT</b>	<b>26,310</b>	<b>51,810</b>	<b>55,210</b>	<b>70,830</b>
3-D Electronics and Power		6,000		4,800
AESA Technology Insertion Program		3,000		2,400
Carbon Nanotube Thin Film Near Infrared Detector		2,000		1,600
End to End Semi Fab Alpha Tool		2,000		1,600
Feature Size Yield Enhancement Advanced Reconfigurable Manufacturing for Semiconductors Foundry		3,000		2,400
Heterogeneous Gallium Nitride/Silicon Microcircuit Technology		2,000		1,600
Spintronics Memory Storage Technology		3,500		2,800
Superconducting Quantum Information Technology		1,000		800
X-Band/W-Band Solid State Power Amplifier		1,000		1,000
Semiconductor Photomask Technology Infrastructure Initiative		2,000		1,600
Electronics and Materials for Flexible Sensors and Transponders (EMFST)			6,000	4,800
High Performance Tunable Materials - Combinatorial Development of Advanced Dielectrics			4,500	3,600
Shipping Container Security System Field Evaluation			4,500	3,600
Smart Bomb Targeting Radar System			2,900	2,320
Tunable MicroRadio for Military Systems			7,000	5,600
Vehicle and Dismount Exploitation Radar (VADER)			4,000	4,000
<b>46 ADVANCED ELECTRONICS TECHNOLOGIES</b>	<b>205,912</b>	<b>207,912</b>	<b>179,907</b>	<b>194,907</b>
Hybrid Power Generating System		2,000		0
Fiscal year 2009 new start execution delays			-11,000	-11,000
Reduction to requested fiscal year 2010 new starts			-22,005	-22,005
Institute of Advanced Flexible Manufacturing Systems			7,000	7,000
Fiscal year 2010 new starts				15,000
<b>HIGH PERFORMANCE COMPUTING MODERNIZATION</b>				
<b>49 PROGRAM</b>	<b>221,286</b>	<b>221,286</b>	<b>245,186</b>	<b>237,406</b>
Program adjustment			20,000	13,000
High Performance Computational Design of Novel Materials			3,900	3,120
<b>COMMAND, CONTROL AND COMMUNICATIONS</b>				
<b>50 SYSTEMS</b>	<b>293,476</b>	<b>293,476</b>	<b>270,326</b>	<b>270,326</b>
Fiscal year 2009 new start execution delays			-2,000	-2,000
CCC-CLS execution delays			-18,150	-18,150
Reduction to requested fiscal year 2010 new starts			-3,000	-3,000
<b>52 CLASSIFIED DARPA PROGRAMS</b>	<b>186,526</b>	<b>186,526</b>	<b>178,326</b>	<b>178,326</b>
Program terminated by DARPA			-8,200	-8,200
<b>53 NETWORK-CENTRIC WARFARE TECHNOLOGY</b>	<b>135,941</b>	<b>135,941</b>	<b>135,941</b>	<b>138,941</b>
Fiscal year 2009 new start execution delays			-9,500	-9,500
Reduction to requested fiscal year 2010 new starts			-2,500	-2,500
Fiscal year 2010 new starts			12,000	15,000
<b>54 SENSOR TECHNOLOGY</b>	<b>243,056</b>	<b>243,056</b>	<b>223,800</b>	<b>223,800</b>
Fiscal year 2009 new start execution delays			-4,256	-4,256
SEN-CLS execution delays			-10,000	-10,000
Reduction to requested fiscal year 2010 new starts			-5,000	-5,000

R-1		Budget Request	House	Senate	Recommendation
59	<b>QUICK REACTION SPECIAL PROJECTS</b>	107,984	92,984	69,484	74,184
	Reduction from Technology Transition Initiative		-15,000		-10,000
	QRF fiscal year 2010 new starts			-15,000	-10,000
	RRF fiscal year 2010 new starts			-25,000	-15,000
	Small Craft Threat Identification Program			1,500	1,200
60	<b>JOINT EXPERIMENTATION</b>	124,480	107,380	109,480	106,800
	Reduction for National Center for Small Unit Excellence		-20,000	-5,000	-10,000
	Tidewater Full Scale Exercise		2,900		2,320
	Unexecutable program growth			-10,000	-10,000
	<b>JOINT WARGAMING SIMULATION MANAGEMENT</b>				
61	<b>OFFICE</b>	38,505	38,505	34,505	34,505
	Unexecutable growth			-4,000	-4,000
63	<b>TECHNOLOGY TRANSFER</b>	2,219	12,219	8,319	13,669
	National Radio Frequency Research, Development and Technology Transfer		5,000	1,400	4,000
	Radio Frequency Identification Technologies (Transferred to line number 41)		1,000		0
	FirstLink Technology Transfer Program		3,000		2,400
	Program Increase		1,000		750
	Center for Innovation at Arlington			2,700	2,700
	MilTech Expansion Program			2,000	1,600
	<b>SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT</b>				
65	<b>DEVELOPMENT</b>	31,675	57,175	36,975	56,965
	Affordable Miniature FOPEN Radar for Special Operations Craft - Riverine		3,500		2,800
	Optical Surveillance Equipment		2,000		2,000
	Field Experiment Program for Special Operations		2,000		1,600
	CBRN Detection Unmanned Aircraft		2,000		1,600
	Intelligence, Surveillance, and Reconnaissance Global Sensors Architecture		2,000		1,600
	Partnership for Defense Innovation Wi-Fi Laboratory Testing and Assessment Center		1,500	3,500	2,800
	Program Increase Helicopter Situational Awareness and Survivability		12,500		10,000
	REITS unjustified new starts			-4,500	-2,750
	Advanced Distributed Aperture System (ADAS)/Hostile Fire Indicating System (HFIS)			1,300	1,040
	Antennas and other CNT Devices for Intelligence/Special Military			3,000	3,000
	Tiger Moth Air-Launched Off Board Sensing Small Unmanned Aerial System			2,000	1,600
	<b>NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT</b>				
68	<b>EQUIPMENT</b>	36,019	39,019	46,219	46,179
	Under-Vehicle Inspection System		3,000	1,500	2,400
	Advance Detection of Special Nuclear Materials			2,000	2,000
	Pacific Data Conversion and Technology Program			2,000	2,000
	Wyoming Army National Guard Joint Training and Experimentation Center (JTEC)			4,700	3,760
70	<b>RETRACT LARCH</b>	21,718	21,718	37,218	21,718
	Program adjustment (Transferred to RDT&E, Navy line number 37)			15,500	0

R-1	Budget Request	House	Senate	Recommendation
<b>71 JOINT ROBOTICS PROGRAM</b>	<b>11,803</b>	<b>15,803</b>	<b>11,803</b>	<b>15,403</b>
Autonomous Machine Vision for Mapping and Investigation of Remote Sites		2,000		1,600
Joint Robotics Training Program		2,000		2,000
<b>ENVIRONMENTAL SECURITY TECHNICAL</b>				
<b>73 CERTIFICATION PROGRAM</b>	<b>31,613</b>	<b>36,613</b>	<b>37,013</b>	<b>41,113</b>
Environmentally Friendly Nanometal Electroplating Processes for Cadmium and Chromium Replacement		3,000		3,000
Wellhead Treatment of Perchlorate Contaminated Wells		2,000		1,600
Alternative Energy Study			1,400	1,400
Inland Empire Perchlorate Remediation			4,000	3,500
<b>BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE</b>				
<b>75 SEGMENT</b>	<b>982,922</b>	<b>982,922</b>	<b>1,032,922</b>	<b>1,032,922</b>
GBI vendor base sustainment			50,000	50,000
<b>BALLISTIC MISSILE DEFENSE BOOST DEFENSE</b>				
<b>76 SEGMENT</b>	<b>186,697</b>	<b>186,697</b>	<b>186,697</b>	<b>183,297</b>
Support for FTS-01				-3,400
<b>CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM</b>				
<b>77</b>	<b>205,952</b>	<b>210,952</b>	<b>205,952</b>	<b>210,152</b>
Automated Sample Preparation for Biological Detection		1,000		800
Broad Spectrum Therapeutic Countermeasures to OP Nerve Agents		2,000		1,600
Tactical, Cargo, and Rotary Wing Aircraft Decon		2,000		1,800
<b>BALLISTIC MISSILE DEFENSE SENSORS</b>				
<b>78</b>	<b>636,856</b>	<b>636,856</b>	<b>626,856</b>	<b>624,156</b>
Replacement Patriot Launcher Pad for Japan - MDA requested adjustment			[2,500]	[2,500]
System Engineering and Unifying Missile Defense Functions-reduce program growth to support near-term missile defense programs			-10,000	-10,000
Support for FTS-01				-2,700
<b>BALLISTIC MISSILE DEFENSE SYSTEM INTERCEPTOR</b>				
<b>79</b>	<b>0</b>	<b>80,000</b>	<b>0</b>	<b>0</b>
Program Increase - Early Interceptor Program (Transferred to line number 27)		80,000		0
<b>BALLISTIC MISSILE DEFENSE TEST &amp; TARGETS</b>				
<b>80</b>	<b>966,752</b>	<b>940,752</b>	<b>778,652</b>	<b>827,752</b>
Target Synchronization with Test Schedule		-26,000		0
Premature Request			-151,100	-135,800
STSS Targets - FTS-01			-37,000	-3,200
<b>BALLISTIC MISSILE DEFENSE SYSTEMS CORE</b>				
<b>81</b>	<b>369,145</b>	<b>358,645</b>	<b>358,145</b>	<b>360,645</b>
General Reduction		-25,000	-15,000	-20,000
Next Generation Sensor Producability-Flight 2		10,000		7,500
Advanced Decision Support System		2,500		2,000
Miniature Divert and Altitude Controls System Thruster		2,000		1,600
Advanced Composite Radome			4,000	3,200
Support for FTS-01				-2,800
<b>SPECIAL PROGRAMS - MDA</b>				
<b>82</b>	<b>301,566</b>	<b>286,566</b>	<b>251,566</b>	<b>251,566</b>
Program decrease due to excessive growth		-15,000	-50,000	-50,000

R-1	Budget Request	House	Senate	Recommendation
<b>83 AEGIS BMD</b>	<b>1,690,758</b>	<b>1,670,758</b>	<b>1,468,358</b>	<b>1,443,358</b>
New Operational Configuration for six additional Aegis Cruisers and New Missile Type for Block 5.2 not determined		-50,000		-30,000
Ballistic Signal Processor/Open Architecture		30,000		20,000
Transfer to line 83A			-257,400	-257,400
SM-3 Development			35,000	20,000
<b>83A AEGIS BMD SM-3 Block IIA co-development</b>	<b>0</b>	<b>0</b>	<b>257,400</b>	<b>257,400</b>
Transferred from line 83	0	0	257,400	257,400
<b>84 SPACE SURVEILLANCE &amp; TRACKING SYSTEM</b>	<b>180,000</b>	<b>160,000</b>	<b>173,200</b>	<b>162,500</b>
Demonstration Satellites		-20,000		-10,000
Support for FTS-01			-6,800	-7,500
<b>87 BALLISTIC MISSILE DEFENSE C2BMC</b>	<b>340,014</b>	<b>340,014</b>	<b>340,014</b>	<b>336,514</b>
Support for FTS-01				-3,500
<b>BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER</b>				
<b>89 SUPPORT</b>	<b>60,921</b>	<b>61,421</b>	<b>60,921</b>	<b>61,421</b>
Independent Advisory Group to Review Ballistic Missile Defense Training Needs		500		500
<b>92 SEA BASED X-BAND RADAR (SBX)</b>	<b>174,576</b>	<b>161,576</b>	<b>174,576</b>	<b>168,076</b>
General Reduction		-13,000		-6,500
<b>97 ISRAELI COOPERATIVE PROGRAMS</b>	<b>119,634</b>	<b>202,434</b>	<b>202,434</b>	<b>202,434</b>
Arrow 3		12,500	12,500	12,500
Arrow 2 Development		26,000	26,000	26,000
Arrow 2 Co-Production		10,000	10,000	10,000
David's Sling		34,300	34,300	34,300
<b>100 DEPARTMENT OF DEFENSE CORROSION PROGRAM</b>	<b>4,887</b>	<b>6,387</b>	<b>21,487</b>	<b>22,287</b>
Corrosion Training Simulation Program		1,500		1,200
Center for Education and Research on Corrosion and Materials Performance			2,000	1,600
Department of Defense Corrosion Prevention and Control Program			14,600	14,600
<b>DOD UNMANNED AIRCRAFT SYSTEM (UAS) COMMON</b>				
<b>101 DEVELOPMENT</b>	<b>55,289</b>	<b>65,289</b>	<b>55,289</b>	<b>61,289</b>
Small Business Technology Insertion		10,000		6,000
<b>102 JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS</b>	<b>18,577</b>	<b>3,577</b>	<b>18,577</b>	<b>11,077</b>
Reduction due to obligation and expenditure		-15,000		-7,500
<b>JOINT ELECTROMAGNETIC TECHNOLOGY (JET)</b>				
<b>107 PROGRAM</b>	<b>3,949</b>	<b>6,949</b>	<b>3,949</b>	<b>6,349</b>
Lifetime Power for Wireless Control Sensors		1,000		800
Secure, Miniaturized, Hybrid, Free Space, Optical Communications		2,000		1,600
<b>111 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM</b>	<b>332,895</b>	<b>339,895</b>	<b>296,595</b>	<b>301,575</b>
Chemical and Biological Threat Reduction Coating		3,000		2,400
Detection and Remediation of Bio/Chemical Weapons Program		2,000		2,000
Protective Self-Decontaminating Surfaces		2,000		1,600
Lack of justification for core program growth			-47,400	-47,400



R-1	Budget Request	House	Senate	Recommendation
<b>CENTRAL TEST AND EVALUATION INVESTMENT</b>				
<b>129 DEVELOPMENT</b>	<b>145,052</b>	<b>152,552</b>	<b>157,452</b>	<b>162,272</b>
Gulf Range Mobile Instrumentation Capability		3,000		2,400
Savannah CRTC Training Enabled Maneuver Instrumentation (STEM)		4,500		3,600
Advanced SAM Hardware Simulator Development			4,000	4,000
Border Security and Defense Systems Research			2,000	1,600
Pacific Region Interoperability Test and Evaluation Capability			3,500	3,300
UAV Systems and Operations Validation Program (Includes transfer from line number 2)			2,900	2,320
<b>130 THERMAL VICAR</b>	<b>9,045</b>	<b>12,045</b>	<b>9,045</b>	<b>11,445</b>
Joint Gulf Range Complex Test and Training		3,000		2,400
<b>136 CLASSIFIED PROGRAM USD(P)</b>	<b>0</b>	<b>95,637</b>	<b>95,637</b>	<b>95,637</b>
Classified Program USD(P)		95,637	95,637	95,637
<b>SMALL BUSINESS INNOVATION</b>				
<b>147 RESEARCH/CHALLENGE ADMINISTRATION</b>	<b>2,163</b>	<b>3,163</b>	<b>4,063</b>	<b>4,683</b>
UAV Directed Energy Weapons Systems Payloads		1,000		1,000
Random Obfuscating Compiler Anti-Tamper Software			1,900	1,520
<b>148 DEFENSE TECHNOLOGY ANALYSIS</b>	<b>11,005</b>	<b>11,805</b>	<b>11,005</b>	<b>11,805</b>
Modeling and Simulation Standards Study		800		800
<b>150 FORCE TRANSFORMATION DIRECTORATE</b>	<b>19,981</b>	<b>24,981</b>	<b>19,981</b>	<b>23,981</b>
Rigid Aeroshell Variable Buoyancy Air Vehicle		5,000		4,000
<b>151 DEFENSE TECHNICAL INFORMATION CENTER (DTIC)</b>	<b>54,411</b>	<b>49,411</b>	<b>54,411</b>	<b>49,411</b>
General Reduction		-5,000		-5,000
<b>154 DARPA AGENCY RELOCATION</b>	<b>45,000</b>	<b>45,000</b>	<b>15,000</b>	<b>45,000</b>
Delay to project initiation			-30,000	0
<b>SUPPORT TO INFORMATION OPERATIONS (IO)</b>				
<b>161 CAPABILITIES</b>	<b>30,604</b>	<b>25,904</b>	<b>36,504</b>	<b>30,624</b>
Excess Funding		-4,700		-4,700
Enhanced Simulation for Information Operations Capabilities			5,900	4,720
<b>INTELLIGENCE SUPPORT TO INFORMATION</b>				
<b>164 OPERATIONS (IO)</b>	<b>20,648</b>	<b>22,648</b>	<b>20,648</b>	<b>20,648</b>
Biological and Chemical Warfare Online Repository of Technical Holdings (Transferred to line number 999)		2,000		0
<b>167 COCOM EXERCISE ENGAGEMENT AND TRAINING</b>	<b>34,306</b>	<b>34,306</b>	<b>41,806</b>	<b>40,706</b>
Agile Software Capability Intervention (ASCI)			1,500	1,200
Integrated Analysis Environment (Includes transfer from line number 126)			2,000	2,000
Playas Training and Research Center			4,000	3,200
<b>168 PENTAGON RESERVATION</b>	<b>19,709</b>	<b>0</b>	<b>19,709</b>	<b>19,709</b>
Duplicative Maintenance and Facilities Support Costs for FOB 2		-19,709	0	0
<b>169 MANAGEMENT HEADQUARTERS - MDA</b>	<b>57,403</b>	<b>52,403</b>	<b>57,403</b>	<b>52,403</b>
General Reduction		-5,000		-5,000

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R-1	Budget Request	House	Senate	Recommendation	
193	INFORMATION SYSTEMS SECURITY PROGRAM IASTAR Federal Information Security Management Act Compliance	13,477	13,477	15,477 2,000	15,077 1,600
198	GLOBAL COMMAND AND CONTROL SYSTEM Transfer from line number 124 for program enhancements	23,761	23,761	34,761 11,000	34,761 11,000
203	SPECIAL APPLICATIONS FOR CONTINGENCIES Advanced Technologies Sensors and Payloads/Unattended SIGINT Node Comprehensive Maritime Domain Awareness GMTI Radar for Class II UAVs UAV/UAS Test Facility	16,381	30,381 6,000 4,000 1,000 3,000	16,381	27,581 4,800 3,200 800 2,400
209	CRITICAL INFRASTRUCTURE PROTECTION (CIP) Disaster Response: Communications and Other Infrastructure Restoration	12,725	12,725	17,725 5,000	16,725 4,000
221	DISTRIBUTED COMMON GROUND/SURFACE Program Increase - DCGS Capabilities Modernization	1,407	9,407 8,000	1,407	7,407 6,000
238	INDUSTRIAL PREPAREDNESS Copper-base Casting Technology Applications Corrosion Resistant Ultrahigh-Strength Steel for Landing Gear DLA VetBiz Initiative for National Sustainment Northwest Manufacturing Initiative Industrial Base Innovation Fund	20,514	28,014 2,000 2,000 1,000 2,500	50,514 30,000	46,514 1,600 1,600 800 2,000 20,000
241	NATO AGS Excess to requirement	74,485	74,485	66,485 -8,000	69,485 -5,000
245	SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT Avionics Modernization Program Helicopter Cable Warning and Obstacle Avoidance EC-130J Multi-Mission Upgrades	82,621	74,121 -10,000 1,500	67,592 -20,029 5,000	72,612 -15,209 1,200 4,000
	<b>SPECIAL OPERATIONS TACTICAL SYSTEMS</b>				
246	DEVELOPMENT SOF Resource Business Information System Covert Waveform for Software Defined Radios SOC-R Armor Development for Small Arms Armor Piercing Ammo	6,182	2,594 -4,588 1,000	7,494 -4,588 2,800 3,100	6,874 -4,588 2,800 2,480
	<b>SPECIAL OPERATIONS INTELLIGENCE SYSTEMS</b>				
247	DEVELOPMENT Counterproliferation Analysis and Planning System Program Review Advanced, Long Endurance Unattended Ground Sensor Technologies Biometric Optical Surveillance System Counterproliferation Analysis and Planning System United States Special Operations Command SOCRATES High Assurance Platform Program University Multi-Spectral Laboratories Picoceptor and Processor for Man-portable Threat Warning	21,273	21,780 -14,993 2,000 5,000 5,000 1,000 2,500	36,173 4,900 6,000 4,000 4,000	41,393 0 3,920 6,000 4,000 1,000 2,000 3,200

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R-1	Budget Request	House	Senate	Recommendation	
248	<b>SOF OPERATIONAL ENHANCEMENTS</b>	<b>60,310</b>	<b>64,310</b>	<b>60,310</b>	<b>63,310</b>
	USSOCOM Medical Research		4,000		3,000
250	<b>JOINT MULTI-MISSION SUBMERSIBLE</b>	<b>43,412</b>	<b>23,412</b>	<b>43,412</b>	<b>33,412</b>
	Fiscal year 2009 new start execution delays		-20,000		-10,000
	<b>OPS ADVANCED SEAL DELIVERY SYSTEM (ASDS)</b>				
252	<b>DEVELOPMENT</b>	<b>1,321</b>	<b>3,500</b>	<b>1,600</b>	<b>3,500</b>
	ASDS Program Termination		-1,321	-1,321	-1,321
	Lithium-ion Battery Safety Detection and Control of Impending Failures		1,500	1,600	1,500
	Material, Design and Fabrication Solutions for Advanced SEAL Delivery System External Structural Components		2,000		2,000
254	<b>UNMANNED VEHICLES (UV)</b>	<b>0</b>	<b>1,000</b>	<b>0</b>	<b>1,000</b>
	Hand-held, Lethal Small Unmanned Aircraft System		1,000		1,000
	<b>SOF VISUAL AUGMENTATION, LASERS &amp; SENSOR</b>				
260	<b>SYSTEMS</b>	<b>3,369</b>	<b>6,869</b>	<b>6,369</b>	<b>8,569</b>
	Miniature Day Night Sight for Crew Served Weapons		1,500		1,200
	Thermal Pointer/Illuminator for Force Protection		2,000		1,600
	ASIC Miniaturization for Lasers and Sensors Development			3,000	2,400
263	<b>SOF UNDERWATER SYSTEMS</b>	<b>3,452</b>	<b>13,000</b>	<b>12,452</b>	<b>18,852</b>
	Fiscal year 2009 new start execution delays		-1,452		0
	Alternative SOF Submersible Concept Design Study		1,000	1,000	1,000
	Non-Gasoline Burning Outboard Engine		1,900		1,520
	Technology for Shallow Water Special Operation Forces Mobility		3,600		2,880
	Transformer Technology for Combat Submersibles		4,500		3,600
	Future Dry Deck Shelter			5,500	4,400
	Undersea Special Warfare Engineering Support Office			2,500	2,000
264	<b>SOF SURFACE CRAFT</b>	<b>12,250</b>	<b>10,000</b>	<b>12,250</b>	<b>10,000</b>
	Fiscal year 2009 new start execution delays		-2,250		-2,250
999	<b>CLASSIFIED PROGRAMS</b>	<b>4,273,689</b>	<b>4,050,489</b>	<b>4,355,489</b>	<b>4,264,429</b>
	Classified Adjustments		-251,500	52,900	-57,100
	Laser Ablation Resonance Ionization Mass Spectrometer		3,000		2,400
	Portable Device for Latent Fingerprint Identification		1,800		1,440
	Advanced Scientific Missile Intelligence Preparation of the Battlespace		2,500		2,000
	Security for Critical Communication Networks		7,000		5,600
	Cybersecurity and Operational Identity Management		2,000		1,600
	Improving Support to the Warfighter		7,000		7,000
	MS GIS Educational and Research Program (Transferred to O&M Def-wide)		1,000		0
	Enhancement of Geo-location Systems		4,000		3,200
	Armed Forces Health and Food Supply Research			5,000	4,000
	Center for Intelligence and Security Studies			2,400	2,400
	Hawaii Advanced Laboratory for Information Integration			2,500	2,000
	Initiative to Advance Adaptive Petascale Supercomputing			10,000	8,000
	Intelligent Explosives Detection			4,000	3,200
	Technology Applications for Security Enhancement			3,000	3,000
	Biological and Chemical Warfare Online Repository of Technical Holdings (Includes transfer from line number 164)			2,000	2,000

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R-1	Budget Request	House	Senate	Recommendation
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DARPA Undistributed Reduction		-200,000	0	0
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## DARPA NEW START PROGRAMS

The Defense Advanced Research Projects Agency's (DARPA's) fiscal year 2010 budget request includes \$135,170,000 for new start programs, a significant increase over the \$28,000,000 executed for new starts in fiscal year 2009 and the \$16,000,000 executed for new starts in fiscal year 2008. The recently appointed Director of DARPA did not have an opportunity to adjust DARPA's fiscal year 2010 budget submission to reflect the new administration's priorities. Additionally, management changes instituted to address DARPA's historic budget execution challenges are likely to require some time before taking effect.

Therefore, the recommendation denies all funding for the requested new start programs. Instead, following the receipt of additional information from the new DARPA Director, the recommendation provides \$85,000,000 in multiple program elements, as requested by the Director, for fiscal year 2010 new starts to be selected by the Director in fiscal year 2010. None of these funds may be obligated until the Director provides details to the congressional defense committees on the programs to be initiated, to include descriptions, program objectives, the expected duration of the DARPA effort and associated out-year funding requirements and planned technology readiness levels to be achieved by DARPA and Service transition partners.

This is an exception to conventional budgeting procedures and the Director of DARPA is directed to use established budgeting procedures for its fiscal year 2011 budget submission.

RAPID EXPLOITATION OF INNOVATIVE TECHNOLOGIES IN ALL AREAS OF  
SCIENCE AND TECHNOLOGY

The recommendation provides \$4,500,000 for fiscal year 2010 new starts in Rapid Exploitation of Innovative Technologies (REITS) and directs the Commander, Special Operations Command, to provide quarterly reports to the congressional defense committees on the use of any current fiscal year or prior year funds provided for REITS, to include individual project schedules, cost estimates and transition plans. The Commander, Special Operations Command, is further directed to submit an annual report to the congressional defense committees on the actual cost, schedule to complete and transition to operational use or further development for all projects for which REITS funds were executed.

GROUND-BASED MISSILE DEFENSE

In addition to the reporting requirements contained in Sections 232 and 233 of H.R. 2647, the National Defense Authorization Act for Fiscal

Year 2010, the Director of the Missile Defense Agency (MDA) is directed to provide a report on how MDA will utilize the funds in the Ground-based Midcourse Defense (GMD) program in fiscal year 2010 to maintain the Ground-Based Interceptor (GBI) production line. The report shall identify the number of GBIs that are being produced in fiscal year 2010.

Furthermore, the report shall include a discussion of MDA's GMD Analysis of Alternatives that was conducted as a result of U.S. Northern Command's Ballistic Missile Defense study that was provided to MDA in October 2008. These reports shall be submitted to the congressional defense committees at the same time the President submits the fiscal year 2011 budget request to Congress.

#### BALLISTIC MISSILE DEFENSE TEST AND TARGETS

There is strong support for a robust testing program for the Missile Defense Agency (MDA). In December of 2008, the Director of MDA initiated a review of the entire Ballistic Missile Defense test program and developed the Integrated Master Test Plan (IMTP) that was signed in late July 2009, well after the submission of the fiscal year 2010 budget request. The IMTP's primary purpose is to establish and document the executable test baseline program from fiscal year 2010 and out to satisfy critical

engagement conditions and empirical measurement events data collection requirements.

Since the plan was submitted, it has become known that some tests scheduled for fiscal year 2010 have slipped to fiscal year 2011 and that target synchronization with the new test plan still needs clarification.

Furthermore, the fiscal year 2010 budget requests an increase of \$50,000,000 over last year's funding level. However, MDA has not expended over \$500,000,000 of fiscal year 2009 funds and those funds will be carried over into fiscal year 2010 in the test and target program.

Therefore, the recommendation reduces the budget request by \$135,800,000 due to a premature request of funding.

#### EARLY INTERCEPTOR

The Director of the Missile Defense Agency (MDA) is conducting a 90-day study on the different components of the early interceptor to evaluate how best to incorporate them into the Integrated Master Test Plan and MDA's new focus on early/ascent-phase intercept. The recommendation includes \$80,000,000 in Line 27, Ballistic Missile Defense Technology, only for the development of the relevant technologies and incorporation of existing technologies to support the early intercept program. Additionally,

MDA is urged to use previously appropriated funds in other program elements that would be complimentary or enhance the relevant technologies for early/ascent-phase intercept.

#### TWO-STAGE GROUND-BASED INTERCEPTOR

The Missile Defense Agency (MDA) is encouraged to continue developing and testing the two-stage ground-based interceptor. It is understood that over \$173,000,000 has already been obligated in prior year funding to support development and testing. MDA is encouraged to provide at least \$50,000,000 in fiscal year 2010 funds to continue the two-stage interceptor program.

Furthermore, the Under Secretary of Defense for Policy is directed to submit a report to the congressional defense committees by June 1, 2010. The report shall include a plan for the continuation of the two-stage ground-based interceptor program as well as how MDA plans to leverage the development and testing of the interceptor to modernize the Ground-based Midcourse Defense system. If the report recommends continuation of the two-stage interceptor program, it shall address any options for basing two-stage interceptors in Europe or the United States to provide enhanced defense in response to future long-range missile threats from Iran. The report

shall also include a description of how such a site may be made interoperable with the planned missile defense architecture for Europe and the United States. Finally, the report shall include an independent cost estimate for the two-stage ground-based interceptor plan that is recommended.

#### GLOBAL SUPPLY CHAIN SECURITY

The national security establishment currently relies on electronic and computer components manufactured predominately overseas. The Department of Defense requires a trusted procurement process to provide classified handling, chain of custody, tracking and vital control of mission critical information technology system components. Accordingly, the Department is urged to provide the necessary resources to establish a Secure Procurement Logistics pilot project within the Cyber Security Initiative to perform secure procurement and logistics support for mission critical information technology.

## OPERATIONAL TEST AND EVALUATION, DEFENSE

For Operational Test and Evaluation, Defense, funds are to be  
available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>OPERATIONAL TEST &amp; EVAL, DEFENSE</b>				
RDT&E MANAGEMENT SUPPORT				
<b>1</b> OPERATIONAL TEST AND EVALUATION.....	58,647	58,647	58,647	58,647
<b>2</b> LIVE FIRE TESTING.....	12,285	12,285	12,285	12,285
<b>3</b> OPERATIONAL TEST ACTIVITIES AND ANALYSES.....	119,838	119,838	119,838	119,838
TOTAL, RDT&E MANAGEMENT SUPPORT.....	190,770	190,770	190,770	190,770
TOTAL, OPERATIONAL TEST & EVAL, DEFENSE.....	190,770	190,770	190,770	190,770

## TITLE V - REVOLVING AND MANAGEMENT FUNDS

For Revolving and Management Funds, funds are to be available for  
fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
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<b>TITLE V</b>				
<b>REVOLVING AND MANAGEMENT FUNDS</b>				
Defense Working Capital Funds.....	1,455,004	1,455,004	1,455,004	1,455,004
National Defense Sealift Fund.....	1,642,758	1,692,758	1,242,758	1,672,758
Defense Coalition Support Fund.....	22,000	---	---	---
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<b>Total, title V, Revolving and Management Funds..</b>	<b>3,119,762</b>	<b>3,147,762</b>	<b>2,697,762</b>	<b>3,127,762</b>
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## DEFENSE WORKING CAPITAL FUNDS

For the Defense Working Capital Funds, \$1,455,004,000 is provided  
for fiscal year 2010.

## NATIONAL DEFENSE SEALIFT FUND

For the National Defense Sealift Fund, \$1,672,758,000 is provided for  
fiscal year 2010.

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

	Budget Request	House	Senate	Recommendation
<b>STRATEGIC SHIP ACQUISITION</b>	1,089,902	1,089,902	689,902	1,089,902
Reduce one ship			-400,000	
<b>DoD MOBILIZATION ASSETS</b>	199,595	199,595	199,595	199,595
<b>STRATEGIC SEALIFT SUPPORT</b>	4,794	4,794	4,794	4,794
<b>SEALIFT RESEARCH AND DEVELOPMENT</b>	72,983	72,983	72,983	72,983
<b>READY RESERVE FORCE OPERATIONS AND MAINTENANCE</b>	275,484	275,484	275,484	275,484
<b>MARITIME ADMINISTRATION SHIP FINANCING GUARANTEE PROGRAM</b>	0	50,000	0	30,000
<b>Total NDSF</b>	<b>1,637,964</b>	<b>1,692,758</b>	<b>1,242,758</b>	<b>1,672,758</b>

# TITLE VI - OTHER DEPARTMENT OF DEFENSE PROGRAMS

For Other Department of Defense Programs, funds are to be available  
for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
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<b>TITLE VI</b>				
<b>OTHER DEPARTMENT OF DEFENSE PROGRAMS</b>				
<b>Defense Health Program:</b>				
Operation and maintenance.....	26,967,919	28,257,565	26,990,219	27,596,689
Procurement.....	322,142	384,142	322,142	366,692
Research, development, test and evaluation.....	613,102	1,249,402	998,752	1,280,047
<b>Total, Defense Health Program.....</b>	<b>27,903,163</b>	<b>29,891,109</b>	<b>28,311,113</b>	<b>29,243,428</b>
-----				
<b>Chemical Agents and Munitions Destruction, Defense:</b>				
Operation and maintenance.....	1,146,802	1,146,802	1,125,911	1,146,802
Procurement.....	12,689	12,689	12,689	12,689
Research, development, test and evaluation.....	401,269	351,269	401,269	401,269
<b>Total, Chemical Agents 1/.....</b>	<b>1,560,760</b>	<b>1,510,760</b>	<b>1,539,869</b>	<b>1,560,760</b>
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Drug Interdiction and Counter-Drug Activities, Defense	1,058,984	1,237,684	1,103,086	1,158,226
Joint Improvised Explosive Device Defeat Fund 1/.....	564,850	364,550	---	121,550
Rapid Acquisition Fund 1/.....	79,300	---	---	---
Office of the Inspector General 1/.....	272,444	288,100	288,100	288,100
<b>Total, title VI, Other Department of Defense Programs.....</b>	<b>31,439,501</b>	<b>33,292,203</b>	<b>31,242,168</b>	<b>32,372,064</b>
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# DEFENSE HEALTH PROGRAM

For the Defense Health Program, funds are to be available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>Defense Health Program:</b>				
Operation and maintenance.....	26,967,919	28,257,565	26,990,219	27,596,689
Procurement.....	322,142	384,142	322,142	366,692
Research, development, test and evaluation.....	613,102	1,249,402	998,752	1,280,047
<b>Total, Defense Health Program.....</b>	<b>27,903,163</b>	<b>29,891,109</b>	<b>28,311,113</b>	<b>29,243,428</b>

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

	Budget Request	House	Senate	Recommendation
<b>OPERATION AND MAINTENANCE</b>	<b>26,967,919</b>	<b>28,257,565</b>	<b>26,990,219</b>	<b>27,596,689</b>
<b>IN-HOUSE CARE</b>	<b>6,914,373</b>	<b>6,918,303</b>	<b>6,917,373</b>	<b>6,917,303</b>
Fort Drum Regional Health Planning Organization		430		430
Madigan Army Medical Center Trauma Assistance		2,500	3,000	2,500
Military Physician Combat Medical Training (Transferred to Education and Training)		1,000		
<b>PRIVATE SECTOR CARE</b>	<b>14,255,972</b>	<b>15,537,688</b>	<b>14,562,972</b>	<b>14,562,972</b>
Federal Pricing Rebates		760,716		0
TRICARE Shortfall		521,000	307,000	307,000
<b>CONSOLIDATED HEALTH CARE</b>	<b>1,938,305</b>	<b>1,938,305</b>	<b>1,647,205</b>	<b>1,951,025</b>
TBI/PH and WII requirements (Transferred to OCO)			-307,000	0
AFIP/Joint Pathology Center Records Digitization and Repository Modernization			15,000	12,000
Epidemiologic Health Survey			900	720
<b>INFORMATION MANAGEMENT/IT</b>	<b>1,315,645</b>	<b>1,315,645</b>	<b>1,318,045</b>	<b>1,317,565</b>
Enhanced Medical Situational Awareness			2,400	1,920
<b>MANAGEMENT HEADQUARTERS</b>	<b>277,810</b>	<b>277,810</b>	<b>277,810</b>	<b>277,810</b>
<b>EDUCATION AND TRAINING</b>	<b>625,802</b>	<b>629,802</b>	<b>626,802</b>	<b>630,002</b>
Web-Based Teaching Programs for Military Social Work		4,000		3,200
Military Physician Combat Medical Training			1,000	1,000
<b>BASE OPERATIONS AND COMMUNICATIONS</b>	<b>1,640,012</b>	<b>1,640,012</b>	<b>1,640,012</b>	<b>1,940,012</b>
Medical Transportation Infrastructure				300,000
<b>PROCUREMENT</b>	<b>322,142</b>	<b>384,142</b>	<b>322,142</b>	<b>366,692</b>
Composite Operational Health and Occupational Risk Tracking System (Transferred to R&D)		3,000		0
Initial Outfitting and Equipping Items		53,000		39,750
Shock Trauma Center Operating Suites		3,000		2,400
Wide Area Virtual Environment Simulation for Medical Readiness Training		3,000		2,400
<b>RESEARCH AND DEVELOPMENT</b>	<b>613,102</b>	<b>1,249,402</b>	<b>998,752</b>	<b>1,280,047</b>
<b>ALS</b>		10,000		7,500
Program Increase - Army Reserve Component Personal Empowerment Package (ARCPEP)		4,500		3,375
Autism Research		8,000		8,000
Bone Marrow Failure Disease Research Program		5,000		3,750
Breast Cancer Center (WRAMC/WRNMMC)	5,310	15,000		15,000
Composite Operational Health and Occupational Risk Tracking System (Transferred from Procurement)				2,400
Duchenne Muscular Dystrophy		5,000		3,750
Genetics Studies of Food Allergies		2,500		1,875

	Budget Request	House	Senate	Recommendation
Global HIV/AIDS Prevention		10,000		10,000
Gynecological Cancer Center (WRAMC/WRNMMC)	4,820	6,000		6,000
Hand Transplant Research		6,000		4,500
Integrative Cardiac Health Care (WRAMC/WRNMMC)	3,490	7,000		7,000
Military Dental Research (Transferred to RDT&E, Navy line number 124)		8,000		0
Multiple Sclerosis		6,000		4,500
National Diabetes Model Program (Note: of which \$4 million is available for Type I)		15,000		15,000
Pain and Neuroscience Center (WRAMC/WRNMMC)	4,000	8,000		8,000
Peer-Reviewed Breast Cancer Research Program		150,000	150,000	150,000
Peer-Reviewed Cancer Research Program		20,000		15,000
Peer Reviewed Lung Cancer Research		15,000		15,000
Peer-Reviewed Orthopedic Research		30,000		22,500
Peer-Reviewed Ovarian Cancer Research Program		25,000	10,000	18,750
Peer-Reviewed Prostate Cancer Research Program		80,000	80,000	80,000
Peer-Reviewed Spinal Cord Research Program		15,000		11,250
Peer-Reviewed Vision Research		5,000		3,750
Prostate Cancer Center (WRAMC/WRNMMC)	3,380	4,000		4,000
Research in Alcohol and Substance Use Disorders		8,500		6,375
Program Increase - Assistive Technology Research		3,000		3,000
Gulf War Illness Peer-Reviewed Research Program		8,000	12,000	8,000
Peer-Reviewed Neurofibromatosis (NF) Research		25,000		13,750
Peer-Reviewed Neurotoxin Exposure Treatment				
Parkinsons Research Program		25,000		25,000
Traumatic Brain Injury and Psychological Health		127,800	60,500	120,000
Military Medical Research (including the continuation of Traumatic Brain Injury and Psychological Health Research)	372,200			372,200
Tuberous Sclerosis Complex (TSC)		8,000		6,000
US Military Cancer Institute		5,000		5,000
Wound Care Research (Transferred to RDT&E, Navy line number 24)		13,000		0
Hawaii Federal Health Care Network			24,500	23,000
Lung Injury Management			1,450	1,160
Patient Care Improvement Project at Keesler Medical Center			4,100	3,280
Regional Telepathology Initiative at Keesler AFB			2,100	1,680
Security Solutions from Life in Extreme Environments Center			1,000	800
Operating Room of the Future (Transferred to RDT&E, Army line number 28)			2,000	0
Peer-Reviewed Medical Research Program			50,000	50,000

## DEFENSE HEALTH PROGRAM REPROGRAMMING PROCEDURES

There is concern regarding the transfer of funds from Direct (or In-house) Care to pay for contractor-provided medical care. To limit such transfers and continue oversight within the Defense Health Program operation and maintenance account, the explanatory statement includes language which limits the funds available for Private Sector Care under the TRICARE program subject to prior approval reprogramming procedures. The bill language and accompanying recommendation should not be interpreted by the Department as limiting the amount of funds that may be transferred to the Direct Care System from other budget activities within the Defense Health Program. In addition, the Services are not properly budgeting for actual execution levels among the budget activity groups and, therefore, the Direct Care System is continued as a special interest item. Any transfer of funds from the Direct (or In-house) Care budget activity into the Private Sector Care budget activity or any other budget activity will require the Department of Defense to follow prior approval reprogramming procedures.

## CARRYOVER

For fiscal year 2010, the recommendation includes a one percent carryover authority for the Defense Health Program. The Assistant Secretary of Defense for Health Affairs is directed to submit a detailed spending plan for any fiscal year 2009 designated carryover funds to the congressional defense committees by January 4, 2010. In addition, the Department shall, not fewer than 30 days prior to executing the carryover funds, notify the congressional defense committees in writing of the details of any such obligation. Finally, to address the continuing funding shortfalls in medical information technology, the Department is directed to use available carryover funds to address this deficit.

## MEDICAL INFORMATION TECHNOLOGY

Over the past few years, criticism regarding the Department of Defense and the Department of Veterans Affairs medical information technology has grown. Both Departments developed their current systems and infrastructure independent of one another, primarily using proprietary technology and hardware that is costly, not user-friendly and technologically

unsustainable. As such, both Departments have now chosen to modernize their systems and infrastructure to address many of those issues, as well as addressing the issues surrounding interoperability between both Departments and the private sector. These systems must also address new requirements made evident by continuing overseas operations, including the ability to expand based on future technology requirements.

Unfortunately, it appears that both Departments are not sufficiently coordinating their efforts, and that lessons learned are not being used to develop an efficient and cost-effective means for data interoperability and information technology modernization. The recommendation recognizes that each Department has unique system requirements; however, both Departments do have common functions that should result in the development of common technology solutions and architecture. Areas that should be joint business practices include lab work, pharmacy orders, digital radiology transmittal, third-party collections and patient appointment scheduling. Both Departments are continuing to work on interoperability between their current systems and improving the transmittal of medical records from one system to another. However, there is significant concern that the necessary efforts being made to jointly develop the required future systems are inadequate. Therefore, the Joint Executive Council (JEC) and

the Health Executive Council (HEC) are directed to report to the Committees on Appropriations of the House and the Senate not later than January 11, 2010, on a complete and thorough review of the technology requirements of each Department. The report shall detail each requirement, to include those that are deemed unique to each Department, include a justification of why the requirement can or cannot be developed jointly, and identify the path forward to develop such joint technology. In addition, the JEC and the HEC are directed to coordinate this report with the Department of Health and Human Services as it seeks to modernize electronic health records throughout the private sector. If done correctly and efficiently, the efforts of both Departments can be used as an example of how to modernize medical information technology.

#### MILITARY MEDICAL RESEARCH

The recommendation provides \$120,000,000 for Traumatic Brain Injury (TBI) and Psychological Health research and treatment efforts. The fiscal year 2010 budget submission included \$372,000,000 to address numerous unique military medical areas of concern including TBI and Psychological Health. The Department is encouraged to refer to the

language in the House and Senate reports regarding gaps in research that need to be addressed within this funding to close those disparities.

It is understood that the Department of Defense is putting pressure on Health Affairs to obligate these funds in an expedited manner during fiscal year 2010 and as a result, Requests for Information (RFI) on grant proposals for this funding have already been published prior to the completion of the Department of Defense Appropriations Act, 2010. These actions are not supported by this recommendation since funding has not been appropriated and the Committees on Appropriations of the House and Senate were never notified of a new start request. Since the submission of the President's budget request, the Department has been repeatedly asked for a distributable list of medical research capability gaps that will be addressed with the additional \$372,000,000. Therefore, the Secretary of Defense is directed to provide a distributable list of medical research capability gaps that will be addressed using these funds not later than 15 days after enactment of this Act.

#### PEER-REVIEWED MEDICAL RESEARCH PROGRAM

The recommendation provides \$50,000,000 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: Blood Cancer, Chronic Migraine and Post-traumatic headache, Dystonia, Drug Abuse, Epilepsy, Fragile X Syndrome, Inflammatory Bowel Disease, Interstitial Cystitis, Kidney Cancer, Lupus, Melanoma, Mesothelioma, Neuroblastoma, Osteoporosis and related bone disease, Padgett's Disease, Pheochromocytoma, Polycystic Kidney Disease, Post Traumatic Osteoarthritis, Scleroderma, Social Work Research, and Tinnitus. The recommendation emphasizes that the additional funding provided under the Peer-Reviewed Medical Research Program shall be devoted only to the purposes listed above.

#### HYPERBARIC OXYGEN THERAPY

The Secretary of Defense, not later than 60 days after enactment of this Act, shall submit to the congressional defense committees a report on the use of hyperbaric oxygen therapy (HBOT). The report shall include the number of members of the Armed Forces, veterans and civilians being treated with HBOT; the types of conditions being treated and the respective success rate for each condition; the current inventory, location, and rate of

use for hyperbaric oxygen chambers; and any plans for expanding the use of HBOT for treatment.

#### DIRECT HIRE AUTHORITY

The Secretary of Defense is directed to immediately implement Section 1107 of the National Defense Authorization Act, 2008 (Public Law 110-181) which provides adequate authority for the medical specialty hiring needs of the Department of Defense. The Secretary of Defense is further directed that no later than 30 days after enactment of this Act the Department shall notify the congressional defense committees the action has been taken to implement the direct hire authority across the Department, including the civilian entities.

#### REDUCING SCAR FORMATION

The United States Army Institute of Surgical Research and the Armed Forces Institute of Regenerative Medicine is currently doing research to reduce scarring following battlefield injuries in conjunction with academia. The Surgeon General of the Army is urged to use funds provided for continuation of studies into new methods for wound healing and scar

reduction capabilities including proceeding to a clinical study and for further product development.

#### MEDICAL TRANSPORTATION INFRASTRUCTURE

After reviewing the Base Realignment and Closure (BRAC) Health Systems Advisory Subcommittee's (the Committee) review of the design plans for medical centers, including the responses from the Department of Defense and the Committee, there remains deep concern about the state of the master plan to complete world class medical facilities. Failures to implement the recommendations of this plan may lead to degraded medical care for military personnel, their dependents and retirees.

The recommendation includes \$300,000,000 in the Defense Health Program operation and maintenance account for transportation issues stemming from the realignments associated with the 2005 BRAC. The Secretary of Defense is directed to provide a report to the House and Senate Committees on Appropriations detailing the status of the implementation of the BRAC Health Systems Advisory Subcommittee's plan, and on plans for the recommended funding increase, no later than 90 days after the enactment of this Act.

# CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

For Chemical Agents and Munitions Destruction, Defense, funds are  
to be available for fiscal year 2010, as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>CHEMICAL AGENTS &amp; MUNITIONS DESTRUCTION, DEFENSE</b>				
CHEM DEMILITARIZATION - OPERATION AND MAINTENANCE.....	1,146,802	1,146,802	1,125,911	1,146,802
CHEM DEMILITARIZATION - PROCUREMENT.....	12,689	12,689	12,689	12,689
CHEM DEMILITARIZATION - RESEARCH, DEV, TEST & EVAL....	401,269	351,269	401,269	401,269
<b>TOTAL, CHEM AGENTS &amp; MUNITIONS DESTRUCTION, DEFENSE.</b>	<b>1,560,760</b>	<b>1,510,760</b>	<b>1,539,869</b>	<b>1,560,760</b>

SCAN  
FOOTPRINT

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

	Budget Request	House	Senate	Recommendation
Chem Demilitarization-O&M Tooele Chemical Agent Disposal Facility Heel Transfer System - Already Funded in Previous fiscal year	1,146,802	1,146,802	1,125,911 -20,891	1,146,802
Chem Demilitarization-Procurement	12,689	12,689	12,689	12,689
Chem Demilitarization-RDT&E Transferred from Sec. 8123 of HR 3326	401,269	351,269 50,000	401,269	401,269
<b>Total, Chem Agents &amp; Munitions Destruction, Defense</b>	<b>1,560,760</b>	<b>1,510,760</b>	<b>1,539,869</b>	<b>1,560,760</b>

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DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES,

DEFENSE

(INCLUDING TRANSFER OF FUNDS)

For Drug Interdiction and Counter-Drug Activities, Defense,

\$1,158,226,000 is provided for fiscal year 2010.

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

PC  
PORTRAIT

	Budget Request	House	Senate	Recommendation
<b>COUNTER NARCOTICS</b>	<b>1,058,984</b>	<b>1,238,684</b>	<b>1,103,086</b>	<b>1,158,226</b>
PC8804 Demand Reduction-Civilian Agency Drug Testing - NSA		-1,000		-1,000
PC9205 EUCOM CN Operational Support - excessive growth		-2,000	-5,000	-5,000
PC9206 AFRICOM CN Operational Support - excessive growth		-2,000	-5,000	-5,000
PC9301 CENTCOM Counterthreat Finance Unit		-2,000		0
PC2366 EUCOM Interagency Fusion Centers			-750	-750
Delaware National Guard Counter-Drug Task Force		300	300	300
Western Region Counter-Drug Training Center		2,500	2,500	2,500
Kentucky National Guard Counter-Drug Program		3,500	3,600	3,600
Florida Counter-Drug Program		2,900		2,900
Nevada National Guard Counter-Drug Program		4,000	4,200	4,000
North Carolina Counter-Drug Task Force		1,000		800
Tennessee National Guard Appalachia High Intensity Drug Trafficking Area		4,000	4,000	4,000
Regional Counter-Drug Training Academy - Meridian		1,500	3,000	2,800
Indiana National Guard Counter-Drug Program		3,000		2,400
Young Marines Program		4,000		4,000
Digital Communications		160,000		50,000
Alaska National Guard Counter-Drug Program			3,000	2,400
Hawaii National Guard Counter-Drug Program			3,000	3,000
HERON Maritime UAS for SOUTHCOM			9,800	9,340
Midwest Counter-Drug Training Center			6,000	6,000
Minnesota National Guard Counter-Drug Program			2,000	1,600
Montana National Guard Counter-Drug Task Force			1,000	800
New Mexico National Guard Counter-Drug Program			6,000	4,800
Northeast Counter-Drug Training Center			5,000	4,500
West Virginia Counter-Drug Program			1,000	800
Joint Task Force-North, Drug Interdiction Support (Transferred from Other Procurement, Air Force line 19)			452	452

## COUNTER-DRUG BUDGET JUSTIFICATION MATERIALS

There is concern that the budget justification materials submitted do not provide sufficient information for appropriate oversight and understanding of program objectives and metrics. Therefore, the Secretary of Defense is directed that beginning with the fiscal year 2011 budget, the budget justification materials shall ensure that each project code include, at a minimum: a detailed explanation of program increases and decreases including displays and explanations of program and price growth; a display showing the number of full-time equivalent (FTE) employees; average grade for government employees and number of contractor FTEs; justification of planned equipment buys for items costing more than \$250,000, including quantities and unit costs; and justification and descriptions of research and development activities, including anticipated program accomplishments, contract awards and a description of government costs.

# JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND

(INCLUDING TRANSFER OF FUNDS)

For the Joint Improvised Explosive Device Defeat Fund, funds are to be available for fiscal year 2010, as follows:

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

	Budget Request	House	Senate	Recommendation
Attack the Network	203,100	183,000		0
Transfer to Title IX				-53,100
Unjustified request				-150,000
Defeat the Device	199,100	25,000		0
Transfer to Title IX				-199,100
Train the Force	41,100	35,000		0
Transfer to Title IX				-41,100
Staff and Infrastructure	121,550	121,550		121,550
<b>Total, Joint Improvised Explosive Device Defeat Fund</b>	<b>564,850</b>	<b>364,550</b>	<b>0</b>	<b>121,550</b>

The recommendation provides funds in the base budget for the Staff and Infrastructure line of operation. These funds are provided with the same time limitation as traditional operation and maintenance funds.

The reporting requirements directed under the Supplemental Appropriations Act, 2009 (Public Law 111-32), were not adhered to, but efforts are underway to improve that status. The Director, Joint Improvised Explosive Device Defeat Organization (JIEDDO) is directed to submit

monthly commitment, obligation, and expenditure data by line of operation and by year of appropriation to the congressional defense committees.

Further, the Director, JIEDDO is directed to submit monthly reports of obligation data on a project-by-project basis by line of operation to the congressional defense committees. The Director, JIEDDO is also directed to follow standard reprogramming procedures when transferring a cumulative amount of \$20,000,000 or more between lines of operation.

**OFFICE OF THE INSPECTOR GENERAL**

For the Office of the Inspector General, \$288,100,000 is provided for fiscal year 2010.

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>OFFICE OF THE INSPECTOR GENERAL</b>				
OFFICE OF THE INSPECTOR GENERAL OPERATION AND MAINTENANCE.....	271,444	287,100	287,100	287,100
PROCUREMENT.....	1,000	1,000	1,000	1,000
<b>TOTAL, OFFICE OF THE INSPECTOR GENERAL.....</b>	<b>272,444</b>	<b>288,100</b>	<b>288,100</b>	<b>288,100</b>

# TITLE VII - RELATED AGENCIES

For Related Agencies, funds are to be available for fiscal year 2010,

as follows:

(In thousands of dollars)

	Budget	House	Senate	Recommendation
<b>TITLE VII</b>				
<b>RELATED AGENCIES</b>				
Central Intelligence Agency Retirement and Disability System Fund.....	290,900	290,900	290,900	290,900
Intelligence Community Management Account (ICMA).....	672,812	611,002	750,812	707,912
Transfer to Department of Justice.....	---	---	---	---
<b>Total, title VII, Related agencies.....</b>	<b>963,712</b>	<b>901,902</b>	<b>1,041,712</b>	<b>998,812</b>

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CLASSIFIED ANNEX

Adjustments to the classified programs are addressed in a separate detailed and comprehensive classified annex. The Intelligence Community, Department of Defense and other organizations are expected to fully comply with the recommendations and directions in the classified annex accompanying the Department of Defense Appropriations Act, 2010.

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY SYSTEM  
FUND

For the Central Intelligence Agency Retirement and Disability System Fund, \$290,900,000 is provided for fiscal year 2010.

INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT

For the Intelligence Community Management Account, \$707,912,000 is provided for fiscal year 2010, as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

	Budget Request	House	Senate	Recommendation
Intelligence Community Management Account	672,812	672,812	672,812	672,812
Classified Adjustment		-64,810	78,000	34,300

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	Budget Request	House	Senate	Recommendation
Language Mentorship Program incorporating an electronic portfolio		1,000		800
Counter-Threat Finance-Global (Transferred to O&M, Defense-Wide)		2,000		0
<b>TOTAL, ICMA</b>	<b>672,812</b>	<b>611,002</b>	<b>750,812</b>	<b>707,912</b>

### INTELLIGENCE COMMUNITY'S BUSINESS TRANSFORMATION OFFICE

The Director of National Intelligence is directed to submit a report 90 days after the enactment of this Act that: 1) addresses the procurement challenges facing the Business Transformation Office; 2) explains where the most efficient and secure place to store the Community's business data will be for the foreseeable future; and 3) reviews the process for hiring highly qualified experts and provides recommendations that streamline the current bureaucratic process to one that allows the Director of the Business Transformation Office to efficiently build an effective staff. Finally, the report should provide a target date when all National Intelligence Program funds will achieve a sustainable unqualified audit opinion.

### INTELLIGENCE COMMUNITY EDUCATION AND TRAINING STRATEGIC DESIGN

The lack of a strategic plan for the Intelligence Community training programs and professional education curriculum is concerning. The current

patchwork of courses, language training efforts and schools is the result of multiple programs and initiatives instead of a coherent strategy. The Director of National Intelligence needs to benchmark successful programs such as the Department of Defense's National Defense University, and develop an appropriate educational and professional development strategy for the Community to create an innovative and competitive 21st century professional intelligence workforce. The Director of National Intelligence is encouraged to take steps to establish the Intelligence Community's capstone school in a manner that takes best advantage of opportunities for learning synergies and a transformative learning environment with other national security students. Further, no later than March 1, 2010, the Director of National Intelligence is directed to submit a report to the intelligence oversight committees on the feasibility of evolving the National Defense Intelligence College to a fee-for-service program.

## TITLE VIII – GENERAL PROVISIONS

The recommendation incorporates general provisions from the House and Senate versions of the bill which were not amended. Those general provisions that were addressed follow:

The recommendation modifies a general provision proposed by the House specifying that adjustments to programs, projects, and activities included in the “Explanation of Project Level Adjustments” that are increases above the budget are incorporated into law. Transfers within an appropriation account, among programs, projects and activities do not require general transfer authority as stipulated in Section 8005 of the accompanying Act. However, such transfers are subject to normal prior approval reprogramming procedures if such transfers exceed thresholds described elsewhere in this statement. Transfers between appropriation accounts are subject to the provisions of Section 8005 of the accompanying Act and are also subject to prior congressional approval. The Senate bill contained no similar provision.

The recommendation retains a provision proposed by the Senate that provides for upgrades to military ranges in Alaska. The House bill contained no similar provision.

The recommendation retains a provision proposed by the Senate that provides for limitations on the use and transfer authority of working capital fund cash balances. The House bill contained a similar provision.

The recommendation retains a provision proposed by the House that provides limitations and conditions on the use of funds made available in this Act to initiate multi-year contracts. The Senate bill contained a similar provision.

The recommendation retains a provision proposed by the House that provides for the Department of Defense to purchase anchor and mooring chains manufactured only in the United States. The Senate bill included a similar provision.

The recommendation modifies a provision proposed by both the House and Senate that prohibits funds made available to the Department of Defense from being used to demilitarize or dispose of surplus firearms.

The recommendation modifies a provision proposed by the House and Senate that restricts funds from being used to perform cost studies under OMB Circular A-76.

The recommendation modifies a provision proposed by both the House and Senate which provided funding from various appropriations for the Civil Air Patrol Corporation.

The recommendation modifies a provision proposed by both the House and Senate that provides for the number of staff years of technical effort that may be funded for defense Federally Funded Research and Development Centers (FFRDC).

The recommendation retains a provision proposed by the Senate which provides for the conveyance, without consideration, of relocatable housing units. The House bill contained a similar provision.

The recommendation modifies a provision proposed by the House which provides grant authorities for the Department of Defense acting through the Office of Economic Adjustment. The Senate contained no similar provision.

(RESCISSIONS)

The recommendation modifies a provision proposed by both the House and the Senate recommending rescissions. The rescissions agreed to are:

2008 Appropriations:

Procurement, Defense-Wide:

ASDS.....\$2,000,000

2009 Appropriations:

Procurement of Weapons and Tracked Combat Vehicles, Army:

Future Combat Systems Advance Procurement .....26,087,000

Joint Assault Bridge .....15,000,000

Other Procurement, Army:

Night Vision Devices .....131,900,000

Sequoyah Foreign Language Translation System .....6,339,000

Other Procurement, Navy:

Other Propulsion Equipment.....18,844,000

LCS Mission Modules .....66,000,000

Aircraft Procurement, Air Force:

B-52 Modifications .....12,800,000

C-130 Modifications.....8,000,000

C-130J Advance Procurement .....60,000,000

F-22 Advance Procurement.....383,000,000

Predator .....159,800,000

T-38 Modifications .....5,300,000

Missile Procurement, Air Force:	
JASSM .....	60,000,000
Other Procurement, Air Force:	
Global Combat Support System.....	8,800,000
Global Command and Control System .....	2,100,000
Procurement, Defense-Wide:	
ASDS.....	5,200,000
Research, Development, Test and Evaluation, Navy:	
Surface and Shallow Water MCM.....	20,000,000
Research, Development, Test and Evaluation, Air Force:	
C-17.....	22,403,000
Combat Training Ranges .....	6,000,000
Advanced Medium Range Air-to-Air Missile .....	5,000,000
Control and Reporting Center.....	15,000,000
Information Systems Security Program .....	11,827,000
Aerial Targets.....	7,000,000
C-130 Airlift Squadron .....	18,000,000
Logistics Information Technology (LOGIT).....	10,000,000
RDT&E for Aging Aircraft.....	3,200,000
Research, Development, Test and Evaluation, Defense-Wide:	
HBCU.....	34,457,000
DARPA .....	100,000,000
Kinetic Energy Interceptor.....	20,000,000

The recommendation retains a provision proposed by the House that provides for the Department of Defense to dispose of negative unliquidated or unexpended balances for expired or closed accounts. The Senate bill contained no similar provision.

The recommendation retains a provision proposed by the Senate that clarifies the military status of World War II Alaska Territorial Guardsmen. The House bill contained no similar provision.

The recommendation retains a provision proposed by both the House and the Senate that prohibits the use of funds made available in this Act from being used to approve or license the sale of the F-22 fighter aircraft. Additionally, the recommendation retains language proposed by the Senate that permits the Department of Defense to conduct studies and design activities to develop a future export version of the aircraft that protects classified and sensitive information. Assuming that there will be an export version of the F-22A, nothing in this provision shall restrict the Department of Defense from sharing information regarding the future export version of the F-22 pursuant to an inquiry from a foreign government that is intended to inform that government's decision regarding whether to pursue purchase of a future export version of the F-22.

The recommendation modifies a provision proposed by the House which provides \$3,750,000 only for the construction and furnishing of additional Fisher Houses. The Senate bill contained no similar provision.

The recommendation modifies a provision proposed by both the House and Senate which provides funding and transfer authority for the Arrow Missile Defense Program.

The recommendation retains a provision proposed by the Senate that provides for the transfer of funds to properly complete prior year shipbuilding programs. The House bill contained a similar provision.

The recommendation retains a provision proposed by the Senate that none of the funds available to the Department of Defense may be obligated to modify command and control relationships to give Fleet Forces Command administrative and operational control of U.S. Navy forces assigned to the Pacific Fleet. The House bill contained a similar provision.

The recommendation retains a provision proposed by the Senate that provides for the noncompetitive appointments of certain medical occupational specialties, as prescribed by section 7403(g) of Title 38, United States Code. The House bill contained a similar provision.

The recommendation retains a provision proposed by the Senate which makes available funds for public schools with unusually high concentrations of special needs military dependents enrolled. The House bill contained no similar provision.

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The recommendation retains a provision proposed by the House which provides authority for the Secretary of the Army to make a grant only to the Center for Military Recruitment, Assessment and Veterans Employment. The Senate bill contained no similar provision.

The recommendation does not retain a provision proposed by the House that permits Operation and Maintenance, Navy funds to be used to repair, maintain and operate flood control systems adjacent to the Pacific Missile Range Facility. The Senate bill contained no similar provision.

The recommendation modifies a provision proposed by both the House and the Senate providing funds for specific grants.

The recommendation retains a provision proposed by the Senate relating to the prohibition on transfer of program authorities relating to current tactical unmanned aerial vehicles (TUAV) from the Army. The House bill contained a similar provision.

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The recommendation retains a provision proposed by the Senate that provides authorities to the Joint Interagency Training and Education Center, for homeland defense/security and traditional warfighting training. The House bill contained no similar provision.

The recommendation retains a provision proposed by the Senate that makes funds available in "Operation and Maintenance, Navy" for the Asia Pacific Regional Initiative Program. The House bill contained a similar provision.

The recommendation retains a provision proposed by the Senate that reduces funding by specified amounts due to updated economic assumptions. The House bill contained no similar provision.

The recommendation retains a provision proposed by the House that provides for the creation of a major force program category for space for the Future Year Defense Program of the Department of Defense. The Senate bill contained no similar provision.

The recommendation retains a provision proposed by the House that established requirements for Director National Intelligence budget exhibits. The Senate bill contained a similar provision.

The recommendation does not retain a provision proposed by the Senate that prohibits the use of funds made available in this Act to contravene laws enacted or regulations promulgated to implement the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment. The House contained the same provision in Title IX. The issue is addressed in Title IX.

The recommendation modifies a provision proposed by the House that prohibits award fees to any defense contractor contrary to the provisions of section 814 of the National Defense Authorization Act, Fiscal Year 2007 (Public Law 109-364). The Senate bill contained no similar provision.

The recommendation retains a provision proposed by the House which directs the Secretary of Defense to maintain on the Department of Defense website a link to Office of the Inspector General of the Department of Defense. The Senate bill contained no similar provision.

The recommendation modifies a provision proposed by the Senate that provides for a reduction of excess cash balances in the Department of Defense Working Capital Funds. The House bill contained no similar provision.

The recommendation modifies a provision proposed by the House which provides for the continuation of stop loss special pay. The Senate bill contained no similar provision.

The recommendation does not retain a provision proposed by the House which provides for the use of funds for purchase of armored vehicles for force protection purposes. The Senate bill contained no similar provision.

The recommendation modifies a provision proposed by both the House and the Senate which authorizes the transfer of funds made available in title II to the Services' central fund established for Fisher Houses and Suites pursuant to section 2493(d) 10 USC.

The recommendation modifies a provision proposed by the House that authorizes the transfer of funds from the Intelligence Community Management Account for the Program Manager for the Information Sharing Environment to other departments and agencies, for certain purposes. The Senate bill contained a similar provision.

The recommendation modifies a provision proposed by the Senate regarding the availability of operation and maintenance funding to make remittances to the Acquisition Workforce Development Fund. The House bill contained no similar provision.

The recommendation does not retain a provision proposed by the Senate that requires reports on certain elements of the ballistic missile defense system. The House bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation modifies a provision proposed by the Senate that not less than \$15,000,000 be made available for high priority National Guard counter-drug programs. The House bill contained no similar provision.

The recommendation retains a provision proposed by the Senate that provides an apology to the Native Peoples of the United States. The House bill contained no similar provision.

The recommendation does not retain a provision proposed by the Senate that requires a report on the use of live primates in training relating to chemical and biological agents. The House bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the Senate that expresses the sense of the Senate on Joint STARS re-engineing. The House bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation modifies a provision proposed by the Senate that requires public disclosure of certain reports. The House bill contained no similar provision.

The recommendation does not retain a provision proposed by the Senate that requires a report on Federal contracting fraud. The House bill

contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the Senate that makes funds available for Gulf War Illness Research. The House bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation modifies a provision proposed by the Senate that expresses the sense of Congress and requires a report on the Nevada Test Site. The House bill contained no similar provision.

The recommendation does not retain a provision proposed by the Senate that makes funds available from the Office of the Secretary of Defense for declassification of the 2001 nuclear posture review. The House bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the Senate that makes funds available from Operation and Maintenance,

Defense-Wide for a Military and Overseas Voter Empowerment Act. The House bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the Senate that restricts funding to dispose of claims filed regarding water contamination. The House bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the Senate that work under Logistics Civil Augmentation Program complies with standards. This issue is addressed in Title II of this statement.

The recommendation modifies a provision proposed by the Senate that prohibits any funds to be used for any Federal contract with specified entities if such entities require their employees to sign mandatory arbitration clauses. The House bill contained no similar provision.

The recommendation does not retain a provision proposed by the Senate that limits the early retirement of tactical aircraft. The House bill

contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the Senate that restores funding for the two-stage ground-based interceptor program. The House bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the Senate that makes funds available for the evaluations and analyses of certain laser systems. The House bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the House that places restrictions on reprogramming funds provided for the National Intelligence Program. The Senate bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation modifies a provision proposed by the House that prohibits the award to a contractor or conversion to performance by a

contractor of any functions performed by Federal employees pursuant to a study conducted under OMB circular A-76 as of the date of enactment of this Act. The Senate bill contained no similar provision.

The recommendation does not retain a provision proposed by the House authorizing the Secretary of Defense to transfer to the appropriation "Foreign Currency Fluctuations, Defense" unobligated funds appropriated for Operation and Maintenance and Military Personnel. The Senate bill contained no similar provision.

The recommendation does not retain a provision proposed by the House that reduces amounts appropriated in title II of this Act to reflect excess cash balances in Department of Defense Working Capital Funds. The Senate bill contained no similar provision.

The recommendation modifies a provision proposed by the House that prohibits the use of National Intelligence Program funds appropriated in this Act for certain purposes. The Senate bill contained no similar provision.

The recommendation modifies a provision proposed by the House that appropriates funds to the “Tanker Replacement Transfer Fund” and authorizes their transfer under certain circumstances for specified purposes.

The recommendation does not retain a provision proposed by the House that provides benefits to any member or former member of the Armed Forces who would have qualified for a day of administrative absence under the Post-Deployment/Mobilization Respite Absence program. The Senate bill contained no similar provision.

The recommendation retains a provision proposed by the House that provides resettlement support for certain refugees. The Senate bill contained no similar provision.

The recommendation modifies a provision proposed by both the House and Senate that requires congressional earmarks, when awarded to a for-profit entity, to be awarded under full and open competition.

The recommendation does not retain a provision proposed by the House that reduces amounts appropriated in title II of this Act. The Senate bill contained no similar provision. The issue is addressed in Title IX.

The recommendation does not retain a provision proposed by the House that sets certain criteria for the appointment of members of integration panels overseeing Congressionally Directed Medical Research programs related to breast cancer. The Senate bill contained no similar provision.

The recommendation does not retain a provision proposed by the House that prohibits the use of funds to eliminate any personnel positions from the 194<sup>th</sup> Regional Support Wing of the Air National Guard as of the date of enactment of this Act. The Senate bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the House regarding the release and transfer of detainees from Naval Station

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Guantanamo Bay, Cuba. The Senate bill contained a similar provision in Title IX. The issue is addressed in Title IX.

The recommendation does not retain a provision proposed by the House that prohibits the use of funds for advance procurement of the F-22 and provides that funds made available in title III under the heading "Aircraft Procurement, Air Force" may be available for other specified purposes. The Senate bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the House which reduces funds for the Defense Health Program in operation and maintenance and increases funds in research, development, test and evaluation. The Senate bill contained no similar provision.

The recommendation modifies a provision proposed by the House that prohibits the awarding to a contractor, or convert to performance by a contractor, any function at the United States Military Academy at West Point. The Senate bill contained no similar provision.

The recommendation does not retain a provision proposed by the House that reduces funds in Operation and Maintenance, Air Force and increases funds in Chemical Agents and Munitions Destruction, Defense. The Senate bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the House that prohibits the privatization of government-owned ammunition production assets. The Senate bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the Senate that requires the Secretary of the Army to certify any transfers to private ammunition manufacturers. The House bill contained no similar provision. The issue is addressed elsewhere in the statement.

The recommendation retains a provision proposed by the Senate that prohibits funding of the Association Community Organizations for Reform Now. The House bill contained no similar provision. The Senate bill addressed this issue in Title IX.

## TITLE IX – OVERSEAS CONTINGENCY OPERATIONS

### REPORTING REQUIREMENTS

The Secretary of Defense is directed to provide a report to the congressional defense committees within 30 days of the enactment of this Act on the allocation of the funds within the accounts listed in this title. The Secretary shall submit updated reports 30 days after the end of each fiscal quarter until funds listed in this title are no longer available for obligation. This report shall include: a detailed accounting of obligations and expenditures of appropriations provided in this title by program and sub-activity group for the continuation of military operations in Iraq and Afghanistan; and a listing of equipment procured using funds provided in this title.

Additionally, the Secretary of Defense is directed to continue to report incremental contingency operations costs for Operation Iraqi Freedom and Operation Enduring Freedom on a monthly basis in the Cost of War Execution report as required by Department of Defense Financial Management Regulation, chapter 23, volume 12. Further, the Secretary of Defense is directed to continue to provide the Cost of War reports to the congressional defense committees that include the following information by appropriation: funding appropriated, funding

allocated, monthly obligations, monthly disbursements, cumulative fiscal year obligations and cumulative fiscal year disbursements.

In order to meet unanticipated requirements, the Department of Defense may need to transfer funds within these appropriations accounts for purposes other than those specified in this report. The Secretary of Defense is directed to follow normal prior approval reprogramming procedures should it be necessary to transfer funding between different appropriations accounts in this title.

#### PROGRESS REPORT ON IRAQ

Section 316 of Public Law 111-32, Supplemental Appropriations Act, 2009 directed the Secretary of Defense to submit to Congress on a quarterly basis a report on "Iraq Troop Drawdown Status, Goals and Timetable." Section 316 requires this report to be prepared and submitted every 90 days through September 30, 2010. The recommendation does not repeat section 9010 from the House-passed Department of Defense Appropriations Act, 2010 which repeated this requirement. It is expected that the Department will continue to submit the report as required through September 30, 2010.

## BUDGET AMENDMENT

The recommendation fully funds an increase in the Army's end strength, as requested by the Department of Defense in a formal budget amendment submitted on August 13, 2009, after the House had already completed consideration of the Department of Defense Appropriations Act, 2010. The budget amendment, which provides \$1,012,600,000 to recruit, retain and support an additional 15,000 soldiers in fiscal year 2010, has been accepted. It is understood that these additional soldiers, and the 7,000 additional soldiers the Department plans to add in fiscal year 2011, are needed temporarily to allow existing Brigade Combat Teams to deploy at full strength. There is a concern about the strain on the Army imposed by the on-going high operations tempo in Iraq and the increased demand in Afghanistan. There is also concern about the Department's decision to fund this temporary growth in end-strength by reducing funding for much-needed trucks and tactical vehicles. While it is believed that combat units in the theater of operations are being provided with the required quantity of high-quality tactical vehicles, concern remains that the Department is not requesting adequate funding to reset and replenish damaged and worn-out vehicles or addressing vehicle shortages in the National Guard and the reserve forces. Accordingly, the recommendation provides funding of \$1,063,038,000 for High Mobility Multipurpose Wheeled Vehicles (HMMWV), and \$863,357,000 for the Family of Medium Tactical

Vehicles. The recommendation provides much needed trucks for the active Army, the Army National Guard and the Army Reserve.

### MI-17 HELICOPTERS

There is concern with the Department's growing reliance on the Mi-17 helicopter to meet critical tactical lift requirements for Afghanistan, Iraq and Pakistan security forces. This platform has exceptionally-high maintenance requirements. Parts and service are not readily available in the theater of operations. Furthermore, the Mi-17 is in high demand by U.S. forces operating in and training for Afghanistan, but there are only two foreign-owned plants producing new aircraft at this time. Therefore, the Secretary of Defense is directed to report to the congressional defense committees not later than sixty days after the enactment of this Act on the Department of Defense's current and anticipated demand for Mi-17s for U.S., Afghanistan, Iraq and Pakistan security forces, the anticipated availability or shortage of additional airframes, the sustainability of the airframes currently slated for use by Afghanistan and Iraq security forces, an analysis of alternative airframes, and the future costs and funding sources available for procuring Mi-17s.

## MEDICAL TREATMENT FOR CONTRACTORS

There is concern that American workers are not getting reasonable medical treatment for injuries they have suffered while working in a combat zone.

Accordingly, the Department is urged to encourage Federal contractors to provide access to the most effective treatment available for injuries suffered while working outside the United States in support of military operations, including Operation Iraqi Freedom and Operation Enduring Freedom; and encourage Federal contractors performing a Federal contract outside the United States to ensure that American workers performing the contract receive the same benefits for injuries suffered outside the United States that they would receive if they were working within the United States.

## **MILITARY PERSONNEL**

For Military Personnel, funds are to be available for fiscal year 2010, as follows:

	Budget request	House	Senate	Recommendation
<b>Military Personnel, Army</b>				
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>				
BASIC PAY	1,092,996	957,492	1,092,996	1,092,996
RETIRED PAY ACCRUAL	278,338	234,598	278,338	278,338
BASIC ALLOWANCE FOR HOUSING	307,496	270,307	307,496	307,496
BASIC ALLOWANCE FOR SUBSISTENCE	39,353	34,932	39,353	39,353
INCENTIVE PAYS	9,733	7,682	9,733	9,733
SPECIAL PAYS	145,278	158,837	145,278	145,278
Hostile Fire Pay-Transferred from Title I		4,790		
Hardship Duty Pay-Transferred from Title I		7,560		
Foreign Language Proficiency Pay-Transferred from Title I		11,422		
ALLOWANCES	71,925	63,526	71,925	71,925
SEPARATION PAY	15,209	14,495	15,209	15,209
SOCIAL SECURITY TAX	83,526	73,253	83,526	83,526
TOTAL BA-1	2,043,854	1,815,122	2,043,854	2,043,854
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>				
BASIC PAY	2,198,707	2,033,050	2,198,707	2,198,707
RETIRED PAY ACCRUAL	551,605	498,098	551,605	551,605
BASIC ALLOWANCE FOR HOUSING	881,953	851,950	881,953	881,953
INCENTIVE PAYS	18,335	102,619	18,335	18,335
SPECIAL PAYS	730,018	672,799	721,018	675,518
Hostile Fire Pay-Transferred from Title I		16,374		
Hardship Duty Pay-Transferred from Title I		45,000		
Foreign Language Proficiency Pay-Transferred from Title I		25,237		
Stop Loss/Stabilization Pay - Excess to Requirement		-46,000		-46,000
Stop Loss/Stabilization Pay - Transfer to Reserve Personnel, Army		-8,000	-9,000	-8,500
ALLOWANCES	286,973	281,133	286,973	286,973
SEPARATION PAY	23,793	22,937	23,793	23,793
SOCIAL SECURITY TAX	168,228	155,533	168,228	168,228
TOTAL BA-2	4,859,612	4,618,119	4,850,612	4,805,112
<b>BA-4: SUBSISTENCE OF ENLISTED PERSONNEL</b>				
BASIC ALLOWANCE FOR SUBSISTENCE	448,940	427,578	448,940	448,940
SUBSISTENCE-IN-KIND	1,728,276	1,716,246	1,728,276	1,728,276
TOTAL BA-4	2,177,216	2,143,824	2,177,216	2,177,216
<b>BA-5: PERMANENT CHANGE OF STATION TRAVEL</b>				
OPERATIONAL TRAVEL	82,714	82,714	82,714	82,714
ROTATIONAL TRAVEL	68,271	68,271	68,271	68,271
TOTAL BA-5	150,985	150,985	150,985	150,985
<b>BA-6: OTHER MILITARY PERSONNEL COSTS</b>				
INTEREST ON UNIFORMED SERVICE SAVINGS	16,000	16,000	16,000	16,000
DEATH GRATUITIES	96,000	96,000	96,000	96,000
UNEMPLOYMENT BENEFITS	91,134	91,134	91,134	91,134
RESERVE INCOME REPLACEMENT PROGRAM	800	800	800	800
SGLI EXTRA HAZARD PAYMENTS	170,739	170,739	170,739	170,739
TOTAL BA-6	374,673	374,673	374,673	374,673
Undistributed Transfer from Title I		1,390,000		407,000
<b>Total Military Personnel, Army</b>	<b>9,606,340</b>	<b>10,492,723</b>	<b>9,597,340</b>	<b>9,958,840</b>

	Budget request	House	Senate	Recommendation
<b>Military Personnel, Navy</b>				
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>				
BASIC PAY	215,202	215,202	215,202	215,202
RETIRED PAY ACCRUAL	59,329	59,329	59,329	59,329
BASIC ALLOWANCE FOR HOUSING	66,622	66,622	66,622	66,622
BASIC ALLOWANCE FOR SUBSISTENCE	7,559	7,559	7,559	7,559
INCENTIVE PAYS	999	999	999	999
SPECIAL PAYS	17,584	21,471	17,584	17,584
Hardship Duty Pay-Transferred from Title I		899		
Imminent Danger Pay-Transferred from Title I		481		
Foreign Language Proficiency Pay-Transferred from Title I		2,507		
ALLOWANCES	15,301	15,301	15,301	15,301
SEPARATION PAY	7	7	7	7
SOCIAL SECURITY TAX	16,463	16,463	16,463	16,463
TOTAL BA-1	399,066	402,953	399,066	399,066
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>				
BASIC PAY	248,916	248,916	248,916	248,916
RETIRED PAY ACCRUAL	69,363	69,363	69,363	69,363
BASIC ALLOWANCE FOR HOUSING	118,130	118,130	118,130	118,130
INCENTIVE PAYS	360	360	360	360
SPECIAL PAYS	92,218	116,447	92,218	92,218
Hardship Duty Pay-Transferred from Title I		8,330		
Imminent Danger Pay-Transferred from Title I		899		
Foreign Language Proficiency Pay-Transferred from Title I		15,000		
ALLOWANCES	29,292	29,292	29,292	29,292
SEPARATION PAY	3,690	3,690	3,690	3,690
SOCIAL SECURITY TAX	19,042	19,042	19,042	19,042
TOTAL BA-2	581,011	605,240	581,011	581,011
<b>BA-4: SUBSISTENCE OF ENLISTED PERSONNEL</b>				
BASIC ALLOWANCE FOR SUBSISTENCE	29,573	29,573	29,573	29,573
SUBSISTENCE-IN-KIND	13,021	13,021	13,021	13,021
TOTAL BA-4	42,594	42,594	42,594	42,594
<b>BA-5: PERMANENT CHANGE OF STATION TRAVEL</b>				
ACCESSION TRAVEL	4,951	4,951	4,951	4,951
OPERATIONAL TRAVEL	22,700	22,700	22,700	22,700
ROTATIONAL TRAVEL	28,660	28,660	28,660	28,660
SEPARATION TRAVEL	2,977	2,977	2,977	2,977
TOTAL BA-5	59,288	59,288	59,288	59,288
<b>BA-6: OTHER MILITARY PERSONNEL COSTS</b>				
DEATH GRATUITIES	3,800	3,800	3,800	3,800
UNEMPLOYMENT BENEFITS	36,624	36,624	36,624	36,624
SGLI EXTRA HAZARD PAYMENTS	53,218	53,218	53,218	53,218
TOTAL BA-6	93,642	93,642	93,642	93,642
Undistributed Transfer from Title I		419,000		213,000
<b>Total Military Personnel, Navy</b>	<b>1,175,601</b>	<b>1,622,717</b>	<b>1,175,601</b>	<b>1,388,601</b>

	Budget request	House	Senate	Recommendation
<b>Military Personnel, Marine Corps</b>				
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>				
BASIC PAY	60,845	60,845	60,845	60,845
RETIRED PAY ACCRUAL	14,907	14,907	14,907	14,907
BASIC ALLOWANCE FOR HOUSING	21,186	21,186	21,186	21,186
BASIC ALLOWANCE FOR SUBSISTENCE	2,439	2,439	2,439	2,439
SPECIAL PAYS	11,708	24,559	11,708	11,708
Hardship Duty Pay-Transferred from Title I		265		
Imminent Danger Pay-Transferred from Title I		8,281		
Foreign Language Proficiency Pay-Transferred from Title I		4,305		
ALLOWANCES	4,752	4,752	4,752	4,752
SOCIAL SECURITY TAX	4,655	4,655	4,655	4,655
TOTAL BA-1	120,492	133,343	120,492	120,492
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>				
BASIC PAY	203,422	203,422	203,422	203,422
RETIRED PAY ACCRUAL	49,838	49,838	49,838	49,838
BASIC ALLOWANCE FOR HOUSING	53,860	53,860	53,860	53,860
SPECIAL PAYS	86,151	108,048	86,151	86,151
Hardship Duty Pay-Transferred from Title I		2,602		
Imminent Danger Pay-Transferred from Title I		7,655		
Foreign Language Proficiency Pay-Transferred from Title I		11,640		
ALLOWANCES	35,331	35,331	35,331	35,331
SEPARATION PAY	3,017	3,017	3,017	3,017
SOCIAL SECURITY TAX	15,562	15,562	15,562	15,562
TOTAL BA-2	447,181	469,078	447,181	447,181
<b>BA-4: SUBSISTENCE OF ENLISTED PERSONNEL</b>				
BASIC ALLOWANCE FOR SUBSISTENCE	24,472	24,472	24,472	24,472
TOTAL BA-4	24,472	24,472	24,472	24,472
<b>BA-5: PERMANENT CHANGE OF STATION TRAVEL</b>				
ACCESSION TRAVEL	3,451	3,451	3,451	3,451
TOTAL BA-5	3,451	3,451	3,451	3,451
<b>BA-6: OTHER MILITARY PERSONNEL COSTS</b>				
DEATH GRATUITIES	18,000	18,000	18,000	18,000
UNEMPLOYMENT BENEFITS	20,500	20,500	20,500	20,500
SGLI EXTRA HAZARD PAYMENTS	36,626	36,626	36,626	36,626
TOTAL BA-6	75,126	75,126	75,126	75,126
Undistributed Transfer from Title I		292,000		108,000
<b>Total Military Personnel, Marine Corps</b>	<b>670,722</b>	<b>997,470</b>	<b>670,722</b>	<b>778,722</b>

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	Budget request	House	Senate	Recommendation
<b>Military Personnel, Air Force</b>				
<b>BA-1: PAY AND ALLOWANCES OF OFFICERS</b>				
BASIC PAY	190,761	190,761	190,761	190,761
RETIRED PAY ACCRUAL	46,736	46,736	46,736	46,736
BASIC ALLOWANCE FOR HOUSING	61,363	61,363	61,363	61,363
BASIC ALLOWANCE FOR SUBSISTENCE	7,819	7,819	7,819	7,819
SPECIAL PAYS	15,428	28,043	15,428	15,428
Hostile Fire Pay-Transferred from Title I		5,501		
Hardship Duty Pay-Transferred from Title I		1,808		
Foreign Language Proficiency Pay-Transferred from Title I		5,306		
ALLOWANCES	6,831	6,831	6,831	6,831
SOCIAL SECURITY TAX	14,593	14,593	14,593	14,593
TOTAL BA-1	343,531	356,146	343,531	343,531
<b>BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL</b>				
BASIC PAY	481,323	481,323	481,323	481,323
RETIRED PAY ACCRUAL	117,924	117,924	117,924	117,924
BASIC ALLOWANCE FOR HOUSING	179,800	179,800	179,800	179,800
SPECIAL PAYS	61,617	127,963	61,617	61,617
Hostile Fire Pay-Transferred from Title I		37,935		
Hardship Duty Pay-Transferred from Title I		10,848		
Foreign Language Proficiency Pay-Transferred from Title I		17,563		
ALLOWANCES	22,458	22,458	22,458	22,458
SOCIAL SECURITY TAX	36,821	36,821	36,821	36,821
TOTAL BA-2	899,943	966,289	899,943	899,943
<b>BA-4: SUBSISTENCE OF ENLISTED PERSONNEL</b>				
BASIC ALLOWANCE FOR SUBSISTENCE	41,213	41,213	41,213	41,213
SUBSISTENCE-IN-KIND	70,563	70,563	70,563	70,563
TOTAL BA-4	111,776	111,776	111,776	111,776
<b>BA-5: PERMANENT CHANGE OF STATION TRAVEL</b>				
OPERATIONAL TRAVEL	5,848	5,848	5,848	5,848
TOTAL BA-5	5,848	5,848	5,848	5,848
<b>BA-6: OTHER MILITARY PERSONNEL COSTS</b>				
DEATH GRATUITIES	2,000	2,000	2,000	2,000
UNEMPLOYMENT BENEFITS	16,244	16,244	16,244	16,244
SGLI EXTRA HAZARD PAYMENTS	66,034	66,034	66,034	66,034
TOTAL BA-6	84,278	84,278	84,278	84,278
Undistributed Transfer from Title I		331,000		222,000
<b>Total Military Personnel, Air Force</b>	<b>1,445,376</b>	<b>1,855,337</b>	<b>1,445,376</b>	<b>1,667,376</b>
<b>Reserve Personnel, Army</b>				
<b>BA-1: UNIT AND INDIVIDUAL TRAINING</b>				
PAY GROUP A TRAINING (15 DAYS and DRILLS 24/48)	128,666	128,666	118,666	118,666
Excess to Requirement			-10,000	-10,000
SCHOOL TRAINING	11,200	11,200	11,200	11,200
SPECIAL TRAINING	154,771	154,771	154,771	154,771
UNDISTRIBUTED ADJUSTMENT		8,000	9,000	8,500
Stop Loss/Stabilization Pay Program		8,000	9,000	8,500
<b>Total Reserve Personnel, Army</b>	<b>294,637</b>	<b>302,637</b>	<b>293,637</b>	<b>293,137</b>

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	Budget request	House	Senate	Recommendation
<b>Reserve Personnel, Navy</b>				
BA-1: UNIT AND INDIVIDUAL TRAINING				
SCHOOL TRAINING	5,000	5,000	5,000	5,000
SPECIAL TRAINING	33,400	33,400	31,400	31,400
Excess to Requirement			-2,000	-2,000
ADMINISTRATION AND SUPPORT	640	640	640	640
<b>Total Reserve Personnel, Navy</b>	<b>39,040</b>	<b>39,040</b>	<b>37,040</b>	<b>37,040</b>
<b>Reserve Personnel, Marine Corps</b>				
BA-1: UNIT AND INDIVIDUAL TRAINING				
SCHOOL TRAINING	5,887	5,887	5,887	5,887
SPECIAL TRAINING	25,450	25,450	25,450	25,450
<b>Total Reserve Personnel, Marine Corps</b>	<b>31,337</b>	<b>31,337</b>	<b>31,337</b>	<b>31,337</b>
<b>Reserve Personnel, Air Force</b>				
BA-1: UNIT AND INDIVIDUAL TRAINING				
SPECIAL TRAINING	24,822	24,822	19,822	19,822
Excess to Requirement			-5,000	-5,000
<b>Total Reserve Personnel, Air Force</b>	<b>24,822</b>	<b>24,822</b>	<b>19,822</b>	<b>19,822</b>
<b>National Guard Personnel, Army</b>				
BA-1: UNIT AND INDIVIDUAL TRAINING				
PAY GROUP A TRAINING (15 DAYS and DRILLS 24/48)	478,203	478,203	463,203	463,203
Excess to Requirement			-15,000	-15,000
SPECIAL TRAINING	361,763	361,763	361,763	361,763
<b>Total National Guard Personnel, Army</b>	<b>839,966</b>	<b>839,966</b>	<b>824,966</b>	<b>824,966</b>
<b>National Guard Personnel, Air Force</b>				
BA-1: UNIT AND INDIVIDUAL TRAINING				
SPECIAL TRAINING	18,500	18,500	9,500	9,500
Excess to Requirement			-9,000	-9,000
<b>Total National Guard Personnel, Air Force</b>	<b>18,500</b>	<b>18,500</b>	<b>9,500</b>	<b>9,500</b>

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## OPERATION AND MAINTENANCE

For Operation and Maintenance, funds are to be available for fiscal year

2010, as follows:

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O-1		Budget Request	House	Senate	Recommendation
<b>OPERATION &amp; MAINTENANCE, ARMY</b>					
135	<b>ADDITIONAL ACTIVITIES</b>	36,526,999	29,064,719	36,388,405	36,139,639
	Transfer to OCOTF		-7,266,180		
	Reduce LOGCAP Growth			-400,000	-400,000
	Army Asymmetric Warfare Office			-17,000	-17,000
	Transfer from Base: CASEVAC/Logistics Rotary Wing				
	Contract for OEF-Philippines			18,500	
	Transfer from Base: Family Readiness Support Assistants			59,891	
	Transfer from Base: Child Care/Youth Development Programs			69,320	
	Transfer from Base: Installation Support			10,088	
	Transfer from Base: Warfighter and Family Services			78,514	
	Transfer from Base: Reception Stations			2,076	
	Transfer from Base: Wounded Warrior Program			10,377	
	Transfer from JIEDDO: OPS - US Army Home Station C-IED Lanes II			8,100	8,100
	Transfer from JIEDDO: JCOE - C-IED Live-Fire Environment			500	500
	Transfer from JIEDDO: JCOE - Biometrics Training Integration			1,000	1,000
	Transfer from JIEDDO: JCOE - First Army CTC Leveling			3,100	3,100
	Transfer from JIEDDO: JCOE - JRTC Simulated Radio Infrastructure Expansion			260	260
	Transfer from JIEDDO: OPS - Joint Total Entity Tracking for Instrumented Battlefield			770	770
	Transfer from JIEDDO: JCOE - USA Company Intel Support Teams (CoIST)			2,250	2,250
	Transfer from JIEDDO: OPS - Biometrics MTT			1,870	1,870
	Transfer from JIEDDO: OPS - Battlefield Forensics MTT Course			6,790	6,790
	Transfer from JIEDDO: OPS - JTTP Modeling and Simulation			5,000	5,000
136	<b>COMMANDERS EMERGENCY RESPONSE PROGRAM</b>	1,500,000	1,300,000	1,200,000	1,200,000
	Unjustified request		-200,000		-300,000
	Transfer to MRAP Fund for Urgent Unfunded Requirement			-300,000	
137	<b>RESET</b>	7,867,551	6,294,041	7,867,551	7,867,551
	Transfer to OCOTF		-1,573,510		
411	<b>SECURITY PROGRAMS</b>	1,426,309	1,140,547	1,426,309	1,426,309
	Transfer to OCOTF		-285,262		
	Classified Adjustments		-500		
421	<b>SERVICEWIDE TRANSPORTATION</b>	5,045,902	4,036,722	5,045,902	5,045,902
	Transfer to OCOTF		-1,009,180		
	<b>TRANSFER TO OCOTF</b>				-3,628,247
	<b>UNJUSTIFIED REQUEST FOR CONTRACTED SUPPORT IN THEATER</b>				-230,000
<b>TOTAL, OPERATION &amp; MAINTENANCE, ARMY</b>		<b>52,366,761</b>	<b>41,836,029</b>	<b>51,928,167</b>	<b>47,821,154</b>

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O-1		Budget Request	House	Senate	Recommendation
<b>OPERATION &amp; MAINTENANCE, NAVY</b>					
1A1A	MISSION AND OTHER FLIGHT OPERATIONS	1,138,398	910,718	1,138,398	1,138,398
	Transfer to OCOTF		-227,680		
1A2A	FLEET AIR TRAINING	2,640	2,112	2,640	2,640
	Transfer to OCOTF		-528		
1A3A	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	1,212	970	1,212	1,212
	Transfer to OCOTF		-242		
1A4A	AIR OPERATIONS AND SAFETY SUPPORT	26,815	21,452	26,815	26,815
	Transfer to OCOTF		-5,363		
1A4N	AIR SYSTEMS SUPPORT	44,532	35,626	44,532	44,532
	Transfer to OCOTF		-8,906		
1A5A	AIRCRAFT DEPOT MAINTENANCE	158,559	126,847	158,559	158,559
	Transfer to OCOTF		-31,712		
1B1B	MISSION AND OTHER SHIP OPERATIONS	651,209	520,967	651,209	651,209
	Transfer to OCOTF		-130,242		
1B2B	SHIP OPERATIONS SUPPORT & TRAINING	22,489	17,991	22,489	22,489
	Transfer to OCOTF		-4,498		
1B4B	SHIP DEPOT MAINTENANCE	1,001,037	800,830	1,001,037	1,001,037
	Transfer to OCOTF		-200,207		
1C1C	COMBAT COMMUNICATIONS	20,704	16,563	20,704	20,704
	Transfer to OCOTF		-4,141		
1C4C	WARFARE TACTICS	15,918	12,734	15,918	15,918
	Transfer to OCOTF		-3,184		
1C5C	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	16,889	13,511	16,889	16,889
	Transfer to OCOTF		-3,378		
1C6C	COMBAT SUPPORT FORCES	1,891,799	1,513,439	1,818,779	1,809,299
	Transfer to OCOTF		-378,360		
	Unjustified Growth Based on Allocation and Execution Data	--		-100,000	-100,000
	Transfer from JIEDDO: OPS - Joint Training COIC (JTCOIC) (Proof of Concept)	--		17,500	17,500
	Transfer from JIEDDO: OPS - Future Immersive Training Environment (FITE) (Tranferred to RDT&E, Navy line number 20)	--		9,480	

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O-1		Budget Request	House	Senate	Recommendation
1C7C	EQUIPMENT MAINTENANCE Transfer to OCOTF	306	245 -61	306	306
1CCH	COMBATANT COMMANDERS CORE OPERATIONS Transfer to OCOTF	6,929	5,543 -1,386	6,929	6,929
1CCM	COMBATANT COMMANDERS DIRECT MISSION SUPPORT Transfer to OCOTF	7,344	5,875 -1,469	7,344	7,344
1D3D	IN-SERVICE WEAPONS SYSTEMS SUPPORT Transfer to OCOTF	68,759	55,007 -13,752	68,759	68,759
1D4D	WEAPONS MAINTENANCE Transfer to OCOTF	82,496	65,997 -16,499	82,496	82,496
1D7D	OTHER WEAPON SYSTEMS SUPPORT Transfer to OCOTF	16,902	13,522 -3,380	16,902	16,902
BSM1	FACILITIES, SUSTAINMENT, RESTORATION AND MODERNIZATION Transfer to OCOTF	7,629	6,103 -1,526	7,629	7,629
BSS1	BASE OPERATING SUPPORT Transfer to OCOTF	338,604	270,883 -67,721	338,604	338,604
2A1F	SHIP PREPOSITIONING AND SURGE Transfer to OCOTF	27,290	21,832 -5,458	27,290	27,290
2C1H	FLEET HOSPITAL PROGRAM Transfer to OCOTF	4,336	3,469 -867	4,336	4,336
2C3H	COAST GUARD SUPPORT Transfer to OCOTF Transfer to Department of Homeland Security	245,039	196,031 -49,008	3,536 -241,503	3,536 -241,503
3B1K	SPECIALIZED SKILL TRAINING Transfer to OCOTF	97,995	78,396 -19,599	97,995	97,995
3B4K	TRAINING SUPPORT Transfer to OCOTF Training Support--Baseline Budget Requirement	5,463	4,370 -1,093	0 -5,463	0 -5,463
4A1M	ADMINISTRATION Transfer to OCOTF	3,899	3,119 -780	3,899	3,899
4A2M	EXTERNAL RELATIONS Transfer to OCOTF	463	370 -93	463	463

O-1	Budget Request	House	Senate	Recommendation
4A4M MILITARY MANPOWER AND PERSONNEL MANAGEMENT	563	450	563	563
Transfer to OCOTF		-113		
4A5M OTHER PERSONNEL SUPPORT	2,525	2,020	2,525	2,525
Transfer to OCOTF		-505		
4A6M SERVICEWIDE COMMUNICATIONS	23,557	18,846	23,557	23,557
Transfer to OCOTF		-4,711		
4B1N SERVICEWIDE TRANSPORTATION	223,890	179,112	223,890	223,890
Transfer to OCOTF		-44,778		
4B3N ACQUISITION AND PROGRAM MANAGEMENT	642	514	642	642
Transfer to OCOTF		-128		
4C1P NAVAL INVESTIGATIVE SERVICE	37,452	29,962	37,452	37,452
Transfer to OCOTF		-7,490		
999 OTHER PROGRAMS	25,299	20,239	25,299	25,299
Transfer to OCOTF		-5,060		
TRANSFER TO OCOTF				-414,192
<b>TOTAL, OPERATION &amp; MAINTENANCE, NAVY</b>	<b>6,219,583</b>	<b>4,975,666</b>	<b>5,899,597</b>	<b>5,475,925</b>

**OPERATION & MAINTENANCE, MARINE CORPS**

1A1A OPERATIONAL FORCES	2,048,844	1,639,075	2,048,844	2,048,844
Transfer to OCOTF		-409,769		
1A2A FIELD LOGISTICS	486,014	388,811	493,684	493,684
Transfer to OCOTF		-97,203		
Transfer from JIEDDO: OPS - Infantry Immersion Trainer			3,900	3,900
Transfer from JIEDDO: JCOE - C-IED Live-Fire Environment			500	500
Transfer from JIEDDO: OPS - Joint Total Entity Tracking for Instrumented Battlefield			350	350
Transfer from JIEDDO: JCOE - USMC-Company Intelligence Support Teams - CLIC			2,920	2,920
1A3A DEPOT MAINTENANCE	554,000	443,200	554,000	554,000
Transfer to OCOTF		-110,800		
1B2B NORWAY PREPOSITIONING	950	760	950	950
Transfer to OCOTF		-190		

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O-1		Budget Request	House	Senate	Recommendation
BSS1	BASE OPERATING SUPPORT	121,700	97,360	187,700	101,700
	Transfer to OCOTF		-24,340		
	Unjustified Growth			-20,000	-20,000
	Transfer from Base: Family Support Programs			86,000	
3B1D	SPECIALIZED SKILL TRAINING	6,303	5,042	6,303	6,303
	Transfer to OCOTF		-1,261		
3B3D	PROFESSIONAL DEVELOPMENT EDUCATION	923	738	923	923
	Transfer to OCOTF		-185		
3B4D	TRAINING SUPPORT	205,625	164,500	205,625	205,625
	Transfer to OCOTF		-41,125		
4A2G	SPECIAL SUPPORT	2,576	2,061	2,576	2,576
	Transfer to OCOTF		-515		
4A3G	SERVICEWIDE TRANSPORTATION	269,415	215,532	269,415	269,415
	Transfer to OCOTF		-53,883		
4A4G	ADMINISTRATION	5,250	4,200	5,250	5,250
	Transfer to OCOTF		-1,050		
	TRANSFER TO OCOTF				-259,012
<b>TOTAL, OPERATION &amp; MAINTENANCE, MARINE CORPS</b>		<b>3,701,600</b>	<b>2,961,279</b>	<b>3,775,270</b>	<b>3,430,258</b>

**OPERATION & MAINTENANCE, AIR FORCE**

011A	PRIMARY COMBAT FORCES	1,582,431	1,265,945	1,582,431	1,582,431
	Transfer to OCOTF		-316,486		
011C	COMBAT ENHANCEMENT FORCES	1,460,018	1,168,014	1,460,018	1,460,018
	Transfer to OCOTF		-292,004		
011D	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	109,255	87,404	109,255	109,255
	Transfer to OCOTF		-21,851		
011M	DEPOT MAINTENANCE	304,540	243,632	304,540	304,540
	Transfer to OCOTF		-60,908		
011R	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	121,881	97,505	121,881	121,881
	Transfer to OCOTF		-24,376		
011Z	BASE SUPPORT	1,394,809	1,115,847	1,394,809	1,394,809
	Transfer to OCOTF		-278,962		

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O-1		Budget Request	House	Senate	Recommendation
012A	GLOBAL C3I AND EARLY WARNING Transfer to OCOTF	130,885	104,708 -26,177	130,885	130,885
012C	OTHER COMBAT OPS SPT PROGRAMS Transfer to OCOTF Transfer from JIEDDO: JCOE - C-IED ISR Integration	407,554	326,043 -81,511	409,554 2,000	409,554 2,000
013C	SPACE CONTROL SYSTEMS Transfer to OCOTF	38,677	30,942 -7,735	38,677	38,677
015A	COMBATANT COMMANDERS DIRECT MISSION SUPPORT Transfer to OCOTF CENTCOM Information Operations	157,000	0 -7,000 -150,000	137,000 -20,000	132,000 -25,000
021A	AIRLIFT OPERATIONS Transfer to OCOTF	3,171,148	2,536,918 -634,230	3,171,148	3,171,148
021D	MOBILIZATION PREPAREDNESS Transfer to OCOTF	169,659	135,727 -33,932	169,659	169,659
021M	DEPOT MAINTENANCE Transfer to OCOTF	167,070	133,656 -33,414	167,070	167,070
021R	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION Transfer to OCOTF	942	754 -188	942	942
021Z	BASE SUPPORT Transfer to OCOTF	45,998	36,798 -9,200	45,998	45,998
031R	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION Transfer to OCOTF	1,019	815 -204	1,019	1,019
031Z	BASE SUPPORT Transfer to OCOTF	19,361	15,489 -3,872	19,361	19,361
032A	SPECIALIZED SKILL TRAINING Transfer to OCOTF Unjustified Growth in Operating Support Costs	48,442	38,754 -9,688	39,442 -9,000	39,442 -9,000
032B	FLIGHT TRAINING Transfer to OCOTF	291	233 -58	291	291
032C	PROFESSIONAL DEVELOPMENT EDUCATION Transfer to OCOTF	1,500	1,200 -300	1,500	1,500
032D	TRAINING SUPPORT Transfer to OCOTF	1,427	1,142 -285	1,427	1,427

O-1		Budget Request	House	Senate	Recommendation
041A	LOGISTICS OPERATIONS	328,009	262,407	328,009	328,009
	Transfer to OCOTF		-65,602		
041Z	BASE SUPPORT	35,322	28,258	35,322	35,322
	Transfer to OCOTF		-7,064		
042A	ADMINISTRATION	9,000	7,200	9,000	9,000
	Transfer to OCOTF		-1,800		
042B	SERVICEWIDE COMMUNICATIONS	178,470	142,776	108,470	108,470
	Transfer to OCOTF		-35,694		
	Unjustified Growth in Operating Support Costs			-70,000	-70,000
043A	SECURITY PROGRAMS	142,160	103,728	142,160	132,160
	Classified Adjustment		-10,000		-10,000
	Transfer to OCOTF		-28,432		
	CENTCOM Information Operations Media Production		-27,000		0
	TRANSFER TO OCOTF				-698,549
<b>TOTAL, OPERATION &amp; MAINTENANCE, AIR FORCE</b>		<b>10,026,868</b>	<b>7,858,895</b>	<b>9,929,868</b>	<b>9,216,319</b>

**OPERATION & MAINTENANCE, DEFENSE-WIDE**

JOINT CHIEFS OF STAFF	25,000	12,500	12,500	12,500
Combatant Commander's Initiative Fund		-12,500	-12,500	-12,500
SPECIAL OPERATIONS COMMAND	2,519,935	2,461,935	2,499,935	2,469,935
SOCOM Information Operations		-58,000	-20,000	-50,000
DEFENSE MEDIA ACTIVITY	13,364	13,364	13,364	13,364
DEFENSE CONTRACT AUDIT AGENCY	13,908	13,908	13,908	13,908
DEFENSE CONTRACT MANAGEMENT AGENCY	63,130	63,130	63,130	63,130
DEFENSE INFORMATION SYSTEMS AGENCY	245,117	245,117	245,117	245,117
DEFENSE LEGAL SERVICES AGENCY	115,000	115,000	115,000	115,000
DEFENSE DEPENDENTS EDUCATION	558,700	553,600	558,700	558,700
DEFENSE SECURITY COOPERATION AGENCY	1,950,000	1,840,000	1,950,000	1,920,000
Coalition Support Funds	1,600,000	-60,000		-30,000
Lift and Sustain		-50,000		
DEFENSE THREAT REDUCTION AGENCY	2,018	2,018	2,018	2,018
OFFICE OF THE SECRETARY OF DEFENSE	79,047	79,047	79,047	79,047

O-1		Budget Request	House	Senate	Recommendation
	OTHER PROGRAMS	1,998,181	1,998,181	1,998,181	1,998,181
	TOTAL, OPERATION & MAINTENANCE, DEFENSE-WIDE	7,583,400	7,397,800	7,550,900	7,490,900

**OPERATION & MAINTENANCE, ARMY RESERVE**

113	ECHELONS ABOVE BRIGADE Transfer to OCOTF	86,881	69,505 -17,376	86,881	86,881
115	LAND FORCES OPERATIONS SUPPORT Transfer to OCOTF	40,675	32,540 -8,135	40,675	40,675
121	FORCE READINESS OPERATIONS SUPPORT Transfer to OCOTF Transfer from Base: Family Readiness Support Assistants Transfer from Base: Tuition Assistance	21,270	17,016 -4,254	36,571 9,829 5,472	21,270
122	LAND FORCES SYSTEMS READINESS Transfer to OCOTF	17,500	14,000 -3,500	17,500	17,500
131	BASE OPERATIONS SUPPORT Transfer to OCOTF	38,000	30,400 -7,600	38,000	38,000
434	OTHER PERSONNEL SUPPORT Transfer from Base: Chaplain Strong Bonds Transfer from Base: Army Reserve Recruiting Assistance Program			15,271 6,093 9,178	0
	TOTAL, OPERATION & MAINTENANCE, ARMY RESERVE	204,326	163,461	234,898	204,326

**OPERATION & MAINTENANCE, NAVY RESERVE**

1A1A	MISSION AND OTHER FLIGHT OPERATIONS Transfer to OCOTF	26,673	21,338 -5,335	26,673	26,673
1A3A	INTERMEDIATE MAINTENANCE Transfer to OCOTF	400	320 -80	400	400
1A5A	AIRCRAFT DEPOT MAINTENANCE Transfer to OCOTF	3,600	2,880 -720	3,600	3,600
1B1B	MISSION AND OTHER SHIP OPERATIONS Transfer to OCOTF	7,416	5,933 -1,483	7,416	7,416
1B4B	SHIP DEPOT MAINTENANCE Transfer to OCOTF	8,917	7,134 -1,783	8,917	8,917

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O-1		Budget Request	House	Senate	Recommendation
1C1C	COMBAT COMMUNICATIONS Transfer to OCOTF	3,147	2,518 -629	3,147	3,147
1C6C	COMBAT SUPPORT FORCES Transfer to OCOTF	13,428	10,742 -2,686	13,428	13,428
BSSR	BASE OPERATING SUPPORT Transfer to OCOTF	4,478	3,582 -896	4,478	4,478
<b>TOTAL, OPERATION &amp; MAINTENANCE, NAVY RESERVE</b>		<b>68,059</b>	<b>54,447</b>	<b>68,059</b>	<b>68,059</b>
<b>OPERATION &amp; MAINTENANCE, MARINE CORPS RESERVE</b>					
1A1A	OPERATING FORCES Transfer to OCOTF	77,849	62,279 -15,570	77,849	77,849
BSS1	BASE OPERATING SUPPORT Transfer to OCOTF	8,818	7,054 -1,764	8,818	8,818
<b>TOTAL, OPERATION &amp; MAINTENANCE, MARINE CORPS RESERVE</b>		<b>86,667</b>	<b>69,333</b>	<b>86,667</b>	<b>86,667</b>
<b>OPERATION &amp; MAINTENANCE, AIR FORCE RESERVE</b>					
011A	PRIMARY COMBAT FORCES Transfer to OCOTF	3,618	2,894 -724	3,618	3,618
011G	MISSION SUPPORT OPERATIONS Transfer to OCOTF	7,276	5,821 -1,455	7,276	7,276
011M	DEPOT MAINTENANCE Transfer to OCOTF	114,531	91,625 -22,906	114,531	114,531
011Z	BASE SUPPORT Transfer to OCOTF	500	400 -100	500	500
<b>TOTAL, OPERATION &amp; MAINTENANCE, AIR FORCE RESERVE</b>		<b>125,925</b>	<b>100,740</b>	<b>125,925</b>	<b>125,925</b>
<b>OPERATION &amp; MAINTENANCE, ARMY NATIONAL GUARD</b>					
111	MANEUVER UNITS Transfer to OCOTF	89,666	71,733 -17,933	89,666	89,666
112	MODULAR SUPPORT BRIGADES Transfer to OCOTF	1,196	957 -239	1,196	1,196
113	ECHELONS ABOVE BRIGADE Transfer to OCOTF	18,360	14,688 -3,672	18,360	18,360

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O-1		Budget Request	House	Senate	Recommendation
114	<b>THEATER LEVEL ASSETS</b>	380	304	380	380
	Transfer to OCOTF		-76		
116	<b>AVIATION ASSETS</b>	59,357	47,486	59,357	59,357
	Transfer to OCOTF		-11,871		
121	<b>FORCE READINESS OPERATIONS SUPPORT</b>	94,458	75,566	109,158	94,458
	Transfer to OCOTF		-18,892		
	Transfer from Base: Family Readiness Support Assistance			14,700	
131	<b>BASE OPERATIONS SUPPORT</b>	22,536	18,029	36,436	22,536
	Transfer to OCOTF		-4,507		
	Transfer from Base: Installation Services			13,900	
133	<b>MANAGEMENT AND OPERATIONAL HQ</b>	35,693	28,554	35,693	35,693
	Transfer to OCOTF		-7,139		
434	<b>RECRUITING AND ADVERTISING</b>			100,000	0
	Transfer from Base: Recruiting and Advertising			100,000	
<b>TOTAL, OPERATION &amp; MAINTENANCE, ARMY NATIONAL GUARD</b>		<b>321,646</b>	<b>257,317</b>	<b>450,246</b>	<b>321,646</b>
<b>OPERATION &amp; MAINTENANCE, AIR NATIONAL GUARD</b>					
011F	<b>AIRCRAFT OPERATIONS</b>	103,259	82,607	103,259	103,259
	Transfer to OCOTF		-20,652		
011G	<b>MISSION SUPPORT OPERATIONS</b>	51,300	41,040	51,300	51,300
	Transfer to OCOTF		-10,260		
011M	<b>DEPOT MAINTENANCE</b>	135,303	108,242	135,303	135,303
	Transfer to OCOTF		-27,061		
<b>TOTAL, OPERATION &amp; MAINTENANCE, AIR NATIONAL GUARD</b>		<b>289,862</b>	<b>231,889</b>	<b>289,862</b>	<b>289,862</b>
<b>OVERSEAS CONTINGENCY OPERATIONS TRANSFER FUND</b>					
<b>OVERSEAS CONTINGENCY OPERATIONS TRANSFER FUND</b>		0	14,636,901		5,000,000
	Transfer to OCOTF		14,636,901		5,000,000
<b>TOTAL, OVERSEAS CONTINGENCY OPERATIONS TRANSFER FUND</b>		<b>0</b>	<b>14,636,901</b>		<b>5,000,000</b>
<b>OPERATION AND MAINTENANCE, MISCELLANEOUS</b>					

O-1	Budget Request	House	Senate	Recommendation
<b>IRAQ FREEDOM FUND</b>	<b>115,300</b>	<b>0</b>	<b>0</b>	<b>0</b>
Transportation of Fallen Heroes -- transfer to Transportation Working Capital Fund	15,300	-15,300	-15,300	-15,300
Disposition of Guantanamo Detainees -- unspecified increase	100,000	-100,000	-100,000	-100,000
<b>AFGHANISTAN SECURITY FORCES FUND</b>	<b>7,462,769</b>	<b>7,462,769</b>	<b>6,562,769</b>	<b>6,562,769</b>
Infrastructure	868,320	868,320	868,320	868,320
Equipment and Transportation	1,615,192	1,615,192	1,615,192	1,615,192
Training and Operations	272,998	272,998	272,998	272,998
Sustainment	1,945,887	1,945,887	1,395,887	1,395,887
Transfer to MRAP Fund for Urgent Unfunded Requirement			-550,000	-550,000
<b>Subtotal, Ministry of Defense</b>	<b>4,702,397</b>	<b>4,702,397</b>	<b>4,152,397</b>	<b>4,152,397</b>
Infrastructure	605,584	605,584	605,584	605,584
Equipment and Transportation	279,186	279,186	279,186	279,186
Training and Operations	648,217	648,217	648,217	648,217
Sustainment	1,219,966	1,219,966	869,966	869,966
Transfer to MRAP Fund for Urgent Unfunded Requirement			-350,000	-350,000
<b>Subtotal, Ministry of Interior</b>	<b>2,752,953</b>	<b>2,752,953</b>	<b>2,402,953</b>	<b>2,402,953</b>
Detainee Operations -- Training and Operations	1,500	1,500	1,500	1,500
Detainee Operations -- Sustainment	5,919	5,919	5,919	5,919
<b>Subtotal, Associated Activities</b>	<b>7,419</b>	<b>7,419</b>	<b>7,419</b>	<b>7,419</b>

## COMMANDER'S EMERGENCY RESPONSE PROGRAM

The recommendation provides \$1,200,000,000 for the Commander's Emergency Response Program (CERP) in fiscal year 2010, \$300,000,000 below the request. Included in this amount is \$1,000,000,000 for CERP in Afghanistan and \$200,000,000 for CERP in Iraq. The amount provided for CERP in Afghanistan effectively doubles what has been committed in Afghanistan for fiscal year 2009. Additionally, with the redeployment from Iraq and withdrawal from the major cities, CERP requirements in that theater of operations will decrease significantly in fiscal year 2010. Of the funds provided for CERP, \$500,000,000 shall be withheld pending completion and submission of the report described below.

The Department of Defense needs to greatly improve its management and oversight of CERP and its justifications of CERP budget requests. Additionally, there is concern that the Department's plan to significantly increase the use of CERP in Afghanistan does not yet include an increase in the number of personnel qualified to conduct proper oversight and management of those funds. Therefore, the Secretary of Defense is directed to conduct a thorough review of CERP and submit a report to the congressional defense committees not later than 180 days after enactment of this Act. This report shall include: the process by which CERP

budget requests are generated and justified; existing management and oversight of CERP funds and contracts by the Department of the Army, the Undersecretary of Defense, Comptroller, and U.S. Central Command; the number of personnel required and the number of personnel currently deployed to Afghanistan with Joint Contracting Command and U.S. Forces – Afghanistan specifically in support of CERP; a separate assessment for Iraq and Afghanistan of the goals, purpose and expected requirement for CERP funds in the coming year; the coordination process of projects with other U.S. government agencies and Non-Governmental Organizations carrying out projects in Iraq and Afghanistan; the requirements for the sustainment of projects carried out under CERP; the procedures for ensuring that projects carried out under CERP are coordinated with the host governments and local community leaders; and the process and systems for tracking projects carried out under CERP. Additionally, the Secretary of Defense is directed, as part of the program review, to report on the advisability of establishing a program office for CERP to be responsible for the development of budgets, strategic plans, program controls, requirements for program coordination, and standards for training.

The Secretary of the Army is directed to submit monthly commitment, obligation and expenditure data for CERP in Iraq and Afghanistan to the congressional defense committees not later than 30 days after each month. Finally,

the Secretary of Defense is directed to submit the required quarterly report in a searchable database form in addition to the paper report.

#### CIVILIAN-MILITARY TRAINING

The Secretary of Defense is directed, in conjunction with the Secretary of State and the Administrator of the United States Agency for International Development, to continue to support the requirements for monthly integrated civilian-military training for civilians deploying to Afghanistan at Camp Atterbury, Indiana, including through the allocation of military and civilian personnel, trainers, and other resources for that purpose.

## PROCUREMENT

For Procurement, funds are to be available for fiscal year 2010, as follows:

P-1		Budget Request	House	Senate	Recommendation
<b>AIRCRAFT PROCUREMENT, ARMY</b>					
3	MQ-1 UAV	250,000	250,000	32,100	250,000
	Exceeds production capacity (Transferred to Aircraft Procurement, Army line number 3 Title III)			-217,900	0
4	RQ-11 (RAVEN)	44,640	44,640	44,640	44,640
5A	C-12A	45,000	45,000	45,000	0
	Reduction due to initiation of Program of Record				-45,000
11	UH-60 BLACKHAWK	74,340	74,340	37,170	37,170
	Reduction to projected battle losses			-37,170	-37,170
13	CH-47 HELICOPTER	141,200	141,200	70,600	70,600
	Reduction to projected battle losses			-70,600	-70,600
18	GUARDRAIL MODS (MIP)	50,210	50,210	50,210	50,210
19	MULTI SENSOR ABN RECON (MIP)	54,000	54,000	54,000	54,000
20	AH-64 MODS	315,300	315,300	161,100	161,100
	Reduction to projected battle losses			-69,200	-69,200
	VUIT-2 procurement ahead of need			-85,000	-85,000
26	UTILITY HELICOPTER MODS	2,500	2,500	2,500	2,500
27	KIOWA WARRIOR	94,335	94,335	94,335	94,335
29	GATM Rollup		326,400	0	0
29A	RQ-7 UAV MODS	326,400		326,400	326,400
29B	C-12A MODS	60,000	60,000	60,000	0
	Reduction due to initiation of Program of Record				-60,000
30	SPARE PARTS (AIR)	18,200	18,200	18,200	18,200
	AIRCRAFT SURVIVABILITY INFRARED COUNTER				
32	MEASURES	111,600	111,600	99,360	99,360
	Unobligated fiscal year 2009 ATIRCM funds			-12,240	-12,240
34	COMMON GROUND EQUIPMENT	23,704	23,704	23,704	23,704
35	AIRCREW INTEGRATED SYSTEMS	24,800	24,800	0	6,000
	Defer non-emergency upgrades			-24,800	-18,800
<b>TOTAL, AIRCRAFT PROCUREMENT, ARMY</b>		<b>1,636,229</b>	<b>1,636,229</b>	<b>1,119,319</b>	<b>1,238,219</b>

<b>MISSILE PROCUREMENT, ARMY</b>					
5	HELLFIRE SYSTEM SUMMARY	219,700	207,600	219,700	219,700
	Unjustified cost growth		-12,100		0
6	JAVELIN (AAWS-M) SYSTEM SUMMARY	140,979	115,979	110,363	110,363
	Excess to requirement for CLU			-5,616	-5,616
	Funding ahead of need		-25,000	-25,000	-25,000
7	TOW 2 SYSTEM SUMMARY	59,200	34,200	34,200	34,200
	Funding ahead of need		-25,000	-25,000	-25,000
8	GUIDED MULTIPLE LAUNCH ROCKET	60,600	60,600	60,600	60,600
14	MODIFICATIONS	18,772	18,772	18,772	18,772
	HIGH MOBILILTY ARTILLERY ROCKET SYSTEM				
15	MODIFICATIONS	32,319	32,319	32,319	32,319
<b>TOTAL, MISSILE PROCUREMENT, ARMY</b>		<b>531,570</b>	<b>469,470</b>	<b>475,954</b>	<b>475,954</b>

<b>PROCUREMENT OF W&amp;TCV, ARMY</b>					
4	STRYKER VEHICLE	0	0	0	150,000
	Transfer from WTCV, Army line number 4 Title III				150,000
9	FIST VEHICLE	36,000	36,000	36,000	36,000
10	BRADLEY PROGRAM MODS	243,600	243,600	0	243,600
	Funded in the Supplemental Appropriations Act, 2009			-243,600	
11	HOWITZER, MED SP FT 155MM M109A6	37,620	37,620	37,620	37,620

P-1		Budget Request	House	Senate	Recommendation
27	XM320 GRENADE LAUNCHER MODULE	13,900	13,900	13,900	13,900
31	COMMON REMOTELY OPERATED WEAPONS STATION	235,000	695,000	595,000	495,000
	Transfer from Other Procurement, Army line number 187		360,000	360,000	360,000
	Program reduction				-100,000
	Program increase		100,000		0
33	HOWITZER LT WT 155MM (T)	107,996	107,996	107,996	107,996
36	M2 50 CAL MACHINE GUN MODS	27,600	27,600	27,600	27,600
37	M249 SAW MACHINE GUN MODS	20,900	20,900	20,900	20,900
38	M240 MEDIUM MACHINE GUN MODS	4,800	4,800	4,800	4,800
40	M119 MODIFICATIONS	21,250	21,250	21,250	21,250
41	M16 RIFLE MODS	5,800	5,800	5,800	5,800
43	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	5,000	5,000	5,000	5,000
<b>TOTAL, PROCUREMENT OF W&amp;TCV, ARMY</b>		<b>759,466</b>	<b>1,219,466</b>	<b>875,866</b>	<b>1,169,466</b>

**PROCUREMENT OF AMMUNITION, ARMY**

1	CTG, 5.56MM, ALL TYPES	22,000	22,000	22,000	22,000
2	CTG, 7.62MM, ALL TYPES	8,300	8,300	8,300	8,300
3	CTG, HANDGUN, ALL TYPES	500	500	500	500
4	CTG, .50 CAL, ALL TYPES	26,500	26,500	26,500	26,500
6	CTG, 30MM, ALL TYPES	530	530	530	530
8	60MM MORTAR, ALL TYPES	20,000	20,000	20,000	20,000
14	CTG, ARTY, 105MM: ALL TYPES	9,200	9,200	9,200	9,200
16	PROJ 155MM EXTENDED RANGE XM982	52,200	52,200	52,200	52,200
17	MODULAR ARTILLERY CHARGE SYSTEM, ALL TYPES	10,000	10,000	10,000	10,000
18	ARTILLERY FUZES, ALL TYPES	7,800	7,800	7,800	7,800
19	MINES, ALL TYPES	5,000	5,000	5,000	5,000
20	MINE, CLEARING CHARGE, ALL TYPES	7,000	7,000	2,000	2,000
	Funds exceed requirement			-5,000	-5,000
24	ROCKET, HYDRA 70, ALL TYPES	169,505	169,505	169,505	169,505
27	SIGNALS, ALL TYPES	100	100	100	100
30	NON-LETHAL AMMUNITION, ALL TYPES	32,000	32,000	32,000	32,000
<b>TOTAL, PROCUREMENT OF AMMUNITION, ARMY</b>		<b>370,635</b>	<b>370,635</b>	<b>365,635</b>	<b>365,635</b>

**OTHER PROCUREMENT, ARMY**

1	TACTICAL TRAILERS/DOLLY SETS	1,948	1,948	1,948	1,948
2	SEMITRAILERS, FLATBED	40,403	40,403	40,403	40,403
3	SEMITRAILERS, TANKERS	8,651	8,651	8,651	8,651
4	HI MOB MULTI-PURPOSE WHEELED VEHICLE (HMMWV)	875,718	1,251,038	875,718	1,063,038
	Program adjustment				187,320
5	FAMILY OF MEDIUM TACTICAL VEHICLES	286,337	461,657	286,337	863,357
	Program adjustment				90,320
	Transfer from Other Procurement, Army line number 5 Title III				486,700
7	FAMILY OF HEAVY TACTICAL VEHICLES	623,230	520,750	623,230	803,230
	Schedule delay		-102,480		0
	Transfer from Other Procurement, Army line number 7 Title III				180,000
9	ARMORED SECURITY VEHICLES (ASV)	13,206	13,206	13,206	13,206
12	TRUCK, TRACTOR, LINE HAUL, M915/M916	62,654	62,654	62,654	62,654
15	MODIFICATION OF IN SERVICE EQUIPMENT	0	195,950	0	0
	Army requested transfer from Other Procurement, Army line number 187		195,950		0

P-1	Budget Request	House	Senate	Recommendation	
23	WIN-T GROUND FORCES TACTICAL NETWORK	13,500	13,500	13,500	13,500
28	NAVSTAR GLOBAL POSITIONING SYSTEM	53,486	53,486	53,486	53,486
29	SMART-T (SPACE)	26,000	26,000	26,000	26,000
32	MOD OF IN-SERVICE EQUIPMENT (TAC SAT)	23,900	23,900	23,900	23,900
	MOD-IN-SERVICE PROFILER	6,070	6,070	6,070	6,070
34	ARMY DATA DISTRIBUTION SYSTEM	239	239	239	239
37	SINGARS FAMILY	128,180	0	53,180	18,180
	Funding ahead of need		-128,180	-75,000	-110,000
38	AMC CRITICAL ITEMS - OPA2	100,000	100,000	48,000	54,000
	Funding ahead of need		-52,000		-46,000
46	RADIO, IMPROVED HIGH FREQUENCY (COTS) FAMILY	11,286	11,286	11,286	11,286
	MEDICAL COMMUNICATIONS FOR COMBAT				
47	CASUALTY CARE	18	18	18	18
50	INFORMATION SYSTEM SECURITY PROGRAM	32,095	32,095	32,095	32,095
55	INFORMATION SYSTEMS	330,342	330,342	330,342	330,342
57	INSTALLATION INFO INFRASTRUCTURE MOD	227,733	227,733	227,733	227,733
	JOINT TACTICAL TERMINAL COMMON INTEGRATED				
62	BROADCAST SERVICE - MODULES (MIP)	1,660	1,660	1,660	1,660
66	DIGITAL TOPOGRAPHIC SPT SYS (DTSS)	265	265	265	265
	DISTRIBUTED COMMON GROUND SYSTEM - ARMY				
69	(MIP)	167,100	167,100	167,100	167,100
73	CI HUMINT AUTO REPRTING AND COLL	34,208	34,208	34,208	34,208
75	ITEMS LESS THAN \$5.0M	5,064	5,064	5,064	5,064
76	LIGHTWEIGHT COUNTER MORTAR RADAR	58,590	58,590	58,590	58,590
77	WARLOCK	164,435	164,435	164,435	164,435
	COUNTERINTELLIGENCE/SECURITY				
78	COUNTERMEASURES	126,030	126,030	126,030	126,030
82	NIGHT VISION DEVICES	93,183	93,183	93,183	93,183
84	NIGHT VISION, THERMAL WPN SIGHT	25,000	25,000	25,000	25,000
85	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	15,000	15,000	15,000	15,000
87	COUNTER-ROCKET, ARTILLERY & MORTAR (C-RAM)	150,400	150,400	144,400	148,400
	Excess program office costs			-6,000	-2,000
91	PORTABLE INDUCTIVE ARTILLERY FUZE	1,900	1,900	1,900	1,900
94	BELOW	242,999	242,999	242,999	242,999
96	LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER	97,020	97,020	97,020	97,020
97	COMPUTER BALLISTICS: LHMBC XM32	3,780	3,780	3,780	3,780
99	COUNTERFIRE RADARS	26,000	26,000	26,000	26,000
103	FIRE SUPPORT C2 FAMILY	14,840	14,840	14,840	14,840
104	BATTLE COMMAND SUSTAINMENT SUPPORT SYS	16	16	16	16
107	KNIGHT FAMILY	178,500	178,500	127,000	127,000
	Excess to need			-51,500	-51,500
	NETWORK MANAGEMENT INITIALIZATION AND				
113	SERVICE	58,900	58,900	25,200	25,200
	Excess to need			-33,700	-33,700
114	MANEUVER CONTROL SYSTEM	5,000	5,000	5,000	5,000
115	SINGLE ARMY LOGISTICS ENTERPRISE (SALE)	1,440	1,440	1,440	1,440
129	PROTECTIVE SYSTEMS	44,460	44,460	44,460	44,460
130	CBRN SOLDIER PROTECTION	38,811	38,811	38,811	38,811
133	TACTICAL BRIDGING	13,525	13,525	13,525	13,525
136	EXPLOSIVE ORDNANCE DISPOSAL EQPMT	10,800	10,800	10,800	10,800
140	LAUNDRIES, SHOWERS AND LATRINES	21,561	21,561	21,561	21,561
142	LIGHTWEIGHT MAINTENANCE ENCLOSURE	1,955	1,955	1,955	1,955
146	FORCE PROVIDER	245,382	245,382	245,382	245,382
147	FIELD FEEDING EQUIPMENT	4,011	4,011	4,011	4,011
150	ITEMS LESS THAN \$5M (ENG SPT)	4,987	4,987	4,987	4,987
152	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	58,554	58,554	58,554	58,554

P-1	Budget Request	House	Senate	Recommendation	
153	WATER PURIFICATION SYSTEMS	3,017	3,017	3,017	3,017
154	COMBAT SUPPORT MEDICAL	11,386	11,386	11,386	11,386
155	MOBILE MAINTENANCE EQUIPMENT SYSTEMS ITEMS LESS THAN \$5.0M (MAINTENANCE EQUIPMENT)	12,365	12,365	12,365	12,365
156	LOADERS	546	546	546	546
162	HYDRAULIC EXCAVATOR	1,100	1,100	1,100	1,100
163	PLANT, ASPHALT MIXING	290	290	290	290
166	HIGH MOBILITY ENGINEER EXCAVATOR FAMILY OF SYSTEMS	2,500	2,500	2,500	2,500
167	ITEMS LESS THAN \$5.0M (CONSTRUCTION EQUIPMENT)	16,500	16,500	16,500	16,500
169	EQUIPMENT)	360	360	360	360
172	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	3,550	3,550	3,550	3,550
173	GENERATORS AND ASSOCIATED EQUIP	62,210	62,210	62,210	62,210
174	ROUGH TERRAIN CONTAINER HANDLER	54,360	54,360	54,360	54,360
175	ALL TERRAIN LIFTING ARMY SYSTEM	49,319	49,319	49,319	49,319
176	COMBAT TRAINING CENTERS SUPPORT	60,200	60,200	60,200	60,200
177	TRAINING DEVICES, NONSYSTEM	28,200	28,200	28,200	28,200
182	INTEGRATED FAMILY OF TEST EQUIPMENT	1,524	1,524	1,524	1,524
183	TEST EQUIPMENT MODERNIZATION	3,817	3,817	3,817	3,817
184	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	27,000	27,000	0	7,000
	Funding available from prior years			-27,000	-20,000
187	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	555,950	0	0	0
	Army requested transfer to Procurement of Weapons and Tracked Combat Vehicles, Army line number 31		-360,000	-360,000	-360,000
	Army requested transfer to Other Procurement, Army line number 15		-195,950		0
	Excess to need		-195,950	-195,950	-195,950
	CLASSIFIED PROGRAMS	760	760	760	760
<b>TOTAL, OTHER PROCUREMENT, ARMY</b>		<b>5,675,326</b>	<b>5,635,306</b>	<b>4,874,176</b>	<b>5,800,516</b>

#### AIRCRAFT PROCUREMENT, NAVY

4	F/A-18E/F HORNET	0	0	512,280	0
	Add nine aircraft (Funded in Title III, Aircraft Procurement, Navy)			512,280	0
10	UH-1Y/AH-1Z	55,006	55,006	55,006	55,006
28	EA-6 SERIES	45,000	45,000	45,000	45,000
29	AV-8 SERIES	28,296	19,396	19,396	19,396
	ALE-47 upgrades complete		-8,900	-8,900	-8,900
30	F-18 SERIES	96,000	96,000	96,000	96,000
31	H-46 SERIES	17,485	17,485	17,485	17,485
33	H-53 SERIES	164,730	164,730	164,730	164,730
34	SH-60 SERIES	11,192	11,192	11,192	11,192
35	H-1 SERIES	11,217	11,217	11,217	11,217
37	P-3 SERIES	74,900	74,900	35,300	35,300
	Funding ahead of need			-39,600	-39,600
39	E-2 SERIES	17,200	17,200	17,200	17,200
41	C-2A	14,100	0	14,100	7,100
	Non-emergency upgrades		-14,100		-7,000
42	C-130 SERIES	52,324	52,324	52,324	52,324
49	POWER PLANT CHANGES	4,456	0	0	0
	Non-emergency modifications		-4,456	-4,456	-4,456
52	COMMON ECM EQUIPMENT	263,382	263,382	260,082	260,082
	ALE-47 kits ahead of need			-3,300	-3,300

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P-1	Budget Request	House	Senate	Recommendation
54 COMMON DEFENSIVE WEAPON SYSTEM	5,500	5,500	5,500	5,500
56 V-22 (TILT/ROTOR ACFT) OSPREY	53,500	53,500	23,500	53,500
Interim gun funding ahead of need			-30,000	
57 SPARES AND REPAIR PARTS	2,265	2,265	2,265	2,265
<b>TOTAL, AIRCRAFT PROCUREMENT, NAVY</b>	<b>916,553</b>	<b>889,097</b>	<b>1,342,577</b>	<b>853,297</b>

**WEAPONS PROCUREMENT, NAVY**

10 HELLFIRE	50,700	73,700	50,700	50,700
<b>TOTAL, WEAPONS PROCUREMENT, NAVY</b>	<b>50,700</b>	<b>73,700</b>	<b>50,700</b>	<b>50,700</b>

**PROCUREMENT OF AMMO, NAVY & MARINE CORPS**

1 GENERAL PURPOSE BOMBS	40,500	40,500	40,500	40,500
3 AIRBORNE ROCKETS, ALL TYPES	42,510	30,510	42,510	36,510
2.75" rocket launcher growth		-12,000		-6,000
4 MACHINE GUN AMMUNITION	80,377	109,200	80,377	80,377
7 AIR EXPENDABLE COUNTERMEASURES	5,501	5,501	5,501	5,501
9 5 INCH/54 GUN AMMUNITION	352	352	352	352
11 OTHER SHIP GUN AMMUNITION	2,835	2,835	2,835	2,835
12 SMALL ARMS & LANDING PARTY AMMO	14,229	14,229	14,229	14,229
13 PYROTECHNIC AND DEMOLITION	1,442	1,442	1,442	1,442
15 SMALL ARMS AMMUNITION	16,930	16,930	16,930	16,930
16 LINEAR CHARGES, ALL TYPES	5,881	5,881	5,881	5,881
17 40 MM, ALL TYPES	104,824	104,824	104,824	104,824
18 60MM, ALL TYPES	43,623	43,623	43,623	43,623
19 81MM, ALL TYPES	103,647	103,647	103,647	103,647
20 120MM, ALL TYPES	62,265	62,265	62,265	62,265
21 CTG 25MM, ALL TYPES	563	563	563	563
22 GRENADES, ALL TYPES	6,074	6,074	6,074	6,074
23 ROCKETS, ALL TYPES	8,117	8,117	8,117	8,117
24 ARTILLERY, ALL TYPES	81,975	81,975	81,975	81,975
26 DEMOLITION MUNITIONS, ALL TYPES	9,241	9,241	9,241	9,241
27 FUZE, ALL TYPES	51,071	51,071	51,071	51,071
<b>TOTAL, PROCUREMENT OF AMMO, NAVY &amp; MARINE CORPS</b>	<b>681,957</b>	<b>698,780</b>	<b>681,957</b>	<b>675,957</b>

**OTHER PROCUREMENT, NAVY**

18 UNDERWATER EOD PROGRAMS	12,040	12,040	12,040	12,040
25 STANDARD BOATS	13,000	13,000	0	0
Undefined requirement			-13,000	-13,000
56 MATCALs	400	400	400	400
76 SHIP COMMUNICATIONS AUTOMATION	1,500	1,500	1,500	1,500
92 EXPEDITIONARY AIRFIELDS	37,345	37,345	37,345	37,345
97 AVIATION LIFE SUPPORT	17,883	17,883	17,883	17,883
115 EXPLOSIVE ORDNANCE DISPOSAL EQUIP	43,650	43,650	23,750	23,750
Anechoic Chamber			-1,900	-1,900
UAS funded to requirement			-18,000	-18,000
120 PASSENGER CARRYING VEHICLES	25	25	25	25
121 GENERAL PURPOSE TRUCKS	93	93	93	93
122 CONSTRUCTION & MAINTENANCE EQUIP	11,167	11,167	11,167	11,167
124 TACTICAL VEHICLES	54,008	54,008	54,008	54,008
127 ITEMS UNDER \$5 MILLION	10,842	10,842	10,842	10,842
128 PHYSICAL SECURITY VEHICLES	1,130	1,130	1,130	1,130

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P-1	Budget Request	House	Senate	Recommendation
129 MATERIALS HANDLING EQUIPMENT	25	25	25	25
134 COMMAND SUPPORT EQUIPMENT	4,000	0	4,000	0
Non-emergency upgrades		-4,000		-4,000
139 OPERATING FORCES SUPPORT EQUIPMENT	15,452	15,452	15,452	15,452
140 C4ISR EQUIPMENT	3,100	0	3,100	0
Non-emergency modifications		-3,100		-3,100
142 PHYSICAL SECURITY EQUIPMENT	89,521	39,400	64,521	52,521
Unjustified contingency funding		-50,121	-25,000	-37,000
145 SPARES AND REPAIR PARTS	2,837	2,837	2,837	2,837
<b>TOTAL, OTHER PROCUREMENT, NAVY</b>	<b>318,018</b>	<b>260,797</b>	<b>260,118</b>	<b>241,018</b>

**PROCUREMENT, MARINE CORPS**

2 LAV PIP	58,229	58,229	39,358	39,358
Previously funded combat losses			-18,871	-18,871
6 155MM LIGHTWEIGHT TOWED HOWITZER	0	0	54,000	54,000
Advance funded in FY 2009 Supplemental		-54,000	54,000	54,000
8 WEAPONS & COMBAT VEHICLES UNDER \$5 M	3,351	3,351	3,351	3,351
10 MODIFICATION KITS	20,183	20,183	20,183	20,183
11 WEAPONS ENHANCEMENT PROGRAM	9,151	9,151	9,151	9,151
16 MODIFICATION KITS	8,506	8,506	8,506	8,506
18 REPAIR AND TEST EQUIPMENT	11,741	11,741	11,741	11,741
19 COMBAT SUPPORT SYSTEM	462	462	462	462
21 ITEMS UNDER \$5 MILLION (COMM & ELEC)	4,153	4,153	4,153	4,153
22 AIR OPERATIONS C2 SYSTEMS	3,096	3,096	3,096	3,096
23 RADAR SYSTEMS	3,417	3,417	3,417	3,417
24 FIRE SUPPORT SYSTEM	521	521	521	521
25 INTELLIGENCE SUPPORT EQUIPMENT	37,547	37,547	37,547	37,547
26 RQ-11 UAV	13,000	13,000	13,000	13,000
27 NIGHT VISION EQUIPMENT	0	12,570	0	0
28 COMMON COMPUTER RESOURCES	23,105	23,105	23,105	23,105
29 COMMAND POST SYSTEMS	23,041	23,041	23,041	23,041
30 RADIO SYSTEMS	32,497	32,497	32,497	32,497
31 COMM SWITCHING & CONTROL SYSTEMS	2,044	2,044	2,044	2,044
32 COMM & ELEC INFRASTRUCTURE SUPPORT	64	64	64	64
35 5/4T TRUCK HMMWV (MYP)	205,036	205,036	27,836	27,836
Applied previously appropriated funding			-177,200	-177,200
36 MOTOR TRANSPORT MODIFICATIONS	0	0	0	0
Advance funded in FY 2009 Supplemental		-10,177		
37 MEDIUM TACTICAL VEHICLE REPLACEMENT	131,044	131,044	131,044	131,044
38 LOGISTICS VEHICLE SYSTEM REP	59,219	59,219	59,219	59,219
39 FAMILY OF TACTICAL TRAILERS	13,388	13,388	13,388	13,388
42 ENVIRONMENTAL CONTROL EQUIP ASSORT	5,119	5,119	5,119	5,119
43 BULK LIQUID EQUIPMENT	4,549	4,549	4,549	4,549
44 TACTICAL FUEL SYSTEMS	33,421	33,421	33,421	33,421
45 POWER EQUIPMENT ASSORTED	24,860	24,860	24,860	24,860
47 EOD SYSTEMS	47,697	47,697	47,697	47,697
48 PHYSICAL SECURITY EQUIPMENT	2,720	19,720	2,720	2,720
50 MATERIAL HANDLING EQUIP	56,875	56,875	56,875	56,875
53 TRAINING DEVICES	147,304	157,734	147,304	122,304
Execution Delays			-50,000	-25,000
55 FAMILY OF CONSTRUCTION EQUIPMENT	35,818	35,818	35,818	35,818
58 RAPID DEPLOYABLE KITCHEN	55	55	55	55
59 ITEMS LESS THAN \$5 MILLION	39,055	39,055	39,055	39,055
<b>TOTAL, PROCUREMENT, MARINE CORPS</b>	<b>1,060,268</b>	<b>1,100,268</b>	<b>918,197</b>	<b>893,197</b>

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P-1		Budget Request	House	Senate	Recommendation
<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>					
6	C-130J	72,000	72,000	72,000	72,000
28	B-1B	20,500	20,500	20,500	20,500
30	A-10	10,000	10,000	10,000	10,000
32	F-16		20,025	0	0
34	C-5	57,400	57,400	57,400	57,400
37	C-17A	120,725	132,300	120,725	120,725
48	MC-12W			29,000	29,000
	Retrofit first seven aircraft			29,000	29,000
52	C-130	86,400	187,277	86,400	86,400
	Requests install funding prior to delivery of kits		-23,523		0
54	C-135	16,916	16,916	16,916	16,916
56	DARP	10,300	10,300	10,300	10,300
63	HC/MC-130 MODIFICATIONS	7,000	7,000	5,660	5,660
	Requests install funding prior to delivery of kits			-1,340	-1,340
64	OTHER AIRCRAFT	90,000	90,000	90,000	90,000
65	MQ-1 MODS	65,000	65,000	65,000	65,000
66	MQ-9 MODS	99,200	12,000	27,600	27,600
	Reduction for sensor - Early to need		-87,200		
	Air Force requested transfer to RDTE,AF Line 128			-71,600	-71,600
76	C-17A	11,000	11,000	11,000	11,000
85	OTHER PRODUCTION CHARGES	114,000	114,000	114,000	114,000
<b>TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE</b>		<b>780,441</b>	<b>825,718</b>	<b>736,501</b>	<b>736,501</b>

**MISSILE PROCUREMENT, AIR FORCE**

5	PREDATOR HELLFIRE MISSILE	29,325	29,325	29,325	29,325
6	SMALL DIAMETER BOMB	7,300	7,300	7,300	7,300
<b>TOTAL, MISSILE PROCUREMENT, AIR FORCE</b>		<b>36,625</b>	<b>36,625</b>	<b>36,625</b>	<b>36,625</b>

**PROCUREMENT OF AMMUNITION, AIR FORCE**

1	ROCKETS	3,488	3,488	3,488	3,488
2	CARTRIDGES	39,236	39,236	39,236	39,236
4	GENERAL PURPOSE BOMBS	34,085	34,085	34,085	34,085
5	JOINT DIRECT ATTACK MUNITION	97,978	97,978	97,978	97,978
7	EXPLOSIVE ORDINANCE DISPOSAL	4,800	4,800	4,800	4,800
11	FLARES	41,000	41,000	41,000	41,000
12	FUZES	14,595	14,595	14,595	14,595
13	SMALL ARMS	21,637	21,637	21,637	21,637
<b>TOTAL, PROCUREMENT OF AMMUNITION, AIR</b>		<b>256,819</b>	<b>256,819</b>	<b>256,819</b>	<b>256,819</b>

**OTHER PROCUREMENT, AIR FORCE**

2	MEDIUM TACTICAL VEHICLE	3,364	3,364	3,364	3,364
4	SECURITY AND TACTICAL VEHICLES	11,337	11,337	11,337	11,337
5	FIRE FIGHTING/CRASH RESCUE VEHICLES	8,626	8,626	8,626	8,626
23	AIR FORCE PHYSICAL SECURITY SYSTEM	1,600	1,600	1,600	1,600
37	MILSATCOM SPACE	714	714	714	714
47	NIGHT VISION GOGGLES	14,528	14,528	0	0
	Request ahead of need			-14,528	-14,528

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P-1	Budget Request	House	Senate	Recommendation
48	ITEMS LESS THAN \$5,000,000 (SAFETY)	4,900	4,900	4,900
51	CONTINGENCY OPERATIONS	11,300	11,300	11,300
60	DEFENSE SPACE RECONNAISSANCE PROG	34,400	34,400	34,400
999	OTHER PROGRAMS	2,230,780	2,184,469	2,507,180
			-46,311	276,400
<b>TOTAL, OTHER PROCUREMENT, AIR FORCE</b>		<b>2,321,549</b>	<b>2,275,238</b>	<b>3,138,021</b>

**PROCUREMENT, DEFENSE-WIDE**

19	GLOBAL COMMAND AND CONTROL SYS	1,500	1,500	1,500	1,500
21	TELEPORT PROGRAM	7,411	7,411	7,411	7,411
52	MH-47 SERVICE LIFE EXTENSION PROG	5,900	5,900	0	0
	Program shortfall transferred to Titel III, Procurement, Defense-Wide line number 52			-5,900	-5,900
57	SOF U-28	3,000	3,000	3,000	3,000
60	MQ-1 UAV	1,450	0	0	0
	Funding Early to Need		-1,450	-1,450	-1,450
62	STUASLO	12,000	12,000	12,000	12,000
63	C-130 MODIFICATIONS	19,500	19,500	19,500	19,500
67	SOF ORDNANCE REPLENISHMENT	51,156	51,156	47,856	47,856
	SOPGM funded in reprogramming action			-3,300	-3,300
68	SOF ORDNANCE ACQUISITION	17,560	17,560	17,560	17,560
69	COMMUNICATIONS EQUIPMENT & ELECTRONICS	2,000	2,000	2,000	2,000
70	SOF INTELLIGENCE SYSTEMS	23,260	23,260	23,260	23,260
71	SMALL ARMS & WEAPONS	3,800	3,800	3,800	3,800
76	TACTICAL VEHICLES	6,865	6,865	6,865	6,865
83	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE	11,000	11,000	11,000	11,000
86	SOF TACTICAL RADIO SYSTEMS	5,448	5,448	5,448	5,448
90	SOF OPERATIONAL ENHANCEMENTS	11,900	11,900	11,900	11,900
999	CLASSIFIED PROGRAMS	307,680	307,680	307,680	307,680
<b>TOTAL, PROCUREMENT, DEFENSE-WIDE</b>		<b>491,430</b>	<b>489,980</b>	<b>480,780</b>	<b>480,780</b>

**MINE RESISTANT AMBUSH PROTECTED VEHICLE FUND**

MINE RESISTANT AMBUSH PROTECTED VEHICLE FUND	5,456,000	3,606,000	6,656,000	6,281,000
Advance funded in FY 2009 Supplemental		-1,850,000	1,200,000	825,000
<b>TOTAL, MINE RESISTANT AMBUSH PROTECTED VEHICLE FUND</b>		<b>3,606,000</b>	<b>6,656,000</b>	<b>6,281,000</b>

**RAPID ACQUISITION FUND**

RAPID ACQUISITION FUND				
Rapid Acquisition Fund	0	40,000	0	0
Transferred from Title III, RDT&E, Defense-Wide		40,000	0	0
<b>TOTAL, RAPID ACQUISITION FUND</b>		<b>40,000</b>	<b>0</b>	<b>0</b>

**NATIONAL GUARD AND RESERVE EQUIPMENT**

ARMY NATIONAL GUARD		300,000	0	575,000
Miscellaneous equipment (Includes transfer from title III)		300,000	0	575,000
AIR NATIONAL GUARD		50,000	0	135,000
Miscellaneous equipment (Includes transfer from title III)		50,000	0	135,000

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P-1	Budget Request	House	Senate	Recommendation
<b>ARMY RESERVE</b>		80,000	0	85,000
Miscellaneous equipment (Includes transfer from title III)		80,000	0	85,000
<b>NAVY RESERVE</b>		25,000	0	55,000
Miscellaneous equipment (Includes transfer from title III)		25,000	0	55,000
<b>MARINE CORPS RESERVE</b>		20,000	0	45,000
Miscellaneous equipment (Includes transfer from title III)		20,000	0	45,000
<b>AIR FORCE RESERVE</b>		25,000	0	55,000
Miscellaneous equipment (Includes transfer from title III)		25,000	0	55,000
<b>TOTAL, NATIONAL GUARD &amp; RESERVE EQUIPMENT</b>		500,000	0	950,000

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## UP-ARMORED HMMWVs

The fiscal year 2010 budget request for Overseas Contingency Operations includes funding for the procurement of up-armored HMMWVs. At the request of the Marine Corps, Congress appropriated \$177,200,000 in fiscal year 2009 supplemental funding for the procurement of Frag Kit 4 underbody armor protection for M1114 vehicles in theater. However, it is understood that the Marine Corps has rescinded that requirement due to technical difficulties and will not procure any Frag Kit 4 kits. Therefore, the Commandant of the Marine Corps is directed to apply the funds previously appropriated for the procurement of Frag Kit 4 kits for the procurement of up-armored HMWVVs for contingency operations instead.

## FAMILY OF HEAVY TACTICAL VEHICLES

The recommendation includes \$803,230,000 for the Family of Heavy Tactical Vehicles. The funding provides for the purchase of a variety of heavy trucks, tractors and trailers including Heavy Expanded Mobility Tactical Trucks; Heavy Equipment Transporter Tractors; Heavy Equipment Transporter Trailers; and other heavy transport systems to support line haul, local haul, unit resupply and other missions. These trucks and trailers provide critical support to units in the

field. The Army is expected to promptly procure these heavy trucks and trailers as described in budget justification materials.

#### COMMON REMOTELY OPERATED WEAPONS STATION

The recommendation provides \$495,000,000 for Common Remotely Operated Weapons Stations (CROWS), which includes the \$235,000,000 in the budget request, a transfer of \$360,000,000 from Other Procurement, Army, and a program reduction of \$100,000,000. Although there is strong support for the CROWS program, this reduction will avoid funding ahead of need. It is understood that funding for CROWS systems is available in the funding lines for other weapons systems and tactical vehicles. Should additional CROWS funding be required in fiscal year 2010, the Army should reprogram internally to meet the demand. The Army is encouraged to make the CROWS System a Program of Record.

#### MINE RESISTANT AMBUSH PROTECTED (MRAP) AND MINE RESISTANT AMBUSH PROTECTED ALL TERRAIN VEHICLES (M-ATVs)

The recommendation provides \$6,281,000,000, an increase of \$825,000,000 over the request to address additional M-ATV vehicle requirements, as identified by the Department. The Department shall continue to adhere to the execution and reporting requirements contained in section 8122 of Public Law 110-116.

TRAINING DEVICES FOR MINE RESISTANT AMBUSH PROTECTED (MRAP) AND MINE  
RESISTANT AMBUSH PROTECTED ALL TERRAIN VEHICLES (M-ATVs)

In response to the threat of Improvised Explosive Devices (IEDs) to Forces in theater, the Department of Defense has procured more than 16,000 MRAPs, and recently validated a requirement of more than 6,000 light-weight MRAPs, M-ATVs, for operations in Afghanistan.

Due to the weight of the heavy armor and high center of gravity, the driving characteristics of both the MRAP and M-ATV are considerably different from other vehicles that are in use by the military. Aggressive safety training helps avoid casualties due to rollovers and other types of accidents. Emergency egress training, including the emergency operation of the heavy armored doors is essential. It is understood that MRAP vehicles and virtual trainers have been provided to home station training facilities for active component, National Guard and Reserve units to prepare service members to operate and maintain these vehicles, which they will receive upon their arrival in the combat theaters. The military services are encouraged to take maximum advantage of these training devices to prepare servicemembers for operations in and around MRAPs and M-ATVs. The Department is expected to use funds available in this Act to procure additional training devices, including virtual vehicle trainers if required.

## NATIONAL GUARD AND RESERVE EQUIPMENT

The recommendation provides \$950,000,000 for the National Guard and Reserve Equipment Account. Of that amount, \$575,000,000 is for the Army National Guard; \$135,000,000 for the Air National Guard; \$85,000,000 for the U.S. Army Reserve; \$55,000,000 for the Navy Reserve; \$45,000,000 for the Marine Corps Reserve; and \$55,000,000 for the Air Force Reserve to meet urgent equipment needs that may arise this fiscal year.

This funding will allow the Guard and reserve components to procure high priority equipment that will complement the combined State and Federal missions.

### MODERNIZATION PRIORITIES

Each National Guard and reserve component Chief shall submit to the congressional defense committees a detailed assessment of that component's modernization priorities not later than 30 days after enactment of this Act. The National Guard and reserve component Chiefs should exercise control of the funds provided in this account, to better ensure that the most urgent National Guard and reserve equipment modernization priorities are addressed with the funding provided in this appropriation.

## RESEARCH, DEVELOPMENT, TEST AND EVALUATION

For Research, Development, Test and Evaluation, funds are to be available for fiscal year 2010, as follows:

R-1	Budget Request	House	Senate	Recommendation
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, ARMY</b>				
75 ELECTRONIC WARFARE DEVELOPMENT	18,598	18,598	18,598	18,598
161 SECURITY AND INTELLIGENCE ACTIVITIES	7,644	7,644	7,644	7,644
162 INFORMATION SYSTEMS SECURITY PROGRAM	2,220	2,220	2,220	2,220
167 TACTICAL UNMANNED AERIAL VEHICLES	29,500	29,500	29,500	29,500
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, ARMY</b>	<b>57,962</b>	<b>57,962</b>	<b>57,962</b>	<b>57,962</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, NAVY</b>				
20 USMC Advanced Technology Demonstration Future Immersive Training (Transfer from Operation and Maintenance, Navy)				9,480
27 AVIATION SURVIVABILITY	8,000	0	0	0
Non-emergency development funding		-8,000	-8,000	-8,000
41 ADVANCED SUBMARINE SYSTEM DEVELOPMENT	9,000	0	0	0
Non-emergency development funding		-9,000	-9,000	-9,000
203 MANNED RECONNAISSANCE SYSTEMS	51,900	0	0	16,900
Insufficient justification		-51,900	-51,900	-35,000
210 SMALL (LEVEL 0) TACTICAL UAS (STUASLO)	6,000	6,000	0	0
Unjustified request			-6,000	-6,000
999 OTHER PROGRAMS	32,280	32,280	32,280	32,280
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, NAVY</b>	<b>107,180</b>	<b>38,280</b>	<b>32,280</b>	<b>58,660</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, AIR FORCE</b>				
128 MQ9 UAV	1,400	1,400	1,400	1,400
149 ADVANCED COMMUNICATIONS SYSTEMS	9,375	9,375	9,375	9,375
206 MQ-1 PREDATOR A UAV	1,400	1,400	11,400	11,400
999 OTHER PROGRAMS	17,111	17,111	17,111	17,111
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, AIR FORCE</b>	<b>29,286</b>	<b>29,286</b>	<b>39,286</b>	<b>39,286</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, DEFENSE-WIDE</b>				
139 GLOBAL COMMAND AND CONTROL SYSTEM	2,750	2,750	2,750	2,750
999 OTHER PROGRAMS	113,076	113,076	109,446	109,446
Program adjustment			-3,630	-3,630
<b>TOTAL, RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, DEFENSE-WIDE</b>	<b>115,826</b>	<b>115,826</b>	<b>112,196</b>	<b>112,196</b>

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## SABER FOCUS

The Saber Focus demonstration program is envisioned to provide a much needed capability to the warfighter. The Congress has provided over \$200,000,000 for this effort, funded entirely outside the normal budgeting process. The Department has been given numerous opportunities to fund this potentially game-changing program in its base budget but has chosen not to do so, largely due to schedule slips with the actual demonstration. The demonstration is currently scheduled in fiscal year 2010 and will utilize funding carried over from fiscal year 2009. Therefore, the recommendation provides \$16,900,000 for the Saber Focus program, a reduction of \$35,000,000, which should be sufficient to finally transition the program to a Program of Record.

# REVOLVING AND MANAGEMENT FUNDS

## DEFENSE WORKING CAPITAL FUNDS

For the Defense Working Capital Fund, \$412, 215,000 is provided for fiscal year 2010.

		Budget Request	House	Senate	Recommendation
<b>AIR FORCE WORKING CAPITAL FUNDS</b>					
TWCF	<b>TRANSPORTATION WORKING CAPITAL FUND</b>	0			15,300
	Transportation of Fallen Heroes (transferred from Iraq Freedom Fund)		15,300	15,300	
<b>TOTAL, AIR FORCE WORKING CAPITAL FUNDS</b>		<b>0</b>	<b>15,300</b>	<b>15,300</b>	<b>15,300</b>
<b>DEFENSE-WIDE WORKING CAPITAL FUNDS</b>					
DWCF	<b>DEFENSE-WIDE WORKING CAPITAL FUNDS</b>	<b>396,915</b>	<b>396,915</b>	<b>396,915</b>	<b>396,915</b>
<b>TOTAL, DEFENSE-WIDE WORKING CAPITAL FUNDS</b>		<b>396,915</b>	<b>396,915</b>	<b>396,915</b>	<b>396,915</b>
<b>TOTAL, DEFENSE WORKING CAPITAL FUNDS</b>		<b>396,915</b>	<b>412,215</b>	<b>412,215</b>	<b>412,215</b>

OTHER DEPARTMENT OF DEFENSE PROGRAMS

DEFENSE HEALTH PROGRAM

For the Defense Health Program, \$1,256,675,000 is provided for fiscal year

2010, as follows:

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

	Budget Request	House	Senate	Recommendation
<b>OPERATION AND MAINTENANCE</b>	1,155,235	1,155,235	1,563,675	1,256,675
<b>IN-HOUSE CARE</b>	503,500	503,500	569,030	569,030
<b>PRIVATE SECTOR CARE</b>	494,657	494,657	530,567	530,567
<b>CONSOLIDATED HEALTH CARE</b>	134,392	134,392	441,392	134,392
TBI/PH and WII requirements transfer from base			307,000	0
<b>INFORMATION MANAGEMENT/IT</b>	3,032	3,032	3,032	3,032
<b>MANAGEMENT HEADQUARTERS</b>	1,246	1,246	1,246	1,246
<b>EDUCATION AND TRAINING</b>	16,599	16,599	16,599	16,599
<b>BASE OPERATIONS AND COMMUNICATIONS</b>	1,809	1,809	1,809	1,809

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

(INCLUDING TRANSFER OF FUNDS)

For Drug Interdiction and Counter-Drug Activities, \$346,603,000 is provided for fiscal year 2010, as follows:

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

	<b>Budget Request</b>	<b>House</b>	<b>Senate</b>	<b>Recommendation</b>
<b>PC9204</b>	<b>324,603</b>	<b>317,603</b>	<b>353,603</b>	<b>346,603</b>
<b>AFGHANISTAN</b>	<b>270,403</b>	<b>263,403</b>	<b>299,403</b>	<b>292,403</b>
Afghanistan Border facilities - new construction locations not determined		-5,000		-5,000
New CNP-A Internal Polygraph Program		-2,000		-2,000
NIU/CNP-A Air Mobility (CONUS) Partial Year Savings			-3,000	-3,000
Replacement Helicopters			32,000	32,000
<b>KAZAKHSTAN</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>
<b>KYRGYZSTAN</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>
<b>PAKISTAN</b>	<b>38,400</b>	<b>38,400</b>	<b>38,400</b>	<b>38,400</b>
<b>TAJIKISTAN</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>
<b>TURKMENISTAN</b>	<b>4,800</b>	<b>4,800</b>	<b>4,800</b>	<b>4,800</b>

**JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND**

(INCLUDING TRANSFER OF FUNDS)

For the Joint Improvised Explosive Device Defeat Fund, funds are to be available for fiscal year 2010, as follows:

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

	Budget Request	House	Senate	Recommendation
<b>Attack the Network</b>	812,000	730,000	1,015,100	865,100
Transfer from Title VI			203,100	53,100
<b>Defeat the Device</b>	536,000	600,000	735,100	735,100
Transfer from Title VI			199,100	199,100
<b>Train the Force</b>	187,000	160,000	161,810	161,810
Transfer from Title VI			41,100	41,100
Transfer to Service OCO accounts for proper execution			-66,290	-66,290
<b>Staff and Infrastructure</b>	0	0	121,550	0
Transfer from Title VI			121,550	
<b>Total, Joint Improvised Explosive Device Defeat Fund</b>	<b>1,535,000</b>	<b>1,490,000</b>	<b>2,033,560</b>	<b>1,762,010</b>

The Director, Joint Improvised Explosive Device Defeat Organization (JIEDDO) is directed to continue to submit monthly commitment, obligation, and expenditure data by line of operation and by year of appropriation to the congressional defense committees. Further, the Director, JIEDDO is directed to submit monthly reports of obligation data on a project-by-project basis by line of operation to the congressional defense committees. The Director, JIEDDO is also

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directed to follow standard reprogramming procedures when transferring a cumulative amount of \$20,000,000 or more between lines of operation.

OFFICE OF THE INSPECTOR GENERAL

For the Office of the Inspector General, \$8,876,000 is provided for fiscal year 2010.

## TITLE IX - GENERAL PROVISIONS

The recommendation incorporates general provisions from the House and Senate versions of the bill which were not amended. Those general provisions that were addressed follow:

The recommendation retains a provision proposed by the Senate that provides for special transfer authority for this title. The House bill contained a similar provision.

The recommendation retains a provision proposed by the Senate that provides authority for the supervisory and administrative costs associated with construction projects in Afghanistan funded with operation and maintenance funds, that may be obligated when the contract is awarded. The House bill contained a similar provision.

The recommendation retains a provision proposed by the Senate that provides for the procurement of passenger motor vehicles for the physical security of personnel. The House bill contained a similar provision.

The recommendation modifies a provision proposed by the House and the Senate which provides funding under "Operation and Maintenance, Army" to fund the Commander's Emergency Response Program (CERP) and requires quarterly reports to the congressional defense committees.

The recommendation does not retain a provision proposed by the House that provides for a transfer from the Defense Cooperation Account. The Senate bill contained no similar provision.

The recommendation retains a provision proposed by the Senate that designates funds in this title for overseas deployments and other activities. The House bill contained a similar provision.

The recommendation retains a provision proposed by the House that prohibits the use of funds made available in this Act to contravene laws enacted or regulations promulgated to implement the United Nations Convention Against

Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment. The Senate bill contained the same provision in Title VIII.

The recommendation does not retain a provision proposed by the House that requires a report on the timetable for Iraq troop draw down. The Senate bill contained no similar provision. The issue is addressed elsewhere in this statement.

The recommendation retains a provision proposed by the Senate that provides reporting requirements and reprogramming thresholds for Iraq and Afghanistan Security Forces Funds and Pakistan Counterinsurgency Fund. The House bill contained no similar provision.

The recommendation includes a provision that restricts the transfer or release into the United States of any individual who was detained at Naval Station, Guantanamo Bay, Cuba.

The recommendation does not retain a provision proposed by the Senate that provides funding for fuel requirements. The House bill contained no similar provision.

The recommendation retains a provision proposed by the Senate that prohibits funding of the Association Community Organizations for Reform Now. The House bill contained no similar provision. The issue is addressed in Title VIII.

The recommendation does not retain a provision proposed by the Senate that provides for the support of certain civilian-military training for citizens deploying to Afghanistan. The House bill contained no similar provision. This issue is addressed elsewhere in the statement.

The recommendation does not retain a provision proposed by the Senate to hold open and closed hearings on strategy and resources of the United States with respect to Afghanistan and Pakistan. The House bill contained no similar provision.

The recommendation modifies a provision proposed by the Senate that makes available funding for outreach and reintegration services under the Yellow Ribbon Reintegration Program. The House bill contained no similar provision.

## **TITLE X - GENERAL PROVISIONS**

The recommendation incorporates general provisions from the House and Senate versions of the bill which were not amended. Those general provisions that were addressed follow:

The recommendation does not retain a provision proposed by the House concerning hyperbaric chambers for treatment of traumatic brain injury. The Senate bill contained no similar provision. The issue is addressed elsewhere in the statement.

DEPARTMENT OF DEFENSE APPROPRIATIONS ACT-FY 2010  
(Amounts in thousands)

	FY 2009 Enacted	FY 2010 Request	House	Senate	Recommendation	Recommendation vs. Enacted
<b>TITLE I</b>						
<b>MILITARY PERSONNEL</b>						
Military Personnel, Army.....	38,382,730	41,312,448	39,801,647	41,267,448	41,005,812	+4,822,878
Military Personnel, Navy.....	24,037,553	25,504,472	25,095,581	25,440,472	25,289,049	+1,251,498
Military Personnel, Marine Corps.....	11,792,974	12,915,790	12,528,845	12,883,790	12,789,890	+1,007,918
Military Personnel, Air Force.....	25,103,789	28,438,781	25,838,850	28,378,781	28,174,138	+1,879,347
Reserve Personnel, Army.....	3,904,298	4,338,858	4,308,513	4,288,858	4,304,713	+400,417
Reserve Personnel, Navy.....	1,855,988	1,938,188	1,918,111	1,905,188	1,909,381	+53,333
Reserve Personnel, Marine Corps.....	584,810	817,500	810,880	811,500	813,800	+28,590
Reserve Personnel, Air Force.....	1,423,878	1,807,712	1,800,482	1,584,712	1,588,412	+168,738
National Guard Personnel, Army.....	8,818,220	7,821,488	7,525,828	7,535,088	7,548,905	+938,885
National Guard Personnel, Air Force.....	2,741,788	2,970,949	2,949,899	2,923,599	2,938,229	+198,481
<b>Total, title I, Military Personnel.....</b>	<b>114,443,880</b>	<b>125,284,942</b>	<b>122,378,018</b>	<b>124,817,182</b>	<b>124,170,847</b>	<b>+8,728,857</b>
<b>TITLE II</b>						
<b>OPERATION AND MAINTENANCE</b>						
Operation and Maintenance, Army.....	31,207,243	31,274,882	30,454,182	30,887,888	30,834,559	-272,883
Operation and Maintenance, Navy.....	34,419,773	35,070,348	34,885,832	34,773,497	34,714,398	+303,823
Operation and Maintenance, Marine Corps.....	5,519,232	5,538,223	5,557,510	5,435,823	5,538,117	+19,885
Operation and Maintenance, Air Force.....	34,885,984	34,748,159	33,785,348	33,739,447	33,477,118	-1,388,848
Operation and Maintenance, Defense-Wide.....	25,939,488	28,357,248	27,828,377	28,206,050	28,115,793	+2,178,327
Operation and Maintenance, Army Reserve.....	2,828,898	2,820,198	2,821,198	2,582,824	2,817,498	-2,178,400
Operation and Maintenance, Navy Reserve.....	1,388,141	1,278,501	1,280,001	1,272,501	1,273,701	-34,440
Operation and Maintenance, Marine Corps Reserve.....	212,487	228,925	228,925	218,428	223,175	+10,888
Operation and Maintenance, Air Force Reserve.....	3,018,151	3,079,228	3,079,228	3,085,700	3,131,200	+113,949
Operation and Maintenance, Army National Guard.....	5,858,303	8,257,034	8,353,827	5,888,034	8,188,713	+331,410
Operation and Maintenance, Air National Guard.....	5,991,044	5,885,781	5,888,741	5,857,811	5,882,251	-18,793
Overseas Contingency Operations Transfer Account.....	---	5,000	---	---	---	---
United States Court of Appeals for the Armed Forces.....	13,254	13,832	13,832	13,832	13,832	+978
Environmental Restoration, Army.....	457,778	415,884	415,884	430,884	423,384	-34,412
Environmental Restoration, Navy.....	290,818	285,888	285,888	285,888	285,888	-4,850
Environmental Restoration, Air Force.....	498,277	494,278	494,278	494,278	494,278	-2,901
Environmental Restoration, Defense-Wide.....	13,175	11,100	11,100	11,100	11,100	-2,075
Environmental Restoration, Formerly Used Defense Sites.....	291,298	287,700	277,700	307,700	292,700	+1,404
Overseas Humanitarian, Disaster, and Civic Aid.....	83,273	109,889	109,889	109,889	109,888	+28,598
Cooperative Threat Reduction Account.....	434,135	404,093	404,093	424,093	424,093	-10,942
Department of Defense Acquisition Workforce Development Fund.....	---	100,000	100,000	100,000	100,000	+100,000
<b>Total, title II, Operation and maintenance.....</b>	<b>152,948,705</b>	<b>158,444,204</b>	<b>154,178,741</b>	<b>154,005,801</b>	<b>154,253,711</b>	<b>+1,304,008</b>
<b>TITLE III</b>						
<b>PROCUREMENT</b>						
Aircraft Procurement, Army.....	4,900,835	5,315,991	5,144,991	5,244,282	5,083,822	+192,887
Missile Procurement, Army.....	2,185,080	1,370,108	1,358,808	1,257,883	1,251,053	-834,007
Procurement of Weapons and Tracked Combat Vehicles, Army.....	3,189,128	2,451,952	2,881,952	2,310,007	2,335,807	-833,321
Procurement of Ammunition, Army.....	2,287,388	2,051,895	2,053,385	2,048,985	2,056,115	-231,283
Other Procurement, Army.....	10,884,014	9,807,151	9,293,801	9,395,444	8,582,880	-2,101,354
Aircraft Procurement, Navy.....	14,141,318	18,378,312	18,325,481	18,078,312	18,843,221	+4,501,903
Weapons Procurement, Navy.....	3,292,972	3,453,455	3,228,493	3,448,419	3,387,572	+84,880
Procurement of Ammunition, Navy and Marine Corps.....	1,085,158	840,875	784,888	814,015	800,851	-284,597
Shipbuilding and Conversion, Navy.....	13,054,387	13,778,887	14,721,532	15,384,800	13,881,532	+827,185
Other Procurement, Navy.....	5,250,827	5,881,178	5,395,081	5,499,413	5,441,234	+190,807
Procurement, Marine Corps.....	1,378,817	1,600,838	1,583,743	1,550,080	1,821,985	+144,588
Aircraft Procurement, Air Force.....	13,112,817	11,988,278	11,958,182	13,148,720	13,295,474	+182,657
Missile Procurement, Air Force.....	5,442,428	8,300,728	8,508,359	8,076,344	8,895,544	+553,118
Procurement of Ammunition, Air Force.....	858,488	822,482	808,841	815,248	801,559	-57,818
Other Procurement, Air Force.....	18,052,588	17,283,141	18,883,781	17,283,800	17,138,239	+1,065,870
Procurement, Defense-Wide.....	3,308,289	3,984,352	4,038,816	4,017,897	4,050,537	+744,288
National Guard and Reserve Equipment.....	750,000	---	---	1,500,000	---	-750,000
Defense Production Act Purchases.....	100,585	38,248	82,848	149,748	150,748	+50,181
<b>Total, title III, Procurement.....</b>	<b>101,051,708</b>	<b>105,213,426</b>	<b>104,837,809</b>	<b>108,018,143</b>	<b>104,397,282</b>	<b>+3,345,554</b>
<b>TITLE IV</b>						
<b>RESEARCH, DEVELOPMENT, TEST AND EVALUATION</b>						
Research, Development, Test and Evaluation, Army.....	12,080,111	10,438,218	11,151,884	10,853,128	11,474,189	-585,931
Research, Development, Test and Evaluation, Navy.....	19,784,278	18,270,932	20,197,369	18,148,588	20,003,483	+239,187
Research, Development, Test and Evaluation, Air Force.....	27,084,340	27,992,827	27,878,278	28,049,015	28,121,985	+1,037,845
Research, Development, Test and Evaluation, Defense-Wide.....	21,423,338	20,741,542	20,721,723	20,408,988	20,747,081	-878,257
Operational Test and Evaluation, Defense.....	188,772	190,770	190,770	190,770	190,770	+1,998
<b>Total, title IV, Research, Development, Test and Evaluation.....</b>	<b>80,520,837</b>	<b>78,634,289</b>	<b>80,237,955</b>	<b>78,450,388</b>	<b>80,537,478</b>	<b>+18,842</b>

DEPARTMENT OF DEFENSE APPROPRIATIONS ACT-FY 2010  
(Amounts in thousands)

	FY 2009 Enacted	FY 2010 Request	House	Senate	Recommendation	Recommendation vs. Enacted
<b>TITLE V</b>						
<b>REVOLVING AND MANAGEMENT FUNDS</b>						
Defense Working Capital Funds.....	1,489,234	1,455,004	1,455,004	1,455,004	1,455,004	-34,230
National Defense Sealift Fund.....	1,686,572	1,642,758	1,692,758	1,242,758	1,672,758	+8,186
Defense Coalition Support Fund.....	---	22,000	---	---	---	---
<b>Total, title V, Revolving and Management Funds..</b>	<b>3,155,806</b>	<b>3,119,762</b>	<b>3,147,762</b>	<b>2,697,762</b>	<b>3,127,762</b>	<b>-28,044</b>
<b>TITLE VI</b>						
<b>OTHER DEPARTMENT OF DEFENSE PROGRAMS</b>						
<b>Defense Health Program:</b>						
Operation and maintenance.....	24,811,389	26,987,919	28,257,585	26,990,218	27,596,889	+2,985,320
Procurement.....	311,905	322,142	384,142	322,142	388,892	+54,787
Research, development, test and evaluation.....	902,558	613,102	1,249,402	998,752	1,280,047	+377,489
<b>Total, Defense Health Program.....</b>	<b>25,825,852</b>	<b>27,903,163</b>	<b>29,891,109</b>	<b>28,311,113</b>	<b>29,243,428</b>	<b>+3,417,598</b>
National Defense Stockpile Transaction Fund transfer to Defense Health program.....	-1,300,000	---	---	---	---	+1,300,000
<b>Chemical Agents and Munitions Destruction, Defense:</b>						
Operation and maintenance.....	1,152,688	1,148,802	1,148,802	1,125,911	1,148,802	-5,888
Procurement.....	64,085	12,689	12,689	12,689	12,689	-51,398
Research, development, test and evaluation.....	288,881	401,289	351,289	401,289	401,289	+112,388
<b>Total, Chemical Agents 1/.....</b>	<b>1,505,654</b>	<b>1,562,780</b>	<b>1,512,780</b>	<b>1,539,889</b>	<b>1,562,780</b>	<b>+55,128</b>
Drug Interdiction and Counter-Drug Activities, Defense	1,098,743	1,058,984	1,237,684	1,103,088	1,158,228	+81,483
Joint Improvised Explosive Device Defeat Fund 1/.....	---	564,850	364,550	---	121,550	+121,550
Rapid Acquisition Fund 1/.....	---	79,300	---	---	---	---
Office of the Inspector General 1/.....	271,845	272,444	288,100	288,100	288,100	+18,255
<b>Total, title VI, Other Department of Defense Programs.....</b>	<b>27,400,054</b>	<b>31,439,501</b>	<b>33,292,203</b>	<b>31,242,168</b>	<b>32,372,064</b>	<b>+4,872,010</b>
<b>TITLE VII</b>						
<b>RELATED AGENCIES</b>						
Central Intelligence Agency Retirement and Disability System Fund.....	279,200	290,900	290,900	290,900	290,900	+11,700
Intelligence Community Management Account (ICMA).....	710,042	672,812	811,002	750,812	707,912	-2,130
Transfer to Department of Justice.....	(44,000)	---	---	---	---	(-44,000)
<b>Total, title VII, Related agencies.....</b>	<b>989,242</b>	<b>963,712</b>	<b>901,902</b>	<b>1,041,712</b>	<b>998,812</b>	<b>+9,570</b>
<b>TITLE VIII</b>						
<b>GENERAL PROVISIONS</b>						
Additional transfer authority (Sec. 8005).....	(4,100,000)	(5,000,000)	(4,000,000)	(4,000,000)	(4,000,000)	(-100,000)
Indian Financing Act Incentives (Sec. 8021).....	15,000	---	15,000	15,000	15,000	---
FFRDC (Sec. 8028).....	-84,000	---	-125,200	-120,200	-125,200	-41,200
Overseas Military Facility Invest Recovery (Sec. 8031)	1,000	1,000	1,000	1,000	1,000	---
Rescissions (Sec. 8042).....	-1,320,473	---	-1,391,339	-1,278,001	-1,244,057	+78,418
O&M, Def-wide transfer authority (Sec. 8053).....	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	---
Fisher House Foundation (Sec. 8074).....	8,000	---	5,000	---	3,750	-4,250
Special needs students (Sec. 8081).....	5,500	---	---	5,500	5,500	---
Military Recruitment Assessment & Vet Empl (Sec. 8082)	3,000	---	3,000	---	3,000	---
Various grants (Sec. 8085).....	112,400	---	88,700	50,500	110,840	-1,760
Shipbuilding & conversion funds, Navy (Sec. 8098).....	10,000	10,000	10,000	10,000	10,000	---
Revised economic assumptions (Sec. 8097).....	---	---	---	-881,000	-881,000	-881,000
Working Capital Fund excess cash (Sec. 8107).....	-859,000	---	---	-500,000	-400,000	+459,000
Stop Loss transfer fund (Sec. 8108).....	72,000	---	8,300	---	---	-72,000
Fisher House transfer authority (Sec. 8109).....	---	(10,000)	(12,000)	(10,000)	(11,000)	(+11,000)
ICMA transfer authority (Sec. 8110).....	---	(24,000)	(24,000)	(24,000)	(24,000)	(+24,000)
Foreign Currency Fluctuations, Defense	---	---	400,000	---	---	---
Excess fuel funding (MCF cash)	---	---	-289,570	---	---	---
Tanker Replacement Transfer Fund (Sec. 8119).....	---	---	439,815	---	291,715	+201,715
Iraqi/Afghan Refugee Resettlement Support (Sec. 8120)	---	---	4,000	---	4,000	+4,000
Contractor inventory	-829,780	---	-550,000	---	---	+629,780
Defense Health Program, O&M	---	---	-26,000	---	---	---
Defense Health Program, RDT&E	---	---	28,000	---	---	---
Operation & Maintenance, Air Force	---	---	-50,000	---	---	---
Chemical Agents & Munitions Destruction, DE	---	---	50,000	---	---	---
<b>Total, Title VIII, General Provisions.....</b>	<b>-2,866,353</b>	<b>11,000</b>	<b>-1,381,494</b>	<b>-2,677,201</b>	<b>-2,185,662</b>	<b>+880,701</b>

DEPARTMENT OF DEFENSE APPROPRIATIONS ACT-FY 2010  
(Amounts in thousands)

	FY 2009 Enacted	FY 2010 Request	House	Senate	Recommendation	Recommendation vs. Enacted
<b>TITLE IX</b>						
<b>OVERSEAS CONTINGENCY OPERATIONS (OCO) 2/</b>						
<b>DEPARTMENT OF DEFENSE--MILITARY</b>						
<b>Military Personnel</b>						
Military Personnel, Army (ODOA).....	9,808,340	10,492,723	9,597,340	9,958,840	9,958,840	+9,958,840
Military Personnel, Navy (ODOA).....	1,175,601	1,622,717	1,175,601	1,368,601	1,368,601	+1,368,601
Military Personnel, Marine Corps (ODOA).....	670,722	997,470	670,722	776,722	776,722	+776,722
Military Personnel, Air Force (ODOA).....	1,445,378	1,655,337	1,445,378	1,667,378	1,667,378	+1,667,378
Reserve Personnel, Army (ODOA).....	294,637	302,837	293,637	293,137	293,137	+293,137
Reserve Personnel, Navy (ODOA).....	39,040	39,040	37,040	37,040	37,040	+37,040
Reserve Personnel, Marine Corps (ODOA).....	31,337	31,337	31,337	31,337	31,337	+31,337
Reserve Personnel, Air Force (ODOA).....	24,822	24,822	19,822	19,822	19,822	+19,822
National Guard Personnel, Army (ODOA).....	839,968	839,968	824,968	824,968	824,968	+824,968
National Guard Personnel, Air Force (ODOA).....	18,500	18,500	9,500	9,500	9,500	+9,500
<b>Total, Military Personnel.....</b>	<b>14,146,341</b>	<b>18,224,549</b>	<b>14,105,341</b>	<b>15,009,341</b>	<b>15,009,341</b>	<b>+15,009,341</b>
<b>Operation and Maintenance</b>						
Operation & Maintenance, Army (ODOA).....	52,366,761	41,838,029	51,929,187	47,821,154	47,821,154	+47,821,154
Operation & Maintenance, Navy (ODOA).....	6,219,583	4,975,865	5,889,597	5,475,925	5,475,925	+5,475,925
Coast Guard (by transfer) (ODOA).....	(241,503)	(241,503)	---	---	---	---
Operation & Maintenance, Marine Corps (ODOA).....	3,701,800	2,981,279	3,775,278	3,430,258	3,430,258	+3,430,258
Operation & Maintenance, Air Force (ODOA).....	10,026,668	7,858,895	9,929,888	9,218,319	9,218,319	+9,218,319
Operation & Maintenance, Defense-Wide (ODOA).....	7,583,400	7,397,800	7,550,900	7,490,900	7,490,900	+7,490,900
Coalition support funds (ODOA).....	(1,600,000)	(1,540,000)	(1,800,000)	(1,570,000)	(1,570,000)	(+1,570,000)
Operation & Maintenance, Army Reserves (ODOA).....	204,326	183,481	234,898	204,326	204,326	+204,326
Operation & Maintenance, Navy Reserves (ODOA).....	68,059	54,447	68,059	68,059	68,059	+68,059
Operation & Maintenance, Marine Corps Reserve (ODOA).....	88,867	69,333	88,867	88,867	88,867	+88,867
Operation & Maintenance, Air Force Reserve (ODOA).....	125,825	100,740	125,825	125,825	125,825	+125,825
Operation & Maintenance, Air National Guard (ODOA).....	321,648	257,317	450,248	321,648	321,648	+321,648
Operation & Maintenance, Air National Guard (ODOA).....	289,862	231,688	269,862	269,862	269,862	+269,862
Overseas Contingency Operations Transfer Fund.....	---	14,638,901	---	5,000,000	5,000,000	+5,000,000
<b>Subtotal, Operation and Maintenance.....</b>	<b>80,894,687</b>	<b>80,543,758</b>	<b>80,339,469</b>	<b>79,531,041</b>	<b>79,531,041</b>	<b>+79,531,041</b>
Iraq Freedom Fund (ODOA).....	115,300	---	---	---	---	---
Afghanistan Security Forces Fund (ODOA).....	7,482,789	7,482,789	6,582,789	6,582,789	6,582,789	+6,582,789
Pakistan Counterinsurgency Capability Fund (ODOA).....	700,000	---	---	---	---	---
<b>Total, Operation and Maintenance.....</b>	<b>89,272,766</b>	<b>88,006,525</b>	<b>86,902,228</b>	<b>86,093,810</b>	<b>86,093,810</b>	<b>+86,093,810</b>
<b>Procurement</b>						
Aircraft Procurement, Army (ODOA).....	1,636,228	1,636,228	1,119,319	1,238,219	1,238,219	+1,238,219
Missile Procurement, Army (ODOA).....	531,570	489,470	475,954	475,954	475,954	+475,954
Procurement of Weapons and Tracked Combat Vehicles, Army (ODOA).....	759,466	1,219,466	875,888	1,169,466	1,169,466	+1,169,466
Procurement of Ammunition, Army (ODOA).....	370,835	370,835	365,835	365,835	365,835	+365,835
Other Procurement, Army (ODOA).....	5,675,328	5,635,308	4,874,178	5,800,518	5,800,518	+5,800,518
Aircraft Procurement, Navy (ODOA).....	918,553	689,097	1,342,577	853,297	853,297	+853,297
Weapons Procurement, Navy (ODOA).....	50,700	73,700	50,700	50,700	50,700	+50,700
Procurement of Ammunition, Navy and Marine Corps (ODOA).....	681,957	698,780	881,957	675,957	675,957	+675,957
Other Procurement, Navy (ODOA).....	318,018	260,797	260,118	241,018	241,018	+241,018
Procurement, Marine Corps (ODOA).....	1,080,266	1,100,268	888,197	893,197	893,197	+893,197
Aircraft Procurement, Air Force (ODOA).....	780,441	825,718	738,501	738,501	738,501	+738,501
Missile Procurement, Air Force (ODOA).....	36,825	36,825	36,825	36,825	36,825	+36,825
Procurement of Ammunition, Air Force (ODOA).....	258,819	258,819	258,819	258,819	258,819	+258,819
Other Procurement, Air Force (ODOA).....	2,321,548	2,275,236	3,138,021	2,583,421	2,583,421	+2,583,421
Procurement, Defense-Wide (ODOA).....	491,430	489,980	480,780	480,780	480,780	+480,780
National Guard and Reserve Equipment (ODOA).....	---	500,000	---	950,000	950,000	+950,000
Mine Resistant Ambush Protected Vehicle Fund (ODOA).....	5,458,000	3,608,000	8,858,000	8,281,000	8,281,000	+8,281,000
Rapid Acquisition Fund (ODOA).....	---	40,000	---	---	---	---
<b>Total, Procurement.....</b>	<b>21,343,568</b>	<b>20,384,128</b>	<b>22,219,245</b>	<b>23,089,105</b>	<b>23,089,105</b>	<b>+23,089,105</b>
<b>Research, Development, Test and Evaluation</b>						
Research, Development, Test & Evaluation, Army (ODOA).....	57,962	57,962	57,962	57,962	57,962	+57,962
Research, Development, Test & Evaluation, Navy (ODOA).....	107,180	38,280	84,180	58,680	58,680	+58,680
Research, Development, Test & Evaluation, Air Force (ODOA).....	29,288	29,288	39,288	39,288	39,288	+39,288
Research, Development, Test and Evaluation, Defense-Wide (ODOA).....	115,828	115,828	112,198	112,198	112,198	+112,198
<b>Total, Research, Development, Test and Evaluation.....</b>	<b>310,258</b>	<b>241,358</b>	<b>293,624</b>	<b>268,104</b>	<b>268,104</b>	<b>+268,104</b>

DEPARTMENT OF DEFENSE APPROPRIATIONS ACT-FY 2010  
(Amounts in thousands)

	FY 2009 Enacted	FY 2010 Request	House	Senate	Recommendation	Recommendation vs. Enacted
<b>Revolving and Management Funds</b>						
Defense Working Capital Funds (ODOA).....	---	398,915	412,215	412,215	412,215	+412,215
Total, Revolving and Management Funds.....	---	398,915	412,215	412,215	412,215	+412,215
<b>Other Department of Defense Programs</b>						
Defense Health Program (ODOA).....	---	1,258,875	1,155,235	1,583,875	1,258,875	+1,258,875
Drug Interdiction and Counter-Drug Activities, Defense (ODOA).....	---	324,803	317,803	353,803	348,803	+348,803
Joint IED Defeat Fund (ODOA).....	---	1,535,000	1,490,000	2,033,580	1,782,010	+1,782,010
Office of the Inspector General (ODOA).....	---	8,878	8,878	8,878	8,878	+8,878
Total, Other Department of Defense Programs.....	---	3,126,154	2,871,714	3,959,714	3,374,184	+3,374,184
<b>TITLE IX General Provisions</b>						
Additional transfer authority (ODOA) (Sec. 9002).....	---	(4,000,000)	(3,000,000)	(4,000,000)	(4,000,000)	(+4,000,000)
Fuel.....	---	---	---	329,000	---	---
Defense Cooperation Account (ODOA).....	---	---	8,500	---	---	---
Total, General Provisions.....	---	---	8,500	329,000	---	---
Total, Title IX.....	---	128,595,018	128,248,985	128,221,387	128,248,738	+128,248,738
Total for the bill (net).....	477,844,889	829,885,852	825,837,879	825,815,332	825,919,024	+148,274,136
<b>OTHER APPROPRIATIONS</b>						
<b>SUPPLEMENTAL APPROPRIATIONS ACT, 2008 (PL 110-252)</b>						
<b>Title IX, Defense Matters</b>						
Chapter 2, Defense Bridge Fund Appropriations for FY 2009 (emergency).....	85,921,157	---	---	---	---	-85,921,157
Special transfer authority (emergency).....	(4,000,000)	---	---	---	---	(-4,000,000)
Subtotal, Chapter 2, FY 2009 (emergency).....	85,921,157	---	---	---	---	-85,921,157
Total, Public Law 110-252 (emergency).....	85,921,157	---	---	---	---	-85,921,157
<b>AMERICAN RECOVERY &amp; REINVESTMENT ACT, 2009 (PL 111-5)</b>						
<b>Title III, Department of Defense</b>						
Operation and Maintenance (emergency).....	3,840,000	---	---	---	---	-3,840,000
Research, Development, Test & Evaluation (emergency)...	300,000	---	---	---	---	-300,000
Other Department of Defense programs (emergency).....	415,000	---	---	---	---	-415,000
Total, Public Law 111-5 (emergency).....	4,555,000	---	---	---	---	-4,555,000
<b>SUPPLEMENTAL APPROPRIATIONS ACT, 2009 (PL 111-32)</b>						
<b>TITLE III DEPARTMENT OF DEFENSE</b>						
Military Personnel (ODOA).....	18,728,159	---	---	---	---	-18,728,159
Operation & Maintenance (ODOA).....	28,540,175	---	---	---	---	-28,540,175
Afghanistan Security Forces Fund (ODOA).....	3,608,939	---	---	---	---	-3,608,939
Pakistan Counterinsurgency Fund (ODOA).....	400,000	---	---	---	---	-400,000
Procurement (ODOA).....	25,848,718	---	---	---	---	-25,848,718
Research, Development, Test and Evaluation (ODOA).....	833,499	---	---	---	---	-833,499
Revolving and Management Funds (ODOA).....	881,728	---	---	---	---	-881,728
Other Department of Defense Programs (ODOA).....	2,301,992	---	---	---	---	-2,301,992
Special DE transfer authority (this title only).....	(2,500,000)	---	---	---	---	(-2,500,000)
Defense Cooperation Account (ODOA).....	8,500	---	---	---	---	-8,500
Iraq Security Forces Fund (emergency).....	1,000,000	---	---	---	---	-1,000,000
(rescission) (emergency).....	-1,000,000	---	---	---	---	+1,000,000
Fuel (rescission).....	-1,003,007	---	---	---	---	+1,003,007
(overseas deployments and activities) (rescission)...	-1,908,993	---	---	---	---	+1,908,993
Classified and other (ODOA) (rescission).....	-1,051,180	---	---	---	---	+1,051,180
Procurement, Army (ODOA) (rescission).....	-354,000	---	---	---	---	+354,000
Operation & maintenance, Def-Wide (ODOA) (rescission)...	-181,500	---	---	---	---	+181,500
Stop Loss Transfer Fund (ODOA).....	534,400	---	---	---	---	-534,400
Total, Public Law 111-32 (ODOA).....	77,181,438	---	---	---	---	-77,181,438
Total, Other Appropriations.....	147,837,598	---	---	---	---	-147,837,598
Net grand total (including other appropriations).....	826,282,485	829,885,852	825,837,879	825,815,332	825,919,024	+838,538

DEPARTMENT OF DEFENSE APPROPRIATIONS ACT-FY 2010  
(Amounts in thousands)

	FY 2009 Enacted	FY 2010 Request	House	Senate	Recommendation	Recommendation vs. Enacted
<b>CONGRESSIONAL BUDGET RECAP</b>						
Scorekeeping adjustments:						
Lease of defense real property (permanent).....	3,000	3,000	3,000	3,000	3,000	---
Disposal of defense real property (permanent).....	17,000	31,000	31,000	31,000	31,000	+14,000
O&M, Army transfer to National Park Service:						
Defense function.....	-2,500	---	---	---	---	+2,500
Non-defense function.....	2,500	---	---	---	---	-2,500
Tricare accrual (permanent, indefinite auth.) 3/..	10,351,000	10,707,000	10,707,000	10,707,000	10,707,000	+356,000
Retired/retainer pay (PL 111-32 Sec 318)(ODOA)....	---	5,000	5,000	5,000	5,000	+5,000
Less emergency appropriations .....	-70,478,157	---	---	---	---	+70,478,157
<b>Total, scorekeeping adjustments.....</b>	<b>-80,105,157</b>	<b>10,748,000</b>	<b>10,748,000</b>	<b>10,748,000</b>	<b>10,748,000</b>	<b>+70,851,157</b>
Adjusted total (Includ. scorekeeping adjustments)	565,177,328	640,431,852	638,583,879	638,581,332	638,665,024	+71,487,696
Appropriations.....	(567,500,808)	(640,431,852)	(637,975,218)	(637,839,333)	(637,908,081)	(+70,408,273)
Rescissions.....	(-2,323,480)	---	(-1,391,339)	(-1,276,001)	(-1,244,057)	(+1,079,423)
<b>Total (including scorekeeping adjustments).....</b>	<b>565,177,328</b>	<b>640,431,852</b>	<b>638,583,879</b>	<b>638,581,332</b>	<b>638,665,024</b>	<b>+71,487,696</b>
Amount in this bill.....	(625,262,485)	(629,685,852)	(625,837,879)	(625,815,332)	(625,919,024)	(+638,539)
Scorekeeping adjustments.....	(-80,105,157)	(10,748,000)	(10,748,000)	(10,748,000)	(10,748,000)	(+70,851,157)
<b>Total mandatory and discretionary.....</b>	<b>565,177,328</b>	<b>640,431,852</b>	<b>638,583,879</b>	<b>638,581,332</b>	<b>638,665,024</b>	<b>+71,487,696</b>
Mandatory.....	279,200	290,900	290,900	290,900	290,900	+11,700
Discretionary.....	564,898,128	640,140,952	638,292,979	638,270,432	638,374,124	+71,475,996
<b>RECAPITULATION</b>						
Title I - Military Personnel.....	114,443,890	125,284,942	122,378,016	124,617,192	124,170,847	+9,728,857
Title II - Operation and Maintenance.....	152,949,705	158,444,204	154,178,741	154,005,801	154,253,711	+1,304,008
Title III - Procurement.....	101,051,708	105,213,428	104,837,809	108,018,143	104,397,262	+3,345,654
Title IV - Research, Development, Test and Evaluation.	80,520,637	78,834,289	80,237,955	78,460,388	80,537,479	+16,842
Title V - Revolving and Management Funds.....	3,155,809	3,119,782	3,147,782	2,897,782	3,127,782	-28,044
Title VI - Other Department of Defense Programs.....	27,400,054	31,439,501	33,292,203	31,242,188	32,372,064	+4,972,010
Title VII - Related Agencies.....	989,242	963,712	901,902	1,041,712	998,812	+9,570
Title VIII - General Provisions (net).....	-2,868,353	11,000	-1,381,494	-2,877,201	-2,186,852	+880,701
Title IX - Overseas Deployments and Other Activities..	---	128,595,016	128,248,985	128,221,387	128,248,739	+128,248,739
<b>Total, Department of Defense.....</b>	<b>477,644,869</b>	<b>629,665,652</b>	<b>625,837,879</b>	<b>625,815,332</b>	<b>625,919,024</b>	<b>+148,274,136</b>
Other defense appropriations.....	147,837,696	---	---	---	---	-147,837,696
<b>Total funding available (net).....</b>	<b>625,282,485</b>	<b>629,665,652</b>	<b>625,837,879</b>	<b>625,815,332</b>	<b>625,919,024</b>	<b>+638,539</b>
Scorekeeping adjustments.....	-80,105,157	10,748,000	10,748,000	10,748,000	10,748,000	+70,851,157
<b>Total mandatory and discretionary.....</b>	<b>565,177,328</b>	<b>640,431,852</b>	<b>638,583,879</b>	<b>638,581,332</b>	<b>638,665,024</b>	<b>+71,487,696</b>

FOOTNOTES:

- 1/ Included in Budget under Procurement title.
- 2/ Overseas Deployments and Other Activities (ODOA) pursuant to FY 2010 concurrent budget resolution.
- 3/ Contributions to Department of Defense Retiree Health Care Fund (Sec. 726, P.L. 108-375)(CBO est)

## DIVISION B—OTHER MATTERS

Section 1001 provides such sums as are necessary for the Supplemental Nutrition Assistance Program (SNAP), to be held in reserve for use in such amounts and at such times as may be necessary to carry out the program. The fiscal year 2010 appropriation for SNAP was based on the latest official projection available to Congress at that time – the Office of Management and Budget’s Mid-Session Review – and can support a large increase in participation over fiscal year 2009. However, increases in participation levels in the latter part of fiscal year 2009 were very high. If those rates of increase continue, the current appropriation level would not be sufficient to meet program participation.

Section 1002 provides \$400,000,000 in additional funding for state administrative expenses under the Supplemental Nutrition Assistance Program, to assist states in dealing with high program participation levels, designated as an emergency requirement.

Section 1003 extends the authorization for compulsory copyright license used by satellite television providers to February 28, 2010. Funding is fully offset.

Section 1004 provides extension to certain provisions of the USA PATRIOT Improvement and Reauthorization Act of 2005 and the Intelligence Reform and Terrorism Prevention Act of 2004 until February 28, 2010.

Section 1005 extends the National Flood Insurance Program through February 28, 2010.

Section 1006 provides \$125,000,000 to the Small Business Administration (SBA), to continue two temporary enhancements to SBA loan guarantee programs made by the American Recovery and Reinvestment Act of 2009 and which are nearly out of funding. One of the enhancements being extended allows the SBA to guarantee 90 percent of certain small business loans, instead of the 75 percent allowed under permanent law (or 85 percent for small loans), thereby encouraging banks to make these loans by reducing the amount they have at risk and the reserves they must hold. The other reduces fees paid by lenders and borrowers. The funding provided in the bill is estimated to be sufficient to continue both items through February 28, 2010. The bill also extends the expiration date of the authorization for the 90 percent loan guarantees from February 17 to February 28, 2010. Funding is fully offset.

Section 1007 will release upon enactment to Swain County, North Carolina \$4,000,000 of previously appropriated funds, with the remaining \$8,800,000 to be made available 120 days after the County, the state of North Carolina, the Interior Department and the Tennessee Valley Authority reach a settlement.

Section 1008 extends the authorization for the highway, transit, highway safety and motor carrier safety programs of the Department of Transportation until February 28, 2010.

Section 1009 provides an extension of expiring UI benefit provisions that were established or continued in the American Recovery and Reinvestment Act, including the Emergency Unemployment Compensation program, 100 percent Federal funding for the Extended Benefits program, and the extra \$25 weekly UI benefit through February 28, 2010.

Section 1010 extends the 65 percent COBRA health insurance subsidy from nine to 15 months for individuals who have lost their jobs. The job lost eligibility date is extended in the provision through February 28, 2010.

Section 1011 delays a scheduled 21.2 percent reduction in Medicare's 2010 physician payments through February 28, 2010.

Section 1012 includes a provision to freeze the Department of Health and Human Services poverty guidelines at 2009 levels in order to prevent a reduction in eligibility for certain means-tested programs, including Medicaid, Supplemental Nutrition Assistance Program (SNAP), and child nutrition, through March 1, 2010.

Section 1013 rescinds funds from the digital television conversion coupon program.

Section 1014 provides that explanatory statement submitted by the Chairman of the Defense Subcommittee shall have the same effect as a joint explanatory statement.

DISCLOSURE OF CONGRESSIONAL EARMARKS AND  
CONGRESSIONALLY DIRECTED SPENDING ITEMS

Following is a list of congressional earmarks and congressionally directed spending items (as defined in clause 9 of rule XXI of the Rules of the House of Representatives and rule XLIV of the Standing Rules of the Senate, respectively) included in the amended bill or the explanatory statement, along with the name of each Senator, House Member, Delegate, or Resident Commissioner who submitted a request to the Committee of jurisdiction for each item so identified. Neither the amended bill nor the explanatory statement contains any limited tax benefits or limited tariff benefits as defined in the applicable House or Senate rules.

**DEFENSE**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
AP,A	Air Filtration Systems for National Guard Helicopters	\$800,000	Akin	Bond
AP,A	Air Warrior Ensemble Generation III	\$3,000,000		Warner; Webb
AP,A	Army National Guard UH-60 Rewiring Program	\$8,000,000	Granger	
AP,A	Automatic Identification Technology Life Cycle Asset Management	\$1,200,000		Shelby
AP,A	CH-47 Helicopter Forward and Aft Hook Project	\$2,400,000	Baird	
AP,A	CH-47F Common Avionics Architecture System-Pilot Vehicle Interface	\$2,720,000	Hinchey; Latham; McHugh	Grassley; Sessions
AP,A	Civil Support Communications Systems for Kentucky Army National Guard UH-60 Aircraft	\$1,600,000	Rogers (KY)	Bunning
AP,A	Forward Looking Infrared Sensors for UH-60 Medevac Helicopters for the Minnesota National Guard	\$800,000	Oberstar	Klobuchar
AP,A	Internal Auxiliary Fuel Tank System	\$2,400,000	Franks (AZ); Bishop (UT); Pastor (AZ)	Bennett; Hatch; Leahy
AP,A	Recoil UH-60 Wild Land Fire-Fighting Tank System	\$3,200,000		Merkley; Wyden
AP,A	UH-72A Integrated Vehicle Management System	\$1,600,000		Johnson; Leahy
AP,A	Vibration Management Enhancement Program	\$3,000,000	Clyburn; Wilson (SC)	
AP,AF	ARC 210 Radios for ANG F-16s	\$1,600,000		Brownback; Harkin; Hatch; Merkley; Nelson (FL); Wyden
AP,AF	C-130 Active Noise Cancellation System	\$2,400,000	Tiahrt	Brownback; Roberts
AP,AF	Civil Air Patrol	\$4,000,000	Tiahrt	Roberts

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
AP,AF	Large Aircraft Podded Infrared Countermeasures Systems for Air Force Reserve KC-135	\$1,200,000	Bean	
AP,AF	LITENING 4th Generation Kit Upgrades	\$2,000,000	Boozman; Herseth Sandlin	Johnson; Landrieu; Thune
AP,AF	Miniature Air-Launched Decoy	\$1,600,000		Warner; Webb
AP,AF	Scathe View Hyper-Spectral Imagery Upgrade for Nevada ANG	\$3,600,000	Titus; Berkley; Heller	Reid
AP,AF	Senior Scout, Electro-Optical Infrared Capability	\$4,800,000	Bishop (UT)	Bennett; Hatch
AP,AF	Senior Scout, Line of Sight Datalink	\$2,400,000	Bishop (UT)	Bennett; Hatch
AP,AF	Senior Scout, Remote Operations Capability	\$2,400,000	Bishop (UT)	Bennett; Hatch
AP,AF	Support Equipment for Time Critical Targeting, Senior Scout	\$3,000,000		Bennett; Crapo; Risch
AP,N	Advanced Skills Management Command Portal—Fleet Readiness Centers	\$2,000,000	Dicks	Cantwell
AP,N	AN/AAR-47D(V)X Missile Warning System	\$4,000,000	Young (FL)	Nelson (FL)
AP,N	Crane Integrated Defensive Electronic Countermeasures Depot Capability	\$1,600,000	Ellsworth	Lugar
AP,N	Direct Squadron Support Readiness Training Program	\$3,200,000		Byrd
AP,N	Multi-Mission Helicopter Avionics System Test Bed	\$1,500,000	Hoyer	
AP,N	UC-12 Replacement Aircraft	\$1,960,000		Brownback
AP,N	Universal Avionics Recorder Wireless Flight Download Data	\$800,000	Harman	
DHP	AFIP/Joint Pathology Center Records Digitization and Repository Modernization	\$12,000,000		Byrd

DHP	Composite Operational Health and Occupational Risk Tracking System	\$2,400,000	Tiaht	Brownback
DHP	Enhanced Medical Situational Awareness	\$1,920,000		Kohl
DHP	Epidemiologic Health Survey	\$720,000	Loebsack	Grassley; Harkin
DHP	Fort Drum Regional Health Planning Organization	\$430,000	McHugh	Schumer
DHP	Hawaii Federal Health Care Network	\$23,000,000		Inouye
DHP	Lung Injury Management	\$1,160,000		Corker
DHP	Madigan Army Medical Center Trauma Assistance	\$2,500,000	Dicks; Smith (WA)	Cantwell; Murray
DHP	Military Physician Combat Medical Training	\$1,000,000	Brown, Corrine (FL)	Nelson (FL)
DHP	Patient Care Improvement Project at Keesler Medical Center	\$3,280,000		Cochran
DHP	Regional Telepathology Initiative at Keesler AFB	\$1,680,000		Cochran
DHP	Security Solutions from Life in Extreme Environments Center	\$800,000	Cummings	Crapo; Risch
DHP	Shock Trauma Center Operating Suites	\$2,400,000	Ruppersberger; Cummings	
DHP	Web-Based Teaching Programs for Military Social Work	\$3,200,000	Roybal-Allard	Boxer
DHP	Wide Area Virtual Environment Simulation for Medical Readiness Training	\$2,400,000	Van Hollen	
DPA	Advanced Carbon Nanotube Volume Production Facility	\$2,400,000	Hodes	Gregg; Shaheen
DPA	Aluminum Oxy-Nitride and Spinel Optical Ceramics	\$2,400,000	Bono Mack; Higgins; Tierney	Schumer
DPA	Armor and Structures Transformation Initiative-Steel to Titanium	\$8,100,000	Murtha	
DPA	Automated Composite Technologies and Manufacturing Center	\$9,600,000	Bishop (UT)	Bennett; Hatch
DPA	Bio-synthetic Paraffinic Kerosene Production	\$4,000,000		Burris
DPA	Conductive Composites Nano-Materials Scale-Up Initiative	\$2,800,000		Bennett; Hatch

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
DPA	Extremely Large, Domestic Expendable and Reusable Structures Manufacturing Center	\$7,840,000	Aderholt; Griffith	Cochran; Shelby; Wicker
DPA	Flexible Aerogel Materials Supplier Initiative	\$2,400,000	Kennedy	Reed; Whitehouse
DPA	Goodrich Terahertz Spectrometer	\$4,000,000		Dodd; Lieberman
DPA	High Homogeneity Optical Glass	\$3,200,000		Casey; Specter
DPA	High Performance Thermal Battery Infrastructure Project	\$3,000,000	Young (FL)	
DPA	Inventory for Defense Applications to Ensure Reliability of Short Lead Times	\$10,000,000	Murtha	
DPA	Lightweight Small Caliber Ammunition Production Initiative	\$3,760,000	Taylor	Cochran; Wicker
DPA	Low Cost Military Global Positioning System (GPS) Receiver	\$3,200,000	Loeb sack; Latham	Grassley; Harkin
DPA	Metal Injection Molding Technological Improvements	\$800,000	Pascrell	
DPA	Military Lens System Fabrication and Assembly	\$3,200,000	Murtha	
DPA	Navy Production Capacity Improvement Project	\$3,200,000	Dent	Casey; Specter
DPA	Production of Miniature Compressors for Electronics and Personal Cooling	\$3,600,000	Rogers (KY)	
DPA	Radiation Hardened Cryogenic Read Out Integrated Circuits	\$1,600,000	Simpson	
DPA	Titanium Metal Matrix Composite and Nano-Enhanced Titanium Development	\$6,400,000		Byrd
DRUGS	Alaska National Guard Counter-Drug Program	\$2,400,000		Begich
DRUGS	Delaware National Guard Counter-Drug Task Force	\$300,000	Castle	Carper; Kaufman

DRUGS	Florida Counter-Drug Program	\$2,900,000	Putnam; Brown, Corrine (FL); Young (FL)	Nelson (FL)
DRUGS	Hawaii National Guard Counter-Drug Program	\$3,000,000		Inouye
DRUGS	HERON Maritime UAS for SOUTHCOM	\$9,340,000	Childers	Cochran; Wicker
DRUGS	Indiana National Guard Counter-Drug Program	\$2,400,000	Visclosky	
DRUGS	Kentucky National Guard Counter-Drug Program	\$3,600,000	Rogers (KY)	McConnell
DRUGS	Midwest Counter-Drug Training Center	\$6,000,000		Grassley; Harkin
DRUGS	Minnesota National Guard Counter-Drug Program	\$1,600,000	Oberstar	Klobuchar
DRUGS	Montana National Guard Counter-Drug Task Force	\$800,000		Tester
DRUGS	Nevada National Guard Counter-Drug Program	\$4,000,000	Titus; Berkley	Reid
DRUGS	New Mexico National Guard Counter-Drug Program	\$4,800,000	Teague	Bingaman; Udall (NM)
DRUGS	North Carolina Counter-Drug Task Force	\$800,000	Jones (NC); Butterfield; Shuler	Hagan
DRUGS	Northeast Counter-Drug Training Center	\$4,500,000		Casey; Specter
DRUGS	Regional Counter-Drug Training Academy—Meridian	\$2,800,000	Harper	Cochran
DRUGS	Tennessee National Guard Appalachia High Intensity Drug Trafficking Area	\$4,000,000	Tanner; Davis (TN)	Alexander; Corker
DRUGS	West Virginia Counter-Drug Program	\$800,000		Byrd
DRUGS	Western Region Counter-Drug Training Center	\$2,500,000	Dicks; Baird; Larsen (WA); McDermott; Smith (WA)	Cantwell; Murray
GP	Alaska Territorial Guard			Begich; Murkowski
GP	Arrest Deterioration of Ford Island Aviation Control Tower, Pearl Harbor, HI	\$3,840,000	Abercrombie	
GP	Center for Military Recruitment, Assessment and Employment	\$3,000,000	Roskam	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
GP	Edward M. Kennedy Institute for the Senate	\$18,900,000	Markey (MA)	Inouye; Kerry; Kirk
GP	Joint Venture Education Program	\$5,500,000		Inouye
GP	Marshall Legacy Institute	\$500,000	Murtha	
GP	National World War II Museum	\$20,000,000	Cao	Landrieu; Vitter
GP	New Jersey Technology Center	\$3,000,000	Holt; Pallone	Lautenberg; Menendez
GP	Our Military Kids	\$800,000	Connolly; Kennedy; Kilroy; Moran (VA); Ortiz	
GP	Paralympics Military Program	\$5,000,000	Kennedy; Langevin	Reed
GP	Riverside General Hospital, Houston, TX	\$1,000,000	Jackson-Lee (TX)	
GP	SOAR Virtual School District	\$6,000,000	Braley	Grassley; Harkin
GP	The Presidio Heritage Center	\$5,000,000	Pelosi	
GP	Training Range Upgrades			Murkowski
GP	U.S.S. Missouri Memorial Association	\$5,000,000		Inouye
GP	Vietnam Veterans Memorial Fund for De-mining Activities	\$1,000,000	Murtha	
GP	Women In Military Service for America Memorial	\$1,600,000	Richardson; Bordallo; Granger; Schakowsky	
ICMA	Language Mentorship Program incorporating an electronic portfolio	\$800,000	Boswell	

MILPERS, ANG	Joint Interagency Training and Education Center	\$1,000,000		Byrd
MILPERS, ARNG	Joint Interagency Training and Education Center	\$3,250,000		Byrd
MILPERS, ARNG	WMD Civil Support Team for Florida	\$1,200,000	Young (FL)	
MILPERS, ARNG	WMD Civil Support Team for New York	\$200,000	McMahon; Hall (NY); Hinchey	Gillibrand
OM,A	Air Battle Captain ROTC Helicopter Training	\$1,760,000	Pomeroy	Conrad; Dorgan
OM,A	Air-Supported Temper Tent	\$3,000,000	Rogers (KY)	
OM,A	Americans with Disabilities Act Compliance for the Historical Fort Hamilton Community Club	\$1,440,000	McMahon	Schumer
OM,A	Anti-Corrosion Nanotechnology Solutions for Logistics	\$800,000	Rahall	
OM,A	Army Command and General Staff College Leadership Training Program	\$2,000,000	Jenkins	Brownback; Roberts
OM,A	Army Conservation and Ecosystem Management	\$4,000,000		Inouye
OM,A	Army Force Generation Synchronization Tool	\$800,000	Dent; Bishop (UT); Dingell	Bennett; Casey; Levin; Specter; Stabenow
OM,A	Biometrics Operations Directorate Transition	\$1,600,000		Byrd
OM,A	Common Logistics Operating System	\$1,600,000	Bishop (GA)	
OM,A	Critical Language Instruction for Military Personnel, Education, Training and Distance Learning	\$2,400,000	Putnam	
OM,A	Defense—Fire Alarm /Detection System Installation for the Historical Fort Hamilton Community Club	\$400,000	McMahon	Schumer
OM,A	Defense Job Creation and Supply Chain Initiative	\$2,400,000	Posey; Brown, Corrine (FL)	
OM,A	Defense—Sprinkler System Installation for the Historical Fort Hamilton Community Club	\$960,000	McMahon	Schumer

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
OM,A	Desert Locust Laser Protective Lens	\$2,400,000		Leahy
OM,A	Diversity Recruitment for West Point Military Academy	\$800,000	Hall (NY)	Schumer
OM,A	Fort Benning National Incident Management System Compliant Installation Operations Center	\$4,000,000	Bishop (GA); Rogers (AL)	Chambliss
OM,A	Fort Bliss Data Center	\$1,360,000	Reyes	
OM,A	Fort Hood Training Lands Restoration and Maintenance	\$2,000,000	Carter; Edwards (TX)	
OM,A	Genocide Prevention Course through Combined Arms Center	\$1,280,000	Israel	Schumer
OM,A	Ground Combat System Knowledge Center and Technical Inspection Data Capture	\$1,000,000	Moran (VA)	
OM,A	Initiative to Increase Minority Participation In Defense	\$6,400,000	Fattah	
OM,A	IT and Information Management Upgrades, Fort Greely, AK	\$300,000		Murkowski
OM,A	Lightweight Tactical Utility Vehicles	\$3,600,000	Petri; Kissell	
OM,A	Logistics Interoperability	\$1,200,000	Rahall	
OM,A	Modular Command Post Tent	\$4,800,000	Rogers (KY)	
OM,A	Net-Centric Decision Support Environment Sense and Respond Logistics	\$2,000,000	Bishop (GA)	
OM,A	Online Technology Training Program at Joint Base Lewis-McChord	\$1,600,000	Dicks	
OM,A	Operational/Technical Training Validation for Joint Maneuver Forces at Fort Bliss	\$800,000	Reyes	
OM,A	Post Security Enhancements, Fort Greely, AK	\$800,000		Murkowski

OM,A	Repair Heating, Ventilation, Air Conditioning System in National Simulations Center	\$1,428,000	Jenkins	
OM,A	Rock Island Arsenal Building 299 Roof Replacement	\$5,800,000	Braley	Grassley; Harkin
OM,A	ROTC and Reserve Component Strategic Language Hub Pilot	\$1,200,000	Deal, Marshall	
OM,A	Rule of Law	\$500,000		Graham
OM,A	Transformation of ISO Containers to Smart Containers	\$3,300,000		Burr
OM,A	TRANSIM Driver Training	\$3,500,000	Kingston; Bishop (UT); Matheson	
OM,A	UH-60 Leak Proof Drip Pans	\$2,500,000	Rogers (KY)	
OM,A	US Army ROTC Emergency Facility Renovation	\$935,000	Posey	
OM,AF	Advanced Autonomous Robotic Inspections for Aging Aircraft	\$800,000	Cole; Fallin	
OM,AF	Air Education and Training Command Range Improvements at the Barry M. Goldwater Range	\$1,200,000	Giffords; Franks (AZ); Grijalva; Pastor (AZ)	
OM,AF	Air Force Academy Space and Defense Studies Research and Curriculum Development	\$300,000		Bennet; Udall (CO)
OM,AF	Alaska Joint Command and Control Infrastructure and Physical Security	\$1,560,000		Murkowski
OM,AF	Defense Critical Languages and Cultures Initiative	\$3,000,000	Conaway	Cornyn; Hutchison
OM,AF	Demonstration Project for Contractors Employing Persons with Disabilities	\$3,200,000	Tiahrt	Brownback
OM,AF	Diversity Recruitment for Air Force Academy	\$550,000	Becerra	
OM,AF	Expert Knowledge Transformation Project	\$1,600,000	Gonzalez	
OM,AF	Joint Aircrew Combined System Tester (JCAST)	\$1,600,000	Biggert	
OM,AF	Joint Pacific Alaska Range Complex (JPARC) Enhancements	\$6,900,000		Murkowski
OM,AF	MacDill Air Force Base Online Technology Program	\$800,000	Castor (FL)	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
OM,AF	Military Medical Training and Disaster Response Program	\$1,600,000	Mitchell	
OM,AF	Minority Aviation Training Program	\$1,000,000	Meek (FL)	
OM,AF	Mission Essential Airfield Operations Equipment	\$931,000		Reid
OM,AF	National Center for Integrated Civilian-Military Domestic Disaster Medical Response	\$3,200,000	DeLauro	Dodd; Lieberman
OM,AF	USAF Engine Trailer Life Extension Program	\$2,400,000		Reid
OM,AF	Wage Issue Modification for USFORAZORES Portuguese National Employees	\$240,000	Frank (MA)	
OM,AF	Warner Robins Air Logistics Center Strategic Airlift Aircraft Availability Improvement	\$3,200,000	Kingston; Marshall	Isakson
OM,ANG	190th Air Refueling Wing Squadron Operations Facility	\$6,600,000	Jenkins	Brownback
OM,ANG	Controlled Humidity Protection for McEntire Joint National Guard Base (SCANG Facilities)	\$2,160,000	Wilson (SC)	Graham
OM,ANG	Critical Infrastructure Interdependencies Vulnerabilities Assessment (CIIVA) Program	\$2,000,000		Murray
OM,ANG	Facility Renovations and Retrofit, 168th Air Refueling Wing	\$1,300,000		Murkowski
OM,ANG	Force Protection and Training Equipment	\$465,000	Graves	
OM,ANG	Joint Interagency Training and Education Center	\$150,000		Byrd
OM,ANG	Joint Interoperability Coordinated Operations and Training Exercise	\$515,000	Kingston	
OM,ANG	Smoky Hill Range Access Road Improvements	\$800,000	Moran (KS)	Brownback
OM,AR	Nevada National Guard Joint Operations Center	\$800,000	Heller	Reid

OM,ARNG	Advanced Law Enforcement Rapid Response Training	\$800,000	Doggett	
OM,ARNG	Advanced Trauma Training Course for the Illinois National Guard	\$2,000,000	Davis (IL); Jackson (IL)	Burris
OM,ARNG	Army National Guard M939A2 Repower Program	\$4,000,000	Carter	
OM,ARNG	Army National Guard Unit History Records	\$4,000,000		Bennett
OM,ARNG	ARNG Battery Modernization Program	\$1,600,000		Bond
OM,ARNG	Camp Ethan Allen Training Site Road Equipment	\$300,000	Welch	Leahy; Sanders
OM,ARNG	CID Equipment	\$449,000	Cuellar	
OM,ARNG	Colorado National Guard Reintegration Program	\$1,000,000		Bennet; Udall (CO)
OM,ARNG	Florida Army National Guard Future Soldier Trainer	\$2,400,000	Meek (FL)	
OM,ARNG	Full Cycle Deployment Support Pilot Program	\$3,200,000	Hodes; Shea-Porter	Gregg; Shaheen
OM,ARNG	High-Mobility Multipurpose Wheeled Vehicle Repair	\$20,000,000		Collins; Snowe
OM,ARNG	Joint Command Vehicle and Supporting C3 System	\$1,800,000	Shea-Porter; Hodes	
OM,ARNG	Joint Interagency Training and Education Center	\$5,600,000		Byrd
OM,ARNG	Marksmanship Skills Trainer	\$2,000,000	Conaway; Ortiz	Cornyn
OM,ARNG	Minnesota National Guard Beyond the Yellow Ribbon Reintegration Program	\$2,000,000	Walz; Ellison; Oberstar; Paulsen; Peterson	Klobuchar
OM,ARNG	Multi-Jurisdictional Counter-Drug Task Force Training	\$2,800,000	Young (FL)	
OM,ARNG	National Guard and First Responder Resiliency Training	\$1,500,000		Brownback
OM,ARNG	National Guard Civil Support Team / CBRNE Enhanced Response Force Package	\$1,200,000	Dicks; Hastings (WA)	
OM,ARNG	North Carolina National Guard Family Assistance Centers	\$1,280,000	Butterfield; Etheridge; McIntyre; Miller (NC); Price (NC); Shuler; Watt	Burr; Hagan

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
OM,ARNG	Oregon National Guard Reintegration Program	\$960,000	Schrader	Merkley; Wyden
OM,ARNG	Re-establishing Ties: The Road from Warrior to the Community	\$3,000,000	Adler; Smith (NJ)	Lautenberg; Menendez
OM,ARNG	Regional Geospatial Service Centers	\$2,000,000	Gohmert	Hutchison
OM,ARNG	Repair of Military Asset Storage Facilities	\$2,300,000		Byrd
OM,ARNG	Supplemental Child Care Support for Families of Deployed Vermont Reserve Component	\$1,600,000		Sanders
OM,ARNG	Tools for Maintenance Conversion	\$1,600,000		Burris
OM,ARNG	Training Aid Suite for Vermont NG Training Sites	\$1,046,400	Welch	Sanders
OM,ARNG	UH-60 Leak Proof Drip Pans	\$2,000,000	Rogers (KY)	
OM,ARNG	Vermont Army National Guard Security Upgrades	\$744,000	Welch	Leahy; Sanders
OM,ARNG	Vermont National Guard Family Assistance Centers	\$500,000		Sanders
OM,ARNG	Vermont Service Member, Veteran, and Family Member Outreach, Readiness, and Reintegration Program	\$2,400,000		Leahy; Sanders
OM,ARNG	WMD Civil Support Team for Florida	\$2,000,000	Young (FL)	
OM,ARNG	WMD Civil Support Team for New York	\$500,000	McMahon; Hinchey	Schumer
OM,ARNG	WMD Multi-Sensor Response and Infrastructure Project System	\$1,600,000	Fallin	
OM,DW	Almaden AFS Environmental Assessment and Remediation	\$3,200,000	Honda; Lofgren	Boxer; Feinstein
OM,DW	Armed Forces Health and Food Supply Research	\$800,000		Roberts

OM,DW	Castner Range Conservation Conveyance Study	\$300,000	Reyes	
OM,DW	Centerville Naval Housing Transfer	\$4,800,000	Thompson (CA)	
OM,DW	Counter Threat Finance—Global	\$1,600,000	Ryan (OH)	
OM,DW	Critical Language Training	\$1,600,000	Davis (CA)	
OM,DW	Defense-Critical Languages and Cultures Program	\$2,000,000	Rehberg	Baucus; Tester
OM,DW	Drydock #1 Remediation and Disposal	\$3,000,000	Pelosi	
OM,DW	Eliminate Public Safety Hazards	\$1,072,000	Slaughter	Schumer
OM,DW	George AFB (New and Existing Infrastructure Improvements)	\$1,000,000	McKeon	
OM,DW	Hunters Point Naval Shipyard Remediation	\$9,000,000	Pelosi	
OM,DW	McClellan AFB Infrastructure Improvements	\$800,000	Matsui	Boxer
OM,DW	Middle East Regional Security Program	\$2,400,000	Berman	
OM,DW	Military Intelligence Service Historic Learning Center	\$1,000,000	Pelosi	
OM,DW	MS GIS Educational and Research Program	\$1,000,000	Lewis (CA)	
OM,DW	Naval Station Ingleside Redevelopment	\$1,000,000	Ortiz	Hutchison
OM,DW	Norton AFB (New and Existing Infrastructure Improvements)	\$4,800,000	Lewis (CA)	
OM,DW	NSW Protective Combat Uniform	\$2,500,000	Granger	
OM,DW	Phase I of Berth N-2 Reconstruction of MOTBY Ship Repair Facility	\$3,600,000	Sires	Lautenberg; Menendez
OM,DW	Remediation of Jet Fuel Contamination at Floyd Bennett Field	\$2,400,000	Weiner	Schumer
OM,DW	Soldier Center at Patriot Park, Ft. Benning	\$4,000,000	Bishop (GA)	
OM,DW	Special Operations Forces Modular Glove System	\$4,780,000	Kratovil; Baird; Castle; McDermott	Carper; Kaufman; Mikulski; Murray; Reed

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
OM,DW	Strategic Language Initiative	\$2,880,000	Richardson; Royce; Watson	Boxer
OM,DW	Thorium / Magnesium Excavation—Blue Island	\$1,600,000	Jackson (IL)	
OM,DW	Translation and Interpretation Skills for DoD	\$1,600,000	Farr	
OM,MC	Family of Shelters and Tents	\$1,600,000		Warner; Webb
OM,MC	Flame Resistant High Performance Apparel	\$1,200,000	Kissell	Burr; Hagan
OM,MC	Hemostatic Combat Gauze	\$800,000	DeLauro	Dodd; Lieberman
OM,MC	MGPTS Type III or Rapid Deployable Shelter	\$2,400,000	Hinchey	Schumer
OM,MC	Rapid Data Management System	\$2,500,000		Gregg
OM,MC	Spray Technique Analysis and Research for Defense (STAR4D)	\$2,200,000	Bralley	Grassley; Harkin
OM,MC	Ultra Lightweight Camouflage Net System (ULCANS)	\$2,800,000	Etheridge; Coble	Burr; Hagan
OM,N	ATIS Maintenance and Enhancement Program	\$800,000	Rahall	
OM,N	Brown Tree Snake Program	\$500,000	Bordallo	
OM,N	Center for Defense Technology and Education for the Military Services (CDTEMS)	\$5,600,000	Farr	
OM,N	Continuing Education—Distance Learning at Military Installations	\$1,600,000	Brown-Waite, Ginny (FL)	
OM,N	Digitization, Integration, and Analyst Access of Investigative Files, Naval Criminal Investigative Services	\$4,000,000		Byrd
OM,N	Diversity Recruitment for Naval Academy	\$800,000	Becerra	

OM,N	Energy Education and Training for Military Personnel	\$500,000	Pomeroy	Conrad; Dorgan
OM,N	Enhanced Navy Shore Readiness Integration	\$4,000,000	Dicks	
OM,N	Fleet Readiness Data Assessment	\$1,920,000	Calvert	
OM,N	Institute for Threat Reduction and Response—Simulated and Virtual Training Environments	\$960,000	Brown, Corrine (FL)	
OM,N	Mk 45 Mod 5 Gun Depot Overhauls	\$12,000,000		McConnell
OM,N	Naval Strike Air Warfare Center OEF/OIF training (Terminal Attack Control)	\$800,000		Reid
OM,N	Navy Ship Disposal—Carrier Demonstration Project	\$2,400,000	Ortiz	
OM,N	Puget Sound Naval Maintenance and Repair Process Improvements	\$1,680,000	Dicks	Cantwell
OM,N	Puget Sound Navy Museum	\$600,000	Dicks	
OM,NR	Developing and Testing Environmentally Safe Decontaminating Agents for Bio-defense, Biomedical, and Environmental Use	\$1,200,000	Diaz-Balart, Mario (FL)	
OP,A	Call for Fire Trainer II/ Joint Fires and Effects Trainer System	\$5,000,000	Cole	Inhofe
OP,A	Combat Casualty Care Upgrade Program	\$2,400,000	Barrett	Graham
OP,A	Combat Skills Marksmanship Trainer	\$4,000,000	Kingston; Gingrey (GA)	Chambliss; Isakson
OP,A	Combined Arms Virtual Trainers for the New Mexico National Guard	\$400,000	Luján	
OP,A	Combined Arms Virtual Trainers for the Tennessee National Guard	\$5,000,000	Davis (TN); Wamp; Duncan	Alexander
OP,A	Communications Aerial Platforms for Increased Situational Awareness for the Minnesota National Guard	\$1,888,000	Paulsen; Oberstar; Walz	Klobuchar
OP,A	Expandable Light Air Mobility Shelters (ELAMS) and Contingency Response Communications System (CRCS)—Illinois National Guard (ILNG)	\$1,600,000		Levin; Stabenow
OP,A	FIDO Explosives Detector	\$3,000,000	Fallin	Inhofe
OP,A	Fifth-Wheel Towing Devices for the Puerto Rico Army National Guard	\$560,000	Pierluisi	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
OP,A	Fort Bragg Range 74 Combined Arms' Collective Training Facility	\$800,000	Kissell	Hagan
OP,A	HMMWV Egress Assistance Trainer for the Tennessee National Guard	\$160,000		Corker
OP,A	Immersive Group Simulation Virtual Training System for the Hawaii National Guard	\$2,300,000	Abercrombie	Akaka
OP,A	Individual Gunnery; Tank Gunnery; and Tabletop Full-Fidelity Trainers for the New Mexico National Guard	\$1,600,000	Luján	
OP,A	Kentucky National Guard Emergency Response Generator Stockpile	\$4,800,000	Rogers (KY)	
OP,A	Laser Marksmanship Training System	\$2,000,000	Kennedy	Reed
OP,A	Life Support for Trauma and Transport	\$800,000	Sanchez, Loretta (CA); Reyes	
OP,A	Machine Gun Training System for the Pennsylvania National Guard	\$2,400,000	Holden	
OP,A	Magneto Inductive Remote Activation Munitions System (MI-RAMS) M156/M39 Kits and M40 Receivers	\$7,200,000	Lewis (CA)	
OP,A	Mine Resistant Ambush Protected Vehicle Virtual Trainers for the Illinois National Guard	\$6,400,000	Hare	Durbin
OP,A	Mine Resistant Ambush Protected Vehicle Virtual Trainers for the Tennessee National Guard	\$5,000,000	Davis (TN); Duncan; Tanner	Alexander; Corker
OP,A	Mobile Defensive Fighting Position	\$1,600,000	Maffei	Schumer
OP,A	Mobile Firing Range for the Texas National Guard	\$1,500,000	Conaway; Granger	
OP,A	Multi-Temperature Refrigerated Container System	\$2,800,000	Davis (KY)	
OP,A	Muscatatuck Urban Training Center Instrumentation for the National Guard	\$2,000,000	Ellsworth	Lugar
OP,A	Phoenix Quad-Band Satellite Receiver for the Delaware National Guard	\$3,200,000		Carper; Kaufman

OP,A	Radio Personality Modules for SINGARS Test Sets	\$3,000,000	Tiaht	Brownback
OP,A	Red River Army Depot Modernization	\$1,600,000		Bond
OP,A	Regional Emergency Response Network Emergency Cell Phone Capability	\$4,000,000	Hastings (FL); Stearns; Brown, Corrine (FL); Young (FL)	Nelson (FL)
OP,A	Reinforcement HMMWV Repair Hood Kits	\$800,000		Merkley; Wyden
OP,A	Tactical Operations Center for the Washington National Guard	\$1,840,000	Reichert, Baird, McDermott	Cantwell; Murray
OP,A	Tactical/Crew Served Weapon Illumination Systems	\$2,400,000		Ensign; Reid
OP,A	Ultra Light Utility Vehicles for the National Guard	\$4,480,000	Obey	Harkin; Klobuchar
OP,A	US Army Operator Driving Simulator for the Tennessee National Guard	\$280,000		Corker; Levin
OP,A	Virtual Convoy Operations Trainer for the New Mexico National Guard	\$1,200,000	Lujan	
OP,A	Virtual Convoy Operations Trainers for the Illinois National Guard	\$2,400,000	Hare	Durbin
OP,A	Virtual Interactive Combat Environment for the New Jersey National Guard	\$3,500,000	Rothman	Lautenberg; Menendez
OP,A	Virtual Interactive Combat Environment Training System for the Virginia National Guard	\$2,000,000	Connolly; Moran (VA)	Warner; Webb
OP,AF	Air National Guard Joint Threat Emitter—Savannah Combat Readiness Training Centers	\$800,000	Lee (NY)	Schumer
OP,AF	Aircrew Body Armor and Load Carriage Vest System	\$2,400,000	Akin	Bond
OP,AF	Eagle Vision for the Hawaii Air National Guard	\$2,400,000		Inouye
OP,AF	Eagle Vision III	\$4,800,000	Bilbray; Davis (CA)	
OP,AF	Eagle Vision Program	\$1,500,000	Clyburn; Wilson (SC)	
OP,AF	Joint Pacific Alaska Range Complex (JPARC) Enhancements	\$12,680,000		Murkowski
OP,AF	Joint Threat Emitters	\$4,000,000	Kingston	
OP,AF	Mission Essential Airfield Operations Equipment	\$916,000		Reid

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
OP,AF	Mission Essential Airfield Operations Equipment	\$1,139,000		Reid
OP,AF	One AF/One Network Infrastructure	\$1,600,000	Olson; Rothman	
OP,AF	One AF/One Network Infrastructure for the Pennsylvania National Guard	\$1,600,000	Schwartz	
OP,AF	Unmanned Threat Emitters (UMTE) Modernization	\$2,400,000		Reid
OP,N	Adaptive Diagnostic Electronic Portable Testset	\$1,000,000	Young (FL)	Nelson (FL)
OP,N	Advanced Mission Extender Device Kits	\$1,600,000		Leahy
OP,N	AN/BLQ-10A(V) Wideband Signal Processor	\$3,000,000	Marshall	Chambliss
OP,N	AN/USQ-167 COMSEC Upgrade	\$800,000	Filner	
OP,N	Canned Lube Pumps LHD-1 Class	\$800,000	Kissell	Burr
OP,N	Deployable Joint Command and Control Shelter Upgrade Program	\$2,400,000	Salazar	Bingaman; Udall (NM)
OP,N	Dive Boats	\$2,000,000		Burr
OP,N	Enhanced Detection Adjunct Processor	\$3,200,000	Kaptur	Brown
OP,N	Force Protection Boats (Small)	\$2,000,000	Melancon	Landrieu; Vitter
OP,N	Fuel Oil Barge (YON)	\$4,200,000	Brown (SC)	Graham
OP,N	Hawaiian Range Complex	\$1,600,000		Inouye
OP,N	Hydroacoustic Low Frequency Source Generation Systems	\$1,600,000	Massa; Lee (NY)	Schumer

OP,N	Intelligraf Training and Maintenance Aid for Above Water Sensors	\$2,000,000		Murray
OP,N	LCS-1 Waterjet Spares	\$3,200,000	Lynch	Kerry; Kirk
OP,N	LSD-41 / 49 Diesel Engine Low Load Upgrade Kit	\$1,600,000	Baldwin	Kohl
OP,N	Multi-Climate Protection System	\$6,400,000	Rogers (MI); Hodes, Shea-Porter; Tsongas	Gregg; Kerry; Kirk; Levin; Shaheen; Stabenow
OP,N	Navy AIT Logistics Modernization	\$3,200,000	Kagen; Larsen (WA); Loeb sack	Grassley; Harkin; Murray; Reed; Whitehouse
OP,N	Pearl Harbor Navy Shipyard Equipment Modernization	\$4,200,000		Inouye
OP,N	Radar Product Support System	\$2,400,000		Dodd
OP,N	RAM Mark 49 Mod 3 Launcher Obsolescence / Affordability	\$1,000,000		McConnell
OP,N	Remote Monitoring and Troubleshooting Project	\$2,320,000	Aderholt	Sessions; Shelby
OP,N	Secure Remote Monitoring Systems	\$1,600,000	Moran (VA)	
OP,N	Smart Valve Automatic Fire Suppression System	\$2,480,000		Collins; Snowe
OP,N	SPAWAR Systems Center (SSC / ITC) New Orleans	\$6,000,000	Cao; Scalise	Landrieu; Vitter
OP,N	TB-33 Thinline Towed Array	\$4,000,000		Dodd; Lieberman; Reed; Whitehouse
P,DW	AN / PRC-148 MBITR / JTRS Enhanced MBITR	\$4,000,000		Mikulski
P,DW	Chemical and Biological Protective Shelter	\$5,000,000	Bartlett; Kratovil; Roppersberger	Mikulski
P,DW	Expansion of the Forensic Intelligence Technologies and Training Support Center of Excellence	\$1,600,000	Young (FL)	
P,DW	Fusion Goggle System	\$2,400,000		Gregg
P,DW	Intelligence Broadcast Receiver for AFSOC MC-130	\$800,000	Miller (FL)	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
P,DW	Light Mobility Vehicle—Internally Transportable Vehicle	\$1,600,000	Waters	
P,DW	M4 Weapons Shot Counter	\$3,400,000		McConnell
P,DW	Mission Helmet Recording System	\$5,200,000	Shea-Porter	Collins; Gregg; Snowe
P,DW	MK47 Mod 0 Advanced Lightweight Grenade Launcher	\$6,000,000	Michaud; Pingree (ME)	Collins; Snowe
P,DW	Overt Small Laser Marker	\$1,600,000		Gregg
P,DW	Reactive Skin Decontamination Lotion	\$4,480,000		Cochran
P,DW	Small Arms Training Ranges	\$2,000,000		Ensign; Reid
P,DW	SOPMOD II (M4 Carbine Rail System)	\$2,000,000	Kingston	
P,DW	SOVAS-Hand Held Imager / Long Range	\$4,000,000	Rehberg	Baucus; Kerry; Kirk; Tester
P,DW	Special Operations Craft—Riverine	\$5,000,000		Cochran; Wicker
P,DW	Special Operations Forces Combat Assault Rifle	\$2,000,000	Wilson (SC)	Graham
P,DW	Special Operations High Performance In-Line Sniper Scope	\$2,400,000	Tsongas	Kerry; Kirk
P,DW	Special Operations Live Rehearsal System	\$1,600,000		Nelson (FL)
P,MC	Marine Corps MK 1077 Flatracks	\$2,400,000	Aderholt	
P,MC	Microclimate Cooling Unit for M1 Abrams Tank	\$800,000	Lee (NY); Higgins	Schumer
P,MC	Nitrile Rubber Collapsible Fuel Bladders	\$3,100,000		Cochran

P,MC	On Board Vehicle Power Kits for USMC MTRV Trucks	\$9,000,000		Kohl
P,MC	Portable Armored Wall System	\$1,000,000	Adler; Bishop (UT)	
P,MC	Portable Military Radio Communications Test Set	\$1,200,000	Tiaht	Roberts
PA,A	40mm Tactical All Types Mortar Round	\$4,000,000		Alexander
PA,A	Ammunition Production Base Support (Scranton Army Ammunition Plant)	\$2,800,000	Kanjorski; Carney	Casey; Specter
PA,A	Blue Grass Army Depot Equipment	\$2,400,000	Chandler	
PA,A	Blue Grass Army Depot Supercritical Water Oxidation—Conventional Demil	\$3,920,000	Rogers (KY)	Bunning
PA,A	CTG, Arty, 155mm, Illum	\$7,200,000		Lincoln; Pryor
PA,A	CTG, Mortar, 120MM, Illum	\$4,200,000	Ross	Lincoln; Pryor
PA,A	M721 60mm Illuminating Mortar	\$1,600,000	Ross	Lincoln; Pryor
PA,A	M722 60mm White Phosphorus Smoke Mortar	\$1,600,000	Ross	Lincoln; Pryor
PA,A	Small Caliber Ammunition Production Modernization	\$4,000,000	Graves; Cleaver	
PA,AF	MCAAP Bomb Line Modernization	\$2,400,000	Boren	Inhofe
PANMC	Enhanced Laser Guided Training Round	\$3,600,000	Carney	
RDTE,A	Compact Airborne Mui-Mission Payload (CAMP)	\$1,600,000		Bond
RDTE,A	101st Airborne/ Air Assault Injury Prevention and Performance Enhancement Initiative	\$3,000,000		Corker; Specter
RDTE,A	30-kW Auxiliary Power Unit for Armored Combat Vehicles	\$1,600,000		Nelson (FL)
RDTE,A	3D Woven Preform Technology for Army Munitions Applications	\$1,600,000	Kennedy	Reed; Whitehouse
RDTE,A	4th Generation Wireless Exploitation	\$2,400,000	Hodes	Gregg
RDTE,A	5.56mm Aluminum Cartridge Case	\$1,600,000		Crapo; Risch

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Academic Support and Research Compliance for Knowledge Gathering	\$2,000,000		Roberts
RDTE,A	Accelerated Materials Development for Army Cannon Systems	\$2,400,000	Herseht Sandlin	Johnson
RDTE,A	Achieving Lightweight Casting Solutions	\$1,600,000	Schock	Burris
RDTE,A	Acid Alkaline Direct Methanol Fuel Cell	\$1,600,000	McIntyre	Hagan
RDTE,A	Acoustic Gun Detection System for Tracked Combat Vehicles	\$1,600,000	Capuano	Kerry; Kirk
RDTE,A	Adaptive Lightweight Materials Technology for Missile Defense	\$3,200,000	Rehberg	Baucus; Tester
RDTE,A	Adaptive Robotics Technology for Space, Air, and Missiles (ART-SAM)	\$3,360,000	Aderholt; Rogers (AL)	Sessions
RDTE,A	Advanced Affordable Turbine Engine Program	\$4,000,000	Larson (CT); Courtney; DeLauro; Pastor (AZ)	Dodd; Lieberman
RDTE,A	Advanced Battery Development Program	\$9,000,000		Levin
RDTE,A	Advanced Battery Materials and Manufacturing	\$4,000,000	Halvorson, Biggert	
RDTE,A	Advanced Bio-Engineering for Enhancement of Soldier Survivability	\$2,500,000	Johnson (GA); Bishop (GA); Gingrey (GA); Kingston; Lewis (GA); Scott (GA)	Chambliss; Isakson
RDTE,A	Advanced Bonded Diamond for Optical Applications	\$2,000,000	Kingston	Chambliss
RDTE,A	Advanced Cancer Genome Institute	\$2,000,000	Higgins; Lee (NY); Slaughter	Schumer
RDTE,A	Advanced Carbon Hybrid Battery for Hybrid Electric Vehicles	\$800,000	Bishop (GA)	Chambliss
RDTE,A	Advanced Cavitation Power Technology	\$3,840,000		Cochran

RDTE,A	Advanced Commercial Technology Insertion	\$3,100,000		Sessions; Shelby
RDTE,A	Advanced Communications for Mobile Networks	\$3,200,000	Mollohan	
RDTE,A	Advanced Composite Ammunition Magazine/Mount System	\$1,600,000	Obey	
RDTE,A	Advanced Composite Armor for Force Protection	\$1,600,000	Coble	
RDTE,A	Advanced Composite Materials Research for Land, Marine, and Air Vehicles	\$2,800,000	Rogers (MI)	Levin; Stabenow
RDTE,A	Advanced Composite Research for Vehicles	\$4,000,000	Kilpatrick	Levin
RDTE,A	Advanced Composites for Light Weight, Low Cost Transportation Systems using a 3+ Ring Extruder	\$2,400,000	Stupak	Levin
RDTE,A	Advanced Conductivity Program	\$1,000,000	Young (FL)	
RDTE,A	Advanced Corrosion Protection for Military Vehicles and Equipment	\$2,400,000		Kohl
RDTE,A	Advanced Demining Technology	\$4,720,000		Leahy
RDTE,A	Advanced Detection of Explosives	\$1,600,000	Young (FL)	
RDTE,A	Advanced Diagnostic and Therapeutic Digital Technologies	\$1,600,000	Capuano; Cummings; Watson	Kerry
RDTE,A	Advanced Digital Hydraulic Drive System	\$2,000,000	Upton	Grassley; Klobuchar; Levin; Stabenow
RDTE,A	Advanced Electronics Rosebud Integration	\$3,000,000	Herseth Sandlin	Johnson; Thune
RDTE,A	Advanced Environmental Control Systems	\$1,600,000		Reid
RDTE,A	Advanced Field Artillery Tactical Data System	\$3,600,000	Souder	
RDTE,A	Advanced Flexible Solar Photovoltaic Technologies	\$2,400,000	Obey	
RDTE,A	Advanced Fuel Cell Research Program	\$3,200,000	Poe	Cornyn; Hutchison
RDTE,A	Advanced Functional Nanomaterials for Biological Processes	\$2,400,000	Snyder	Lincoln; Pryor
RDTE,A	Advanced Ground EW and Signals Intelligence System	\$2,000,000	Larsen (WA); Smith (WA)	Murray

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Advanced Hybrid Chemistry for Portable Power	\$2,560,000		Brownback; Roberts
RDTE,A	Advanced Lightweight Gunner Protection Kit for Lightweight MRAP Vehicle	\$800,000	Altmire	
RDTE,A	Advanced Lightweight Multifunctional Multi-Threat Composite Armor Material Technology	\$2,400,000	Rangel	Schumer
RDTE,A	Advanced Lithium Ion Phosphate Battery System for Army Combat Hybrid HMMWV and Other Army Vehicle Platforms	\$2,400,000	Dingell	Levin; Stabenow
RDTE,A	Advanced Live, Virtual, and Constructive Training Systems	\$2,800,000	Latham	Grassley; Harkin
RDTE,A	Advanced Lower Limb Prostheses for Battlefield Amputees	\$3,200,000	Markey (MA); McGovern	Kerry; Kirk
RDTE,A	Advanced Materials and Process for Armament Structures (AMPAS)	\$3,200,000	Sutton	Brown
RDTE,A	Advanced Military Wound Healing Research and Treatment	\$800,000	Lee (NY)	Schumer
RDTE,A	Advanced Nanocomposite Materials for Lightweight Integrated Armor Systems	\$1,600,000	Ryan (OH)	
RDTE,A	Advanced Packaging Materials for Combat Rations	\$800,000	Gingrey (GA)	Chambliss; Isakson
RDTE,A	Advanced Polymer Systems for Defense Application—Power Generation, Protection and Sensing	\$2,400,000	Emerson	
RDTE,A	Advanced Power Generation Unit for Military Applications	\$650,000	Roskam	
RDTE,A	Advanced Power Source for Future Soldiers	\$1,200,000	Carson	Lugar
RDTE,A	Advanced Power Technologies for Nano-Satellites	\$1,600,000	Rogers (KY)	
RDTE,A	Advanced Radar Transceiver Integrated Circuit Development	\$800,000	Harman	
RDTE,A	Advanced Rarefaction Weapon Engineered System	\$3,200,000	Kaptur	

RDTE,A	Advanced Reactive Armor Systems	\$1,600,000	Hinchey	Schumer
RDTE,A	Advanced Regenerative Medicine Therapies for Combat Injuries	\$3,200,000	Doyle	Casey; Specter
RDTE,A	Advanced Robot and Sensor Technology for Surveillance and Energy Efficiency Applications	\$1,200,000	Herseth Sandlin	Johnson
RDTE,A	Advanced Soldier-Portable Power Systems Technologies	\$2,480,000	Childers	Cochran; Wicker
RDTE,A	Advanced Suspension System for Heavy Vehicles	\$2,160,000		Reid
RDTE,A	Advanced Tactical Fuels for the US Military	\$3,200,000	Pomeroy	Conrad; Dorgan
RDTE,A	Advanced Tactical Laser Flashlight	\$800,000	Kilpatrick	Levin; Stabenow
RDTE,A	Advanced Technology for Energy Storage	\$1,600,000	Visclosky	
RDTE,A	Advanced Technology, Energy Manufacturing Sciences	\$7,000,000	Frelinghuysen	
RDTE,A	Advanced Thermal Management System	\$2,400,000	Stupak	Levin; Stabenow
RDTE,A	Advanced UV Light Diode Development	\$800,000		Graham
RDTE,A	Advanced Wearable Power System Manufacturing	\$1,600,000		Tester
RDTE,A	Advanced Composite Nickel-Manganese-Cobalt and other Lithium Ion Battery Technologies using Nano Crystal Scission Process	\$2,400,000	Hinchey	Schumer
RDTE,A	Advancement of Bloodless Medicine	\$1,492,800	Rothman	Lautenberg; Menendez
RDTE,A	Affordable Light-Weight Metal Matrix Composite (MMC) Armor	\$2,500,000		Ensign; Reid
RDTE,A	Aging and Battle Damaged Weapon Systems Repair	\$1,200,000	Herseth Sandlin	Johnson; Thune
RDTE,A	Air Drop Mortar Guided Munition for the Tactical UAV	\$2,400,000	Hastings (WA)	
RDTE,A	Alginate Oligomers to Treat Infectious Microbial Biofilms	\$1,600,000	Kilroy	
RDTE,A	All Composite Bus Program	\$2,000,000	Kennedy	
RDTE,A	All Composite Lightweight Military Vehicle	\$1,600,000		Reed

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Alliance for Nanohealth	\$4,000,000	Culberson	
RDTE,A	ALS Therapy Development Institute—Gulf War Illness Research Project	\$1,600,000	Capuano; Brown (SC)	Kerry
RDTE,A	Alternative Power Technology for Missile Defense	\$3,200,000	Herseth Sandiin	Johnson; Thune
RDTE,A	Aluminum Armor Project	\$840,000	Capito	
RDTE,A	Amorphous Si Flexible Photovoltaics for Grid Parity	\$1,600,000		Levin
RDTE,A	AN/ALQ 211 Networked EW Controller	\$800,000	Pascrell	Lautenberg; Menendez
RDTE,A	Antennas for Unmanned Aerial Vehicles	\$1,000,000	Bonner	
RDTE,A	Antiballistic Windshield Armor	\$2,400,000		Lugar
RDTE,A	Anti-Microbial Bone Graft Product	\$1,600,000	Crenshaw; Stearns	Nelson (FL)
RDTE,A	Antioxidant Micronutrient Therapeutic Countermeasures	\$800,000	McCarthy (NY)	
RDTE,A	Anti-Tamper Research and Development	\$3,040,000	Alexander	Landrieu; Vitter
RDTE,A	Applied Communication and Information Networking	\$3,040,000	Andrews; LoBiondo	Lautenberg; Menendez
RDTE,A	ARL 3D Model-Based Inspection and Scanning	\$2,400,000	Ryan (OH)	
RDTE,A	ARL-ONAMI Center for Nanoarchitectures for Enhanced Performance	\$800,000		Merkley; Wyden
RDTE,A	Armament System Engineering and Integration Initiative	\$1,600,000	Frelinghuysen; Sires	
RDTE,A	Armaments Academy	\$3,000,000	Frelinghuysen	

RDTE,A	Army Asset Visibility Enhancement	\$800,000	Berkley	Reid
RDTE,A	Army Center of Excellence in Acoustics, National Center for Physical Acoustics	\$4,000,000	Childers	Cochran; Wicker
RDTE,A	Army Material Degradation	\$640,000		Conrad; Dorgan
RDTE,A	Army Portable Oxygen Concentration System	\$1,200,000	Moran (VA)	
RDTE,A	Army Range Technology Program (ARTP)	\$4,880,000		Cochran
RDTE,A	Army Responsive Tactical Space System Exerciser	\$3,000,000	Aderholt	Sessions; Shelby
RDTE,A	Army Vehicle Condition Based Maintenance	\$4,000,000	Murtha	
RDTE,A	Army/Joint STARS Surveillance and Control Data Link Technology Refresh	\$800,000	Davis (CA)	
RDTE,A	Asymmetric Threat Response and Analysis Project	\$2,000,000	Giffords	
RDTE,A	Atomized Magnesium Domestic Production Design and Development	\$1,600,000	Kaptur	
RDTE,A	Automated Communications Support Systems for WARFIGHTERS, Intelligence Community, Linguists, and Analysts	\$1,500,000		Chambliss; Isakson
RDTE,A	Automated Portable Field System for Rapid Detection and Diagnosis of Endemic Diseases and Other Pathogens	\$1,600,000	Massa	Schumer
RDTE,A	Automotive Technology Tactical Metal Fabrication System	\$2,500,000	Clyburn; Brown (SC)	
RDTE,A	Automotive Tribology Center	\$1,600,000	Peters	Levin; Stabenow
RDTE,A	Autonomous Cargo Acquisition for Rotorcraft Unmanned Aerial Vehicles	\$1,280,000	Aderholt	Shelby
RDTE,A	Autonomous Sustainment Cargo Container	\$1,200,000	Bartlett	
RDTE,A	Ballistic Armor Research	\$3,200,000	Dent	Specter
RDTE,A	Battlefield Exercise and Combat Related Spinal Cord Injury Research	\$2,400,000	Brown-Waite, Ginny (FL)	
RDTE,A	Battlefield Nursing	\$1,600,000	Cohen	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Battlefield Related Injury Translational Research Strategies	\$1,800,000	Castor (FL)	
RDTE,A	Battlefield Research Accelerating Virtual Environments for Military Individual Neuro Disorders (BRAVEMIND)	\$1,000,000	Harman	Boxer
RDTE,A	Beneficial Infrastructure for Rotorcraft Risk Reduction	\$800,000	Sestak	
RDTE,A	Bio Battery	\$800,000	Griffith	
RDTE,A	Bioactive Polymers and Coating Systems for Protection Against Bio-Threats	\$3,600,000	Pomeroy	Conrad; Dorgan
RDTE,A	Biological Air Filtering System Technology	\$3,000,000	Berry	Lincoln; Pryor
RDTE,A	Biometrics DNA Applications	\$1,500,000		Byrd
RDTE,A	Bio-Printing of Skin for Battlefield Burn Repairs	\$2,000,000	Johnson, Sam (TX)	Cornyn
RDTE,A	Biosecurity Research for Soldier Food Safety	\$1,600,000		Roberts
RDTE,A	Biosensor, Communicator and Controller System	\$3,500,000		Reid
RDTE,A	Bio-Surveillance in a Highly Mobile Population	\$1,600,000		Reid
RDTE,A	Biowaste-to-Bioenergy Center	\$2,000,000	Murphy (NY); Tonko	Gillibrand; Schumer
RDTE,A	Blood and Bone Marrow Collection Fellowship	\$2,000,000	Bishop (GA)	
RDTE,A	Blood Safety and Decontamination Technology	\$2,400,000	Gerlach; DeLauro; Fattah; Markey (MA); McDermott; Tonko	Chambliss; Feinstein; Schumer; Specter
RDTE,A	Blood, Medical and Food Safety via Eco-Friendly Wireless Sensing (Phase II)	\$1,600,000		Klobuchar
RDTE,A	Bradley Third Generation FLIR	\$4,500,000		Nelson (FL)

RDTE,A	Brain Interventional Surgical Hybrid Initiative	\$2,400,000	Wasserman Schultz	
RDTE,A	Brain Safety Net	\$2,400,000	Walden; Blumenauer; DeFazio; Wu	Merkley; Wyden
RDTE,A	Breast Cancer Medical Information Network Decision Support	\$800,000	Berman	
RDTE,A	Brownout Situational Awareness Sensor	\$2,400,000	Hunter; Olver	
RDTE,A	Building a Unified Information Framework	\$1,600,000	Andrews	Lautenberg; Menendez
RDTE,A	Burn and Shock Trauma Institute	\$1,600,000		Durbin
RDTE,A	Buster / Blacklight UAV Development	\$800,000	Gonzalez; Ortiz; Rodriguez	
RDTE,A	Cadmium Emissions Reduction—Letterkenny Army Depot	\$1,000,000	Shuster	
RDTE,A	Cancer Prevention through Remote Biological Sensing	\$1,600,000	Bishop (NY)	Schumer
RDTE,A	Capabilities Expansion of Spinel Transparent Armor Manufacturing	\$1,600,000	Perlmutter	
RDTE,A	Captive Carry Sensor Test-Bed	\$2,400,000	Davis (AL); Bachus	
RDTE,A	Carbide Derived Carbon for Treatment of Combat Related Sepsis	\$800,000	Sestak	Specter
RDTE,A	Carbon Nanotube Production	\$1,600,000		Hutchison
RDTE,A	Cellular Therapy for Battlefield Wounds	\$2,800,000	Fudge	
RDTE,A	Cellulose Nanocomposites Panels for Ballistic Protection	\$1,600,000	Michaud; Pingree (ME)	Collins; Snowe
RDTE,A	Center for Advanced Emergency Response	\$4,000,000		Durbin
RDTE,A	Center for Bone Repair and Military Readiness	\$1,200,000	Cleaver	
RDTE,A	Center for Borane Technology	\$2,000,000		Bond
RDTE,A	Center for Cancer Immunology Research	\$1,600,000	Culberson	
RDTE,A	Center for Defense Systems Research	\$800,000	Reyes	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Center for Engineered Biomedical Device	\$288,000	Herseth Sandlin	Johnson; Thune
RDTE,A	Center for Genetic Origins of Cancer	\$2,000,000	Dingell; Upton	Levin; Stabenow
RDTE,A	Center for Hetero-Functional Materials	\$800,000	Doggett; Conaway; Rodriguez	
RDTE,A	Center for Injury Biomechanics	\$4,000,000	Boucher	Warner; Webb
RDTE,A	Center for Integration of Medicine and Innovative Technology	\$9,000,000	Capuano; Lynch	Kerry; Kirk
RDTE,A	Center for Nanoscale Bio-Sensors as a Defense against Biological Threats	\$3,000,000	Boozman	Lincoln; Pryor
RDTE,A	Center for Ophthalmic Innovation	\$2,400,000	Diaz-Balart, Mario (FL); Ros-Lehtinen	Nelson (FL)
RDTE,A	Center for Respiratory Biodefense	\$2,400,000		Bennet
RDTE,A	Center for Virtual Reality Medical Simulation Training	\$1,200,000	Bachus; Davis (AL)	
RDTE,A	Center of Excellence in Infectious Diseases and Human Microbiome	\$2,400,000	Maloney; King (NY)	Schumer
RDTE,A	Ceramic and Metal Matrix Composites Armor Development using Ring Extruder Technology	\$800,000	Stupak	Levin
RDTE,A	Ceramic Membrane—10(X) Times More Energy for Battery Systems	\$2,400,000	Schwartz	Casey; Specter
RDTE,A	CERDEC Integrated Tool Control System	\$1,600,000	Pallone	
RDTE,A	Chemical Materials and Environmental Modeling Project	\$2,000,000		Cochran; Wicker
RDTE,A	Chronic Tinnitus Treatment Program	\$800,000	Dent	
RDTE,A	Cleveland Clinic Rehabilitation Research	\$800,000		Voinovich

RDTE,A	Clinical Development of a Norovirus Gastroenteritis Vaccine	\$3,600,000		Baucus
RDTE,A	Clinical Technology Integration for Military Health	\$1,600,000	Markey (MA)	Kerry
RDTE,A	Clinical Trial to Investigate Efficacy of Human Skin Substitute	\$800,000	Baldwin	
RDTE,A	Cluster Bomb Unit and Combined Effects Munitions Demilitarization	\$800,000	Brady (PA)	Reid
RDTE,A	Cogeneration for Enhanced Cooling and Heating of Advanced Tactical Vehicles	\$3,200,000		Kohl
RDTE,A	Cognitive Based Modeling and Simulation for Tactical Decision Support	\$1,600,000	Bishop (GA)	
RDTE,A	Collaboration Skills Training for Time-Critical Teams, Squads and Workgroups	\$1,600,000	Davis (IL)	
RDTE,A	Collagen-Based Wound Dressing	\$800,000	Altmire	
RDTE,A	Combat Medic Trainer	\$2,000,000	Schwartz; Hunter	Casey; Specter
RDTE,A	Combat Mental Health Initiative	\$1,600,000	Kaptur	
RDTE,A	Combat Vehicle Electrical Power-21st Century (CVEP-21)	\$3,120,000		Lugar
RDTE,A	Combat Wound Initiative	\$2,400,000	Kennedy	
RDTE,A	Command, Control, Communications Technology	\$1,600,000	Pascrell	
RDTE,A	Compact 10 Kilowatt Generator Set for Army and Marine Combat Vehicles	\$1,600,000		Nelson (FL)
RDTE,A	Compact Biothreat Rapid Analysis Concept	\$4,800,000	Capuano	Kerry; Kirk
RDTE,A	Compact Pulsed Power Initiative	\$3,200,000	Conaway	Hutchison
RDTE,A	Complimentary and Alternative Medicine Research for Military Operations and Healthcare (MIL-CAM)	\$5,200,000		Harkin
RDTE,A	Composite Applied Research and Technology for FCS and Tactical Vehicle Survivability	\$3,200,000	Castle	Carper; Kaufman
RDTE,A	Composite Bottles for Survival Egress Air	\$4,000,000		Crapo; Risch
RDTE,A	Composite Small Main Rotor Blades	\$3,000,000	Tiahrt	Brownback; Dodd; Roberts

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Compostable and Recyclable Fiberboard Material for Secondary Packaging	\$2,000,000	Obey	
RDTE,A	Construct Training Program	\$1,600,000	Gutierrez; Jackson (IL)	Durbin
RDTE,A	Continuous Threat Alert Sensing System (CTASS)	\$1,360,000		Reid
RDTE,A	Control of Vector-Borne Diseases	\$2,400,000	Visclosky	
RDTE,A	Conversion of Municipal Solid Waste to Renewable Diesel Fuel	\$2,520,000	Rothman; Lance; Sires	Kerry; Specter
RDTE,A	Cooperative Developmental Energy Program	\$1,600,000	Bishop (GA)	
RDTE,A	Cooperative International Neuromuscular Research Group (CINRG)	\$3,280,000	Aderholt	Cochran; Wicker
RDTE,A	Countermeasures to Hemorrhaging (Liquid Bandage and Tissue Regeneration)	\$5,760,000		Nelson (NE)
RDTE,A	Crewmember Alert Display Development Program	\$1,600,000	Kingston	
RDTE,A	Cryofracture/Plasma Arc Demilitarization Program	\$6,400,000	Rehberg	Baucus; Tester
RDTE,A	Current Force Common Active Protection System Radar	\$1,600,000	Johnson, Sam (TX); Hall (TX); Johnson, Eddie Bernice (TX)	
RDTE,A	Customized Nursing Programs for Fort Benning	\$1,600,000	Bishop (GA)	Chambliss; Isakson
RDTE,A	Cyber Threat Analytics	\$2,400,000	Lewis (CA)	
RDTE,A	Cybersecurity in Tactical Environments	\$800,000	Castle	Carper; Kaufman
RDTE,A	Defense Advanced Transportation Technology Program Hybrid Truck Users Forum	\$4,800,000		Boxer
RDTE,A	Defense Metals Technology Center	\$2,000,000	Bocchieri; Ryan (OH)	Brown

RDTE,A	Defense Support for Civil Authorities for Key Resource Protection	\$800,000	Shuster	
RDTE,A	Defense Support to Civil Authorities Automated Support System	\$1,600,000	Moran (VA)	
RDTE,A	Define Renewable Energy Sources for Base Energy Independence	\$1,600,000	Teague	Bingaman; Udall (NM)
RDTE,A	Demonstration of Thin Film Solar Modules as a Renewable Energy Source	\$800,000	Reyes	
RDTE,A	Dermal Matrix Research	\$2,000,000	Lance	Lautenberg; Menendez
RDTE,A	Development of Drugs for Malaria and Leishmaniasis	\$3,120,000	Childers	Cochran
RDTE,A	Development of Enabling Chemical Technologies for Power from Green Sources	\$1,200,000	Olver	
RDTE,A	Development of Improved Lighter-Weight IED / EFP Armor Solutions	\$1,600,000	Tiahrt	Roberts
RDTE,A	Development, Optimization, and Transfer of a Reliable Testing Technology for Materials Designed to Protect Warfighters Against Toxic Chemical Warfare Agents	\$480,000	Herseth Sandlin	Johnson; Thune
RDTE,A	Developmental Mission Integration	\$5,600,000	Frelinghuysen	
RDTE,A	De-Weighting Military Vehicles through Advanced Composites Manufacturing Technology	\$2,960,000	Davis (KY)	Bunning
RDTE,A	Diabetes Care in the Military	\$1,600,000	Kilpatrick	Levin
RDTE,A	Diamond Lens Elements for High Powered Laser	\$800,000	McGovern	Kerry; Kirk
RDTE,A	Direct Carbon Fuel Cell	\$2,800,000	Capito	
RDTE,A	Discriminatory Imaging and Network Advancement for Missiles, Aviation and Space	\$2,500,000		McConnell
RDTE,A	Distributed Power from Wastewater	\$2,000,000	Wilson (OH); Space	Voinovich
RDTE,A	Distributed, Networked, Unmanned Ground Systems	\$3,200,000	Matheson	Bennett; Hatch
RDTE,A	DoD Diabetes Research and Development Initiative (DRDI)	\$2,560,000	Dicks	
RDTE,A	Domestic Production of Nanodiamond for Military Applications	\$1,600,000	Thompson (PA)	Casey; Specter
RDTE,A	Drive System Composite Structural Component Risk Reduction Program	\$2,400,000	Brady (PA)	Casey; Specter

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Dual Stage Variable Energy Absorber	\$2,400,000	Murphy, Patrick (PA)	
RDTE,A	Dugway Field Test Improvements	\$3,600,000	Bishop (UT)	Bennett; Hatch
RDTE,A	Effects Based Operations Decision Support Services	\$1,600,000	Moran (VA)	
RDTE,A	Electric All Terrain Ultra Light Vehicle for the Minnesota National Guard	\$1,600,000	Oberstar	
RDTE,A	Electrically Charged Mesh Defense Net Troop Protection System	\$6,000,000	Aderholt	Sessions
RDTE,A	Electronic Combat and Counter Terrorism Threat Developments to Support Joint Forces	\$3,000,000	Kingston	
RDTE,A	Electronic Commodity Project	\$800,000		Byrd
RDTE,A	Electronic Keel	\$1,600,000		Casey; Specter
RDTE,A	Enabling Optimization of Reactive Armor	\$3,000,000	Whitfield; Rogers (KY)	Bunning; Dodd; Lieberman; McConnell
RDTE,A	Enhanced Driver Situational Awareness	\$800,000	Kennedy	
RDTE,A	Enhanced Military Vehicle Maintenance System Demonstration Project	\$2,800,000	Rogers (AL)	Sessions; Shelby
RDTE,A	Enhanced-Rapid Tactical Integration for Fielding of Systems Initiative	\$3,120,000	Aderholt; Rogers (AL)	Sessions; Shelby
RDTE,A	Enhancing Military Ophthalmic Education and Overcoming Urban Healthcare Disparities with Telemedicine	\$2,400,000	Brady (PA)	
RDTE,A	Enhancing the Commercial Joint Mapping Toolkit to Support Tactical Military Operations	\$3,200,000	Lewis (CA)	
RDTE,A	Enhancing Wound Healing, Tissue Regeneration, and Biomarker Discovery	\$2,000,000	Berkley; Titus	Ensign; Reid
RDTE,A	Environmentally Intelligent Moisture and Corrosion Control for Concrete	\$1,680,000	Rothman	Lautenberg; Menendez

RDTE,A	Epigenetic Disease Research	\$1,600,000	McMorris Rodgers	Cantwell; Murray
RDTE,A	Evaluation of Integrative Approaches to Resilience	\$1,600,000	Moran (VA)	
RDTE,A	Exceptional Family Transitional Training Program for US Military Soldiers, Sailors, Marines and Airmen	\$640,000	Murtha	
RDTE,A	Execution of a Quality Systems Program for FDA Regulation Activities	\$1,200,000	Bishop (GA)	
RDTE,A	Expansion and Development of Bionic Limbs for U.S. Military Personnel	\$2,000,000	Davis (IL)	Durbin
RDTE,A	Expeditionary Water Reclamation Process using Supercritical Water Oxidation	\$2,800,000		Bond
RDTE,A	Exploding Foil Initiators (EFI) with Nanomaterial-Based Circuits	\$2,400,000	Herseth Sandlin	Johnson
RDTE,A	Extended Duration Silver Wound Dressing—Phase II	\$800,000	Shuler	Hagan
RDTE,A	Eye Safe Laser Range Finder	\$2,400,000	Baldwin	Kohl
RDTE,A	Eye Trauma and Visual Restoration	\$800,000	Schiff	
RDTE,A	Eye-Safe Standoff Fusion Detection of CBE Threats	\$2,000,000	Doyle	Specter
RDTE,A	Fibrin Adhesive Stat (FAST) Dressing	\$2,400,000		Cardin
RDTE,A	Field Deployable Fleet Hydrogen Fueling	\$2,400,000		Dodd; Lieberman
RDTE,A	Field Deployable Hologram Production System	\$3,840,000	Granger; Conaway	
RDTE,A	Fighting Combat-Related Fatigue Syndrome	\$800,000	Kosmas; Brown, Corrine (FL)	Nelson (FL)
RDTE,A	Fire Shield	\$3,200,000	Dreier	
RDTE,A	Fire Suppression System	\$1,140,000	Sullivan	
RDTE,A	Flexible Solar Cell for Man-portable Power Generator	\$800,000	Jackson (IL); Rush	
RDTE,A	Florida Trauma Rehabilitation Institute for Returning Military Personnel	\$2,400,000	Bilirakis	
RDTE,A	Flu Vaccine Technology Program	\$1,200,000	Rahall	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Foil Bearing Supported UAV Engine	\$800,000	Larson (CT)	
RDTE,A	Foliage Penetrating, Reconnaissance, Surveillance, Tracking, and Engagement Radar (FORESTER) Phase II	\$1,600,000	Maffei; McHugh	Schumer
RDTE,A	Force Protection Radar for Forward Operating Bases	\$1,600,000		Murray
RDTE,A	Framework for Electronic Health Record-Linked Predictive Models	\$2,400,000	Murtha	
RDTE,A	Friction Stir Welding Program	\$2,400,000	Jordan; Kaptur	
RDTE,A	Fuel System Component Technology Research	\$1,600,000	Manzullo	
RDTE,A	Fully Burdened Cost of Fuel and Alternative Energy Methodology and Conceptual Model	\$2,800,000	Kaptur	
RDTE,A	Fused Silica for Large-Format Transparent Armor	\$3,200,000	Space	
RDTE,A	Future Tactical Truck Carbon Composite Shelter and Retrofit of Current Vehicle Shelters	\$1,600,000		Begich
RDTE,A	Gas Engine Driven Air Conditioning	\$2,400,000	Pastor (AZ); Berkley; Franks (AZ)	Reid
RDTE,A	Geosciences / Atmospheric Research	\$3,000,000	Markey (CO); Salazar	Bennet; Udall (CO)
RDTE,A	Geospatial Airship Research Platform	\$3,200,000	Kaptur	
RDTE,A	Green Armament and RangeSafe Technology Initiatives	\$1,600,000	Frelinghuysen; Sires	Menendez
RDTE,A	Ground-forces Readiness Enabler for Advanced Tactical Vehicles (GREAT-V)	\$800,000		Hutchison
RDTE,A	Hadron Particle Therapy	\$1,600,000	Foster	Durbin
RDTE,A	HapMed Combat Medic Trainer	\$800,000		Nelson (FL)

RDTE,A	Headborne Energy Analysis and Diagnostic System	\$1,600,000	Carney	
RDTE,A	Health Disparities in Troop Readiness	\$8,000,000	Clyburn	
RDTE,A	Health Sciences Regenerative Medicine Center—Autologous Tissues Research	\$3,200,000		Burr; Hagan
RDTE,A	Heavy Fuel Engine Family for Unmanned Systems	\$3,200,000	Hoekstra	Levin; Stabenow
RDTE,A	Heuristic Internet Protocol Packet Inspection Engine (HIPPIE)	\$1,040,000	Akin	Bond
RDTE,A	High Energy Laser System Test Facility—HELSTF/HELTD	\$4,500,000		Bingaman; Udall (NM)
RDTE,A	High Frequency Devices and Circuits for Nanotubes and Nanowires	\$1,440,000	Boozman	Lincoln; Pryor
RDTE,A	High Performance Alloy Materials and Advanced Manufacturing of Steel Castings for New Light Weight and Robotic Weapon Systems	\$2,400,000	Emerson	
RDTE,A	High Performance Computing in Biomedical Engineering and Health Sciences	\$1,200,000	Watt	
RDTE,A	High Pressure Pasteurization and Pressure Assisted Thermal Sterilization Project	\$3,440,000	Ellsworth	Lugar
RDTE,A	High Speed Digital Imaging	\$2,400,000		Gregg
RDTE,A	High Strength Glass Production and Qualification for Armor Applications	\$1,600,000	Tonko	Schumer
RDTE,A	High Temp Polymers for Missile System Applications	\$3,920,000		Cochran; Wicker
RDTE,A	High-Frequency, High-Power Electronic and Optoelectronic Devices on Aluminum Nitride (AlN)	\$3,200,000	Price (NC)	Burr
RDTE,A	Highlander Electro-Optical Sensors	\$1,600,000	Moran (VA)	
RDTE,A	Highly Functional Neurally Controlled Skeletally Attached and Intelligent Prosthetic Devices	\$3,040,000		Bennett
RDTE,A	Highly Integrated Lethality Systems Development	\$4,000,000	Frelinghuysen	
RDTE,A	Highly Integrated Production for Expediting Reset	\$2,000,000	Brown (SC); Altmire; Rogers (AL); Wilson (SC)	Casey; Sessions; Stabenow
RDTE,A	High-Volume Manufacturing Development for Thin-film Lithium Stack Battery Technologies	\$800,000	Honda; Carter	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	HiSentinel Stratospheric Airship	\$2,400,000	Herseth Sandlin	Johnson
RDTE,A	Hi-Tech Eyes for the Battlefield	\$1,600,000		Hutchison
RDTE,A	HIV Prevention and Reducing Risk to US Military Personnel	\$3,000,000	Pelosi	
RDTE,A	Hostile Fire Indicator	\$1,600,000	Hodes	Gregg; Shaheen
RDTE,A	Human Genomics, Molecular Epidemiology, and Clinical Diagnostics for Infectious Diseases	\$1,200,000	Pastor (AZ)	
RDTE,A	Human Organ and Tissue Preservation Technology	\$1,600,000	Wilson (SC)	
RDTE,A	Hybrid Electric Drive All Terrain Vehicle	\$1,600,000	Peters	Levin
RDTE,A	Hybrid Electric Heavy Truck Vehicle	\$1,600,000	Bartlett	Cardin
RDTE,A	Hybrid Energy Systems Design and Testing	\$2,000,000	Simpson	Crapo; Risch
RDTE,A	Hybrid Engine Development Program	\$3,200,000		Levin
RDTE,A	Hydraulic Hybrid Vehicles for the Tactical Wheeled Fleet	\$2,800,000	Peters	Levin; Lugar; Stabenow
RDTE,A	Hyper Spectral Sensor for Improved Force Protection	\$1,600,000	Akin	
RDTE,A	Identification of New Drug Targets in Multi-Drug Resistant Bacterial Infections	\$2,000,000	Slaughter, Lee (NY)	Gillibrand; Schumer
RDTE,A	Identification of Pain Mechanisms and Therapeutic Targets	\$800,000		Durbin
RDTE,A	Imaging and Cognitive Evaluation of Soldiers	\$640,000	Kilpatrick	Levin; Stabenow
RDTE,A	Improved HELHOUND 40mm Low Velocity High Explosive Ammunition	\$600,000	Boyd	Nelson (FL)

RDTE,A	Improved Manufacturing Processes Demonstration Program for Army Tactical Vehicles	\$1,600,000		Bond
RDTE,A	Improved Thermal Batteries for Guided Munitions	\$2,400,000	Schwartz	Specter
RDTE,A	Improved Thermal Resistant Nylon for Enhanced Durability and Thermal Protection in Combat Uniforms	\$3,200,000	Castle; Barrett	Carper; Graham; Kaufman
RDTE,A	Improving Soldier Recovery from Catastrophic Bone Injuries	\$3,200,000	Murphy (CT)	Lieberman
RDTE,A	Infection Prevention Program for Battlefield Wounds	\$1,600,000	McGovern	Kerry
RDTE,A	Infectious and Airborne Pathogen Reduction	\$2,240,000	Whitfield; Arcuri; Childers; Higgins	Schumer
RDTE,A	In-Field Body Temperature Conditioner	\$2,400,000		Reid
RDTE,A	Injection Molded Ceramic Body Armor	\$800,000	Olver	
RDTE,A	Ink-based Desktop Electronic Material Technology	\$1,600,000	Frelinghuysen	
RDTE,A	Institute for Simulation and Interprofessional Studies	\$4,640,000	Dicks; McDermott; McMorris Rodgers; Smith (WA)	Cantwell; Murray
RDTE,A	Integrated Alternative Power Systems	\$2,080,000		Kohl
RDTE,A	Integrated Defense Technical Information	\$1,600,000	Rogers (KY)	
RDTE,A	Integrated Family of Test Equipment V6 Product Improvement Program	\$2,400,000	Kingston	Chambliss
RDTE,A	Integrated Flexible Electronics	\$1,600,000		Specter
RDTE,A	Integrated Information Technology Policy Analysis Research and Technology Commercialization and Management Network	\$3,200,000	Lewis (CA)	
RDTE,A	Integrated Lightweight Tracker System	\$2,000,000	Obey	
RDTE,A	Integrated Patient Electronic Record System	\$1,600,000	Lee (CA)	
RDTE,A	Intelligence, Surveillance and Reconnaissance (ISR) Simulation Integration Laboratory	\$1,600,000	Smith (NJ)	
RDTE,A	Intelligent Energy Control Systems	\$2,400,000	Granger	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Intelligent Network-Centric Sensor Development Program	\$1,200,000	Cohen	
RDTE,A	Intelligent Orthopedic Fracture Implant Program	\$800,000	Kildee	Levin; Stabenow
RDTE,A	Intensive Quenching for Advanced Weapon Systems	\$1,200,000	Sutton; Ryan (OH); Tonko	Schumer; Stabenow
RDTE,A	Inter Turbine Burner for Turbo Shaft Engines	\$2,400,000	Lewis (CA)	
RDTE,A	Internal Base Facility Energy Independence	\$2,560,000	Kaptur	
RDTE,A	In-Theater Evaluation of Ballistic Protection	\$800,000	Michaud; Pingree (ME)	Collins; Snowe
RDTE,A	IR-Vascular Facial Fingerprinting	\$2,400,000	Moran (VA)	
RDTE,A	IUID Data Platform	\$2,000,000	Kennedy	Reed
RDTE,A	Jackson Health System Military Trauma Training Enhancement Initiative	\$2,000,000	Meek (FL); Wasserman Schultz	Nelson (FL)
RDTE,A	JAMMA Family of Vehicles	\$800,000		Bennett
RDTE,A	Javelin Warhead Improvement Program	\$4,000,000	Bright; Brown, Corrine (FL)	Nelson (FL); Sessions; Shelby
RDTE,A	Joint Fires and Effects Trainer System Enhancements	\$2,000,000	Cole; Fallin	Inhofe
RDTE,A	Joint Medical Simulation Technology Center	\$1,280,000	Kosmas	
RDTE,A	Joint Munitions and Lethality Mission Integration	\$1,600,000	Frelinghuysen	
RDTE,A	Joint Precision AirDrop Systems-Wind Profiling Portable Radar	\$1,840,000	Murtha	
RDTE,A	Kinetic Energy Enhanced Lethality and Protection Materials	\$2,000,000		Alexander; Corker

RDTE,A	Laboratory for Engineered Human Protection	\$1,600,000	Fattah	
RDTE,A	Large Format Li-Ion Battery	\$4,960,000	Moore (WI)	Kohl
RDTE,A	Large Structure Titanium Machining Initiative	\$800,000		Klobuchar; Stabenow
RDTE,A	Large-Scale Manufacturing of Revolutionary Nanostructured Materials	\$1,200,000	Moore (WI)	
RDTE,A	Laser-Guided Energy (LGE) Demonstrator	\$2,240,000		Cochran
RDTE,A	Lattice Block Structures for AM2 Matting Replacement	\$1,600,000	Hodes	Gregg; Shaheen
RDTE,A	Legacy Aerospace Gear Drive Re-Engineering Initiative	\$2,000,000	Larson (CT)	Dodd
RDTE,A	Lens-Less Dual-Mode Micro Seeker for Medium-Caliber Guided Projectiles	\$2,000,000	Dreier	
RDTE,A	Leonard Wood Institute	\$12,000,000	Skelton	
RDTE,A	Lifestyle Modifications to Reduce Chronic Disease in Military Personnel	\$1,500,000	Pelosi	
RDTE,A	Light Weight Nanophosphate Battery with Improved Energy Density	\$2,000,000	Markey (MA)	Kerry; Kirk
RDTE,A	Lightweight 10-meter Antenna Mast	\$2,000,000	Obey	
RDTE,A	Lightweight Caliber .50 Machine Gun	\$3,200,000	Michaud; Pingree (ME)	Collins; Leahy; Snowe
RDTE,A	Lightweight Magnesium Parts for Military Applications	\$1,600,000	Holden	Casey
RDTE,A	Lightweight Medical Devices	\$1,600,000		Brownback
RDTE,A	Lightweight Metal Alloy Foam for Armor	\$3,200,000	Kaptur	
RDTE,A	Lightweight Munitions and Surveillance System for Unmanned Air and Ground Vehicles	\$3,840,000	Garrett	Lautenberg; Menendez
RDTE,A	Lightweight Packaging System for Enhancing Combat Munitions Logistics	\$1,600,000	Frelinghuysen; Rothman	Lautenberg; Menendez
RDTE,A	Lightweight Polymer Designs for Soldier Combat Optics	\$800,000	Olver	Kerry
RDTE,A	Lightweight Protective Roofing	\$1,200,000	Moran (VA)	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Lightweight Reliable Materials for Military Systems	\$2,800,000		Conrad; Dorgan
RDTE,A	Lightweight, Battery Driven, and Battlefield Deployment Ready NG Feeding Tube Cleaner	\$500,000	Thompson (PA)	
RDTE,A	Linear Accelerator Cancer Research Project	\$800,000	Rangel; Lowey; Maloney	Schumer
RDTE,A	Locating and Tracking Explosive Threats with Wireless Sensors and Networks	\$4,800,000	Emerson	
RDTE,A	Logistical Fuel Processors Development	\$1,200,000	Bachus; Rogers (AL)	
RDTE,A	Long Range Hypersonic Interceptor	\$1,600,000		Brownback; Roberts
RDTE,A	Long-term Pain and Infection Management for Combat Casualty Care	\$2,320,000		Cochran; Wicker
RDTE,A	Low Cost Interceptor	\$1,680,000		Shelby
RDTE,A	LW25 Gun System and Demonstration	\$2,400,000	Kingston	
RDTE,A	M109A6 Paladin	\$1,600,000	Rogers (AL)	
RDTE,A	Maine Center for Toxicology and Environmental Health, Toxic Particles Research and Equipment	\$1,600,000	Pingree (ME)	
RDTE,A	Maine Institute for Human Genetics and Health	\$1,600,000	Michaud	Collins; Snowe
RDTE,A	Malaria Vaccine Development	\$4,000,000	McDermott; Smith (WA)	Cantwell; Murray
RDTE,A	Manufacturing and Industrial Technology Center	\$400,000	Boyd	Nelson (FL)
RDTE,A	Manufacturing Lab for Next Generation Engineers	\$1,600,000	Schock	
RDTE,A	Mariah Hypersonic Wind Tunnel Development Program	\$7,600,000	Rehberg	Baucus; Tester

RDTE,A	Market Viable, Dual-Use, Advanced Energy Storage Solutions Development	\$4,000,000	Hinchey	Schumer
RDTE,A	Marty Driesler Lung Cancer Project	\$1,600,000	Rogers (KY)	
RDTE,A	Maryland Proof of Concept Alliance for Defense Technologies	\$1,600,000		Mikulski
RDTE,A	Mass Casualty First Responders Disaster Surge Technology Program	\$2,400,000	Pallone; Rothman	Lautenberg; Menendez
RDTE,A	Materials for Infrared Night Vision Equipment	\$7,200,000		Durbin
RDTE,A	Materials Processing and Applications Development Center of Excellence for Industry	\$1,200,000	Bachus	
RDTE,A	Materials Technology for LED Lighting Applications	\$2,400,000	Rehberg	Tester
RDTE,A	Medical Biosurveillance and Efficiency Program	\$1,600,000	Altmire	
RDTE,A	Medical Errors Reduction Initiative	\$2,000,000	Rothman	
RDTE,A	Medium Caliber Metal Parts Upgrade	\$3,000,000	Kanjorski	Casey; Specter
RDTE,A	MEMS Antenna for Wireless Communications Supporting UAVs in the Battlefield	\$2,400,000	Pomeroy	Conrad; Dorgan
RDTE,A	Micro Inertial Navigation Unit Technology	\$1,200,000	Doyle	Specter
RDTE,A	Microencapsulation and Vaccine Delivery Research	\$800,000	Edwards (TX)	
RDTE,A	Micromachined Switches in Support of Transformational Communications Architecture	\$2,400,000	Miller, George (CA)	
RDTE,A	Microterrain Persistent Surveillance	\$1,600,000		Bond
RDTE,A	Mid-Infrared Super Continuum Laser	\$800,000	Kilpatrick; Dingell	Levin; Stabenow
RDTE,A	Midwest Traumatic Injury Rehabilitation Center	\$1,168,000	Ehlers	Levin
RDTE,A	Military Applications for Medical Grade Chitosan	\$3,000,000		Inouye

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Military Burn Trauma Research Program	\$4,500,000	Matsui; Lungren	Begich; Boxer; Brown; Burris; Cantwell; Gillibrand; Hatch; Kerry; Lieberman; Menendez; Reed; Sanders; Schumer; Whitehouse
RDTE,A	Military Drug Management System	\$2,400,000	Mollohan	
RDTE,A	Military Family Coping Patterns	\$400,000	Edwards (TX)	Cornyn
RDTE,A	Military Family Empowerment Initiative	\$800,000		Mikulski
RDTE,A	Military Fuel Cell Genset Technology Demonstration	\$2,000,000	Boccieri	
RDTE,A	Military Installation Electric Vehicle Demonstration Project	\$1,600,000		Bond
RDTE,A	Military Low Vision Research	\$2,400,000	Lynch; Capuano	Kerry
RDTE,A	Military Medical Decontamination System	\$4,500,000		Brown; Voinovich
RDTE,A	Military Mental Health Initiative	\$600,000	Kilpatrick; Dingell	Levin; Stabenow
RDTE,A	Military Nutrition Research: Four Tasks to Address Personnel Readiness	\$800,000	Alexander	Landrieu; Vitter
RDTE,A	Military Pediatric Training and Support	\$4,000,000	Norton	
RDTE,A	Minimizing Shock in Battlefield Injuries	\$1,900,000		McConnell
RDTE,A	Missile Attack Early Warning System	\$2,080,000		Shelby
RDTE,A	Mission Hospital Computerized Physician Order Entry	\$800,000	Shuler	

RDTE,A	Missouri Multi-Threat Detection Initiative (M2TDI)	\$2,000,000		Bond
RDTE,A	MLRS Disposal System	\$2,500,000		Ensign; Reid
RDTE,A	Mobile Aerosol Monitoring System for the Department of Defense	\$1,200,000		Reid
RDTE,A	Mobile Integrated Diagnostic and Data Analysis	\$1,600,000	Adler	
RDTE,A	Mobile Localization (M-LOC)	\$1,200,000		Inouye
RDTE,A	Mobile Mesh Network Node	\$1,760,000	Obey	
RDTE,A	Mobile Power 30 Kilowatt System Power Control Unit Development Project	\$800,000	Harman	
RDTE,A	Model for Green Laboratories and Clean Rooms	\$1,200,000	Bishop (GA)	
RDTE,A	Modeling and Testing of Next Generation Body Armor	\$2,000,000	Rush	Durbin
RDTE,A	Moldable Fabric Armor	\$2,240,000	Inglis	Graham
RDTE,A	Molecular Electronics for Flash Memory Production	\$2,400,000	Lipinski	Durbin
RDTE,A	Montefiore Critical Looking Glass	\$1,200,000	Engel	Schumer
RDTE,A	Mortar Anti-Personnel / Anti-Materiel Technology	\$3,200,000	Rothman	Klobuchar; Lautenberg; Menendez
RDTE,A	MOTS All Sky Imager	\$960,000	Reyes; Rodriguez	
RDTE,A	MQ-8B Fire Scout Army	\$6,800,000		Cochran; Schumer; Wicker
RDTE,A	Multi-Campus Base Facility Energy Independence	\$3,200,000	Kaptur	
RDTE,A	Multi-Dose Closed Loop pH Monitoring System for Platelets	\$1,600,000	McDermott; Smith (WA)	Murray
RDTE,A	Multifunctional Nanomaterials for Homeland Defense, Counter-Terrorism and Dual-Use Applications	\$2,000,000		Lautenberg; Menendez
RDTE,A	Multi-layer Co-extrusion for High Performance Packaging	\$1,600,000	Obey	
RDTE,A	Multiple Source Data Fusion for Dugway Proving Ground	\$2,000,000	Bishop (UT)	Bennett; Hatch

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Multiplexed Human Fungal Infection Diagnostic	\$1,600,000	Frank (MA)	Kerry
RDTE,A	Multi-Utility Materials for Future Combat Systems	\$7,200,000	Herseth Sandlin; Brown, Corrine (FL); Latham; Meek	Grassley; Harkin; Johnson
RDTE,A	Musculoskeletal Interdisciplinary Research Initiative	\$1,600,000	Blirakis	
RDTE,A	Myositis Association—exposure to environmental toxins	\$1,000,000	Israel	Schumer
RDTE,A	Nano Advanced Cluster Energetics	\$1,600,000	Frelinghuysen	
RDTE,A	Nanocomposite Enhanced Radar and Aerospace Materials (NERAM)	\$800,000		Hutchison
RDTE,A	Nanocrystal Source Display	\$760,000	Markey (MA)	Kerry
RDTE,A	Nanoelectronic Memory, Sensor and Energy Devices	\$6,300,000		Nelson (NE)
RDTE,A	Nano-enabled Ultra High Storage Density Non-volatile Memory for Commander's Digital Assistant	\$2,400,000		Feinstein
RDTE,A	Nanofiber Based Synthetic Bone Repair Device for Limb Salvage	\$1,000,000	Wamp	
RDTE,A	Nanofluid Coolants	\$500,000	Davis (KY)	Bunning
RDTE,A	Nano-Imaging Agents for Early Disease Detection	\$800,000	Green, Al (TX); Culberson	
RDTE,A	Nanomanufacturing of Multifunctional Sensors	\$4,000,000	Tsongas	Kerry; Kirk
RDTE,A	Nanophotonic Biosensor Detection of Bioagents and Pathogens	\$1,520,000	Kingston; Bishop (GA)	Chambliss; Isakson
RDTE,A	Nanophotonic Devices	\$1,600,000		Hutchison
RDTE,A	Nanotechnology Enterprise Consortium (NTEC)	\$5,000,000		Bond

RDTE,A	Nanotechnology for Potable Water and Waste Treatment	\$1,600,000	Sutton; Murphy, Tim (PA)	Landrieu
RDTE,A	Nanotechnology Fuze	\$1,600,000	Obey	
RDTE,A	Nanotechnology-Enabled Self-Healing Anti-Corrosion Coating Products	\$1,400,000	Holt	Lautenberg; Menendez
RDTE,A	Nanotubes Optimized for Lightweight Exceptional Strength (NOLES)	\$3,200,000	Crenshaw	Nelson (FL)
RDTE,A	National Biodefense Training Center	\$5,000,000	Olson	Hutchison
RDTE,A	National Center for Defense Manufacturing and Machining	\$1,600,000	Murphy, Tim (PA)	Casey; Specter
RDTE,A	National Eye Evaluation and Research Network	\$2,400,000	Lewis (CA); Sarbanes	Harkin
RDTE,A	National Functional Genomics Center	\$6,000,000	Bilirakis; Castor (FL); Young (FL)	Nelson (FL)
RDTE,A	National Oncogenomics and Molecular Imaging Center	\$4,760,000	Kilpatrick	Levin; Stabenow
RDTE,A	Natural Gas Firetube Boiler Demonstration	\$800,000	Hare	Durbin; Harkin
RDTE,A	NAU-TGen North Dangerous Pathogens DNA Forensics Center Upgrades	\$1,600,000	Kirkpatrick	
RDTE,A	Navy Gun Ammunition Demilitarization and Recycling	\$1,600,000		Reid
RDTE,A	Near Infrared Spectroscopy Military Personnel Assessment	\$800,000	Castor (FL)	Nelson (FL)
RDTE,A	Networked Reliability and Safety Early Evaluation System	\$1,600,000	Dent	Specter
RDTE,A	Neural Control of External Devices	\$2,000,000	Kennedy	Bennett; Hatch; Kerry; Kirk
RDTE,A	Neuroimaging and Neuropsychiatric Trauma in US Warfighters	\$6,250,000	Pelosi	Boxer; Feinstein
RDTE,A	Neuro-Performance Research	\$1,600,000	Moran (VA)	
RDTE,A	Neuroscience Research Consortium to Study Spinal Cord Injury	• \$1,200,000	Diaz-Balart, Lincoln (FL); Ros-Lehtinen; Wasserman Schultz	Nelson (FL)
RDTE,A	New Vaccines to Fight Respiratory Disease and Central Nervous Disorders	\$4,800,000	Latham	Grassley; Harkin

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	New York Medical College Bioterrorism Research	\$132,000	Lowey	Schumer
RDTE,A	Next Generation Communications System	\$800,000	Altmire	Casey; Specter
RDTE,A	Next Generation Green, Economical and Automated Production of Composite Structures for Aerospace	\$1,000,000	Grijalva	
RDTE,A	Next Generation High Strength Glass Fibers for Ballistic Armor Applications	\$1,600,000	Wilson (SC)	Graham
RDTE,A	Next Generation Lightweight Drive System for Army Weapons Systems	\$1,600,000	Herseht Sandlin	Johnson; Thune
RDTE,A	Next Generation Machining Technology and Equipment	\$1,600,000	Murphy (NY)	Schumer
RDTE,A	Next Generation Precision Airdrop System	\$2,000,000	Larson (CT)	
RDTE,A	Next Generation Wearable Video Capture System	\$800,000	Stupak	Levin
RDTE,A	Nicholson Center for Surgical Advancement Medical Robotics and Simulation	\$4,200,000	Grayson	Nelson (FL)
RDTE,A	Night Vision and Electronic Sensors Directorate	\$2,000,000	Oiver	
RDTE,A	NLOS-LS Anti-Tamper Initiative	\$3,040,000		Lugar
RDTE,A	Non-Leaching Antimicrobial Surface for Orthopedic Devices	\$1,200,000	Capuano	Kerry
RDTE,A	Northern Illinois Proton Treatment and Research Center	\$2,800,000	Foster	
RDTE,A	Novel Endothermic Armor Material for Insensitive Munitions Protection of Tactical Missiles and Tubes	\$2,500,000		Ensign; Reid
RDTE,A	Novel Zinc Air Power Sources for Military Applications	\$2,000,000	Rogers (AL)	
RDTE,A	Nurse Education Center of Excellence for Remote and Medically Underserved Populations	\$1,600,000	Shuster	

RDTE,A	Nursing Teaching and Leadership Program	\$800,000	McDermott	
RDTE,A	OMNI Active Vibration Control System	\$2,400,000	Dahlkemper	Casey; Specter
RDTE,A	ONAMI Miniaturized Tactical Energy Systems Development	\$2,500,000	Schrader; Blumenauer; DeFazio; Walden; Wu	Merkley; Wyden
RDTE,A	On-Board Hybrid Power Unit (OBHPU)	\$1,040,000	Harper	Cochran; Wicker
RDTE,A	On-Board Vehicle Power Systems Development	\$2,480,000	Aderholt	Sessions; Shelby
RDTE,A	One-Step JP-8 Bio-Diesel Fuel	\$1,600,000	Obey	
RDTE,A	Online Health Services Optimization	\$3,120,000		Cochran
RDTE,A	Open Source Intelligence for Force Protection and Intelligence Analysis	\$800,000	DeLauro	Hutchison
RDTE,A	Operating Room of the Future	\$2,000,000	Berman	Boxer
RDTE,A	Operation Re-Entry NC	\$2,400,000	Butterfield	Hagan
RDTE,A	Optical Neural Techniques for Combat and Post-Trauma Healthcare	\$3,500,000	Inslee; McDermott; Smith (WA)	Cantwell; Murray
RDTE,A	Optimization of the US Army Topographic Data Management Enterprise	\$2,080,000	Murtha; Moran (VA)	
RDTE,A	Optimizing Natural Language Processing of Open Source Intelligence	\$1,200,000	Bishop (UT)	Bennett; Hatch
RDTE,A	Organic Semiconductor Modeling and Simulation	\$880,000	Gohmert	
RDTE,A	Orion High Altitude Long Endurance UAV Risk Reduction Effort	\$7,760,000		Cochran; Wicker
RDTE,A	Pacific Command Renewable Energy Security Systems	\$2,400,000	Abercrombie	
RDTE,A	Parsons Institute for Information Mapping	\$1,200,000	Nadler	Schumer
RDTE,A	Parts-on-Demand from CONUS Operations	\$4,500,000	Pomeroy	Conrad; Dorgan
RDTE,A	Pediatric Cancer Research and Clinical Trials	\$1,600,000	Ryan (OH); Culberson; Rothman; Van Hollen	Crapo; Risch

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Perimeter Security Systems	\$4,500,000		Lautenberg; Menendez
RDTE,A	Permafrost Tunnel	\$500,000		Begich
RDTE,A	Perpetually Available and Secure Information Systems	\$3,200,000	Doyle	
RDTE,A	Personal Miniature Thermal Viewer	\$800,000	Michaud	
RDTE,A	Personal Status Monitor	\$800,000	Maffei; McHugh	Schumer
RDTE,A	Phase II, Regional Partnership—Ft. Bliss, WSMR, Holloman	\$3,760,000	Teague	Bingaman; Udall (NM)
RDTE,A	Plant-Based Vaccine Research	\$2,000,000	Guthrie	
RDTE,A	Plasma Sterilizer	\$2,400,000	Ellison; McCollum	Klobuchar
RDTE,A	Plug-in Architecture for DOD Medical Imaging	\$1,200,000	Moran (VA)	
RDTE,A	Plug-in Hybrid Electric Vehicle	\$4,000,000		Lugar
RDTE,A	Polymeric Web Run-Flat Tire Inserts for Convoy Protection	\$3,500,000	Obey	
RDTE,A	Portable Fuel Cell Power Source	\$2,400,000	Price (NC)	
RDTE,A	Portable Low-Volume Therapy for Severe Blood Loss	\$1,600,000	Oberstar	
RDTE,A	Portable Mobile Emergency Broadband Systems	\$3,200,000	Gerlach; Sestak	Casey; Specter
RDTE,A	Portable Sensor for Toxic Gas Detection	\$2,080,000	Granger	
RDTE,A	Positron Capture and Storage	\$2,400,000	McMorris Rodgers	Murray

RDTE,A	Power Efficient Microdisplay Development for US Army Night Vision	\$2,400,000	Hall (NY)	Schumer
RDTE,A	Prader Willi Syndrome Research	\$1,600,000	Royce	
RDTE,A	Precision Guidance Kit Technology Development	\$6,000,000	Mollohan; Bartlett	Inhofe
RDTE,A	Precision Guided Airdropped Equipment	\$1,200,000	Velázquez; Towns	Schumer
RDTE,A	Precision Strike Munitions Advancement with Integrated Millimeter Wave Power Sources to Satisfy Army Strategic Goals	\$3,280,000	Bishop (UT)	Bennett; Hatch
RDTE,A	Predictive Casting Process Modeling for Rapid Production of Critical Defense Components	\$1,600,000	Hall (TX)	
RDTE,A	Pre-Discharge Threat Cues	\$1,600,000		Levin; Stabenow
RDTE,A	Pride Center for America's Wounded Veterans	\$1,600,000	Berry	
RDTE,A	Printed and Conformal Electronics for Military Applications	\$1,600,000	Mitchell; Lance; Lofgren; Ryan (OH); Schakowsky; Tonko	Feinstein; Johnson; Schumer
RDTE,A	Project National Shield Integration Center	\$1,200,000	Capito	
RDTE,A	Projectile Unmanned Aerial Systems	\$2,400,000	Larson (CT); Courtney	Dodd; Lieberman
RDTE,A	Protective 3-D Armor Structure to Safeguard Military Vehicles and Troops	\$1,600,000	Levin	Levin; Stabenow
RDTE,A	Protective Gear Development through Man-In-Simulant-Test Chamber	\$800,000	Etheridge; Miller (NC)	
RDTE,A	Protein Hydrogel for Surgical Repair of Battlefield Injuries	\$800,000	Gingrey (GA)	Chambliss; Isakson
RDTE,A	Qualification and Insertion of New High Temperature Domestic Sourced PES for Military Aircraft	\$2,400,000	Johnson, Eddie Bernice (TX)	
RDTE,A	RAND Arroyo Center	\$1,600,000	Moran (VA)	Feinstein
RDTE,A	Rapid Burn Wound Therapies	\$2,000,000		Bennett; Hatch
RDTE,A	Rapid Insertion of Developmental Technologies into Fielded Systems	\$1,600,000	Frelinghuysen; Sires	
RDTE,A	Rapid Response Force Projection Systems	\$1,600,000	Rothman	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Rapid Response Hostile Fire Detection and Active Protection of Ground and Air Vehicles Sensor Demonstration	\$2,560,000		Shelby
RDTE,A	Rapid Wound Healing Cell Technology	\$2,000,000	Doyle	Casey
RDTE,A	Rare Earth Mining Separation and Metal Production	\$2,400,000	Lewis (CA)	
RDTE,A	RDT&E for the Family of Heavy Tactical Vehicles (FHTV)	\$1,600,000	Kagen	Kohl
RDTE,A	Reactive Materials	\$1,200,000	Barton	
RDTE,A	Reduced Manning Situational Awareness	\$4,000,000	Young (FL)	
RDTE,A	Reducing First Responder Casualties with Physiological Monitoring	\$1,200,000	Hodes	
RDTE,A	Regenerative Medicine for Acute Deafness	\$2,400,000	Inslee; McDermott; Smith (WA)	Murray
RDTE,A	Regenerative Medicine for Battlefield Injuries	\$1,000,000	Carson	Lugar
RDTE,A	Regenerative Medicine Research	\$1,600,000	Michaud	
RDTE,A	Reliability and Affordability Enhancement for Precision Guided Munition Systems	\$4,800,000	Frelinghuysen	
RDTE,A	Remote Bio-Medical Detector	\$2,800,000	Murtha	
RDTE,A	Remote Environmental Monitoring and Diagnostics in the Perishables Supply Chain	\$2,200,000	Stearns	Nelson (FL)
RDTE,A	Remote Explosive Analysis and Detection System	\$800,000	Griffith	
RDTE,A	Renewable Energy Testing Center	\$800,000	Matsui; Lungren	
RDTE,A	Renewable Jet Fuel from Lignocellulosic Feedstocks	\$2,400,000	Herseeth Sandlin	Johnson; Thune

RDTE,A	Research to Develop Strategies to Improve Prognosis of Soldiers Suffering Abdominal Trauma	\$1,600,000	Yarmuth	
RDTE,A	Research to Treat Cancerous Brain Tumors using Neural Stem Cells	\$1,600,000	Lewis (CA)	
RDTE,A	Ripsaw Unmanned Ground Vehicle (UGV) Weaponization	\$2,000,000	Pingree (ME)	Collins; Snowe
RDTE,A	Robust Composite Structural Core for Army Helicopters	\$1,600,000	Shea-Porter	Gregg; Shaheen
RDTE,A	Rocket Motor Contained System	\$800,000	Heller	Reid
RDTE,A	Rugged Electronic Textile Vital Signs Monitoring	\$2,400,000	Kennedy	Reed; Whitehouse
RDTE,A	Ruggedized Military Laptop Fuel Cell Power Supply—Project Phase 3	\$3,200,000	Brown, Corrine (FL); Crenshaw	Nelson (FL)
RDTE,A	Rural Health Center of Excellence for Remote and Medically Underserved Populations	\$1,600,000	Shuster	Casey
RDTE,A	Scaleable Efficient Power for Armament Systems and Vehicles Dual Use	\$4,000,000	Rothman	Lautenberg
RDTE,A	Scenario Generation for Integrated Air and Missile Defense Evaluation	\$3,360,000	Aderholt; Reyes; Rogers (AL)	Sessions; Shelby
RDTE,A	School of Nursing Advancement	\$2,000,000	Pelosi	
RDTE,A	Science, Technology, Engineering, Mathematics (STEM) at Coppin University	\$800,000	Cummings	
RDTE,A	Secure Open Source Initiative	\$2,400,000	Price (NC); Miller (NC)	
RDTE,A	Self Powered Prosthetic Limb Technology	\$1,600,000	Thompson (PA)	Casey; Specter
RDTE,A	Self Powered, Lightweight, Flexible Display Unit on a Plastic Substrate	\$3,040,000		Grassley; Harkin
RDTE,A	Self-Powered Sensor System for Munition Guidance and Health Monitoring	\$1,500,000	Holt	Lautenberg; Menendez
RDTE,A	Sensor Tape Physiological Monitoring	\$2,000,000	Bishop (GA)	
RDTE,A	Shadow TUAS Flight in the National Air Space	\$2,000,000	Kratovil	Cardin; Mikulski
RDTE,A	Shared Vision	\$2,400,000	Latham	Grassley; Harkin
RDTE,A	SHARK Precision Guided Artillery Round—105mm	\$4,000,000	Young (FL)	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Shortwave Infrared Hostile Fire Indicator for Aircraft	\$1,500,000	Holt	Lautenberg; Menendez
RDTE,A	Silent Watch, IB NPS 1160 Lithium-Ion Advanced Battery	\$800,000	Dent	
RDTE,A	Silicon Nanomaterial for Battlefield Medical Devices	\$2,800,000		Conrad; Dorgan
RDTE,A	Silver Fox and Manta Unmanned Aerial Systems	\$1,600,000	Franks (AZ)	
RDTE,A	Simulation Based Reliability and Safety (SimBRS) Program	\$4,900,000	Harper	Cochran; Wicker
RDTE,A	Smart Integrated Systems: Materials, Manufacturing Methods, and Structures	\$1,000,000	Herseht Sandlin	Johnson; Thune
RDTE,A	Smart Machine Platform Initiative	\$2,400,000	Driehaus; Tonko	Brown; Schumer; Voinovich
RDTE,A	Smart Oil Sensor	\$2,400,000	Thompson (PA)	Casey; Specter
RDTE,A	Smart Plug-In Hybrid Vehicle Program	\$3,280,000	Kilpatrick; Conyers; Dingell; Rogers (MI)	Levin; Stabenow
RDTE,A	Smart Sensor Supercomputing Center	\$8,000,000		Byrd
RDTE,A	Smart Wound Dressing for MRSA Infected Battlefield Wounds	\$800,000	Driehaus; Cummings; Ruppersberger; Scott (VA)	Cardin; Kerry; Voinovich; Warner; Webb
RDTE,A	Soldier Personal Cooling System	\$960,000	Kosmas	Nelson (FL)
RDTE,A	Soldier Protection through Unmanned Ground Vehicles	\$1,200,000	Nye	
RDTE,A	Soldier Situational Awareness Wristband	\$1,120,000	Capuano	
RDTE,A	Solid Oxide Fuel Cell Powered Tactical Charger	\$960,000	Maffei	Schumer

RDTE,A	Solid State Processing of Titanium Alloys for Advanced Materiel Armaments	\$1,200,000	Kaptur; LaTourette	
RDTE,A	Specialized Compact Automated Mechanical Clearance Platform	\$3,200,000	Murphy, Patrick (PA)	
RDTE,A	Spectroscopic Materials Identification Center	\$1,600,000	Berry	Lincoln; Pryor
RDTE,A	Spinal Cord Restoration Therapies	\$1,600,000	Hoyer; Cummings; Ruppersberger	Cardin
RDTE,A	Spinal Muscular Atrophy Research Program	\$3,000,000	Pelosi; Nadler; Rangel	Schumer
RDTE,A	Spinel Transparent Armor Production Technology	\$800,000	Ruppersberger	Cardin; Mikulski
RDTE,A	Squad Mission Support System (SMSS)	\$1,600,000		Cornyn
RDTE,A	Stabilized Enzyme Biofuel Cell (SEBC) for Unmanned Ground Sensors	\$1,200,000		Bond
RDTE,A	Stabilized Hemoglobin Wound Healing Development	\$1,200,000	Herseth Sandlin	Johnson; Thune
RDTE,A	Standard Ground Station—Enhancement Program	\$2,000,000	Lance; Rothman	
RDTE,A	Standoff Hazardous Agent Detection and Evaluation System	\$8,500,000	Berry	Lincoln; Pryor
RDTE,A	Standoff Improvised Explosive Detection Program	\$4,800,000	Boyd; Berry; Brown, Corrine (FL); Hirono; Meek	Akaka; Lincoln; Nelson (FL); Pryor
RDTE,A	Standoff Sensors, Detection of Explosives and Explosive Devices (IEDs)	\$3,200,000	Kennedy; Langevin; Tsongas	Kerry; Kirk; Whitehouse
RDTE,A	Staph Vaccine	\$6,400,000		Conrad; Dorgan
RDTE,A	Stress Disorders Research Initiative at Fort Hood	\$2,400,000	Edwards (TX)	
RDTE,A	Superior Weapons Systems through Castings	\$1,600,000		Brownback; Roberts
RDTE,A	Superlattice Semiconductors for Mobile SS Lighting and Solar Power Applications	\$2,800,000	Hinchey	Schumer
RDTE,A	SupportNet for Frontline Providers	\$2,400,000	Lamborn; Perlmutter; Salazar	Udall (CO)
RDTE,A	Surveillance Augmentation Vehicle	\$1,200,000	Childers	Cochran; Wicker

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Sustainable Alternative Energy	\$2,000,000	Obey	
RDTE,A	Swarms Defense System	\$2,400,000	Aderholt	Shelby
RDTE,A	Synchrotron-Based Scanning Research Neuroscience and Proton Institute	\$6,000,000	Lewis (CA)	
RDTE,A	Tactical Cogeneration System	\$2,400,000	Hastings (WA)	Murray
RDTE,A	Tactical Metal Fabrication System (TacFab)	\$800,000	Turner; Adler; Andrews; Cole; Lance; Markey (MA); Ryan (OH); Tsongas	Inhofe; Kerry; Lautenberg; Menendez
RDTE,A	Tactical Overwatch High Altitude System	\$800,000	Griffith	
RDTE,A	Tactical UAV, Heavy Fuel Engine	\$1,600,000	Aderholt; Wilson (SC)	Graham; Shelby
RDTE,A	Tamper Proof Organic Packaging as Applied to Remote Armament Systems	\$4,800,000	Hinchey	Schumer
RDTE,A	Techniques to Manage Noncompressible Hemorrhage Following Combat Injury	\$2,000,000	Smith (TX); Carter; Gonzalez; Rodriguez	
RDTE,A	Technologies for Military Equipment Replenishment	\$1,600,000	Obey	Kohl
RDTE,A	Technology Development at the Quad Cities Manufacturing Laboratory	\$5,040,000	Hare	Grassley
RDTE,A	Technology for Rapid Foreign Language Acquisition for Specialized Military Intelligence Purposes	\$1,600,000		Gregg; Shaheen
RDTE,A	Technology Solutions for Brain Cancer Detection and Treatment	\$1,200,000	Cohen	
RDTE,A	Telepharmacy Robotic Medicine Device Unit	\$800,000	Brady (PA)	Casey; Specter
RDTE,A	Terahertz Sensing and Imaging Technology	\$1,600,000	Boozman	Lincoln; Pryor

RDTE,A	Testing of Microneedle Device for Multiple Applications	\$960,000	Baldwin	
RDTE,A	The Center for Neuroprosthetics and BioMEMS	\$1,600,000	McGovern	Kerry; Kirk
RDTE,A	Threat Detection and Neutralization	\$3,200,000	Mollohan	
RDTE,A	Tire to Track Transformer System for Light Vehicles	\$1,600,000	Peterson	Klobuchar
RDTE,A	Titanium Extraction, Mining and Process Engineering Research	\$4,800,000	Rehberg	Baucus; Tester
RDTE,A	Titanium Powder Advanced Forged Parts Program	\$3,040,000	Murtha	
RDTE,A	Transitioning Stretch Broken Carbon Fiber to Production Programs	\$3,200,000	Aderholt; Bishop (UT)	Bennett; Hatch
RDTE,A	Translational Research for Muscular Dystrophy	\$1,600,000	Michaud; Pingree (ME)	
RDTE,A	Transportable Renal Replacement Therapy for Battlefield Applications	\$800,000	Altmire	
RDTE,A	Trauma Care, Research and Training	\$2,400,000		Hutchison
RDTE,A	Trauma Response Simulation Training	\$1,200,000	Boswell	Harkin
RDTE,A	Treatment of Battlefield Spinal Cord and Burn Injuries	\$360,000	Wu; Baird; Blumenauer; Schrader	Merkley; Murray; Wyden
RDTE,A	Tungsten Heavy Alloy Penetrator and Warhead Development	\$1,200,000	Carney	Specter
RDTE,A	Turbo Fuel Cell Engine	\$3,200,000	Murtha	
RDTE,A	UH-60 Aviation Software Performance Assessment Test Bed	\$5,690,000		Sessions; Shelby
RDTE,A	UH-60 Transmission / Gearbox Galvanic Corrosion Reduction	\$1,500,000	Kissell	Burr; Hagan
RDTE,A	Ultra Light Metallic Armor	\$800,000	Costello	Burris
RDTE,A	Ultra Light Weight Transmissions	\$1,600,000	Schauer	Levin; Stabenow
RDTE,A	Ultra Wideband Active RF Detection of IEDs	\$1,760,000		Tester
RDTE,A	Ultrasonic Impact Technology	\$2,000,000		Shelby

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,A	Understanding Blast Induced Brain Injury	\$2,400,000	Fortenberry	Nelson (NE)
RDTE,A	Universal Control	\$7,200,000	Larson (CT)	Dodd; Lieberman
RDTE,A	University Center for Disaster Preparedness and Emergency Response	\$1,200,000	Pallone; Holt	
RDTE,A	University of Miami Ryder Trauma Center/William Lehman Injury Research Center	\$3,200,000	Diaz-Balart, Lincoln (FL)	
RDTE,A	Unmanned Aerial Systems Ground Based Sense and Avoid Capability Development for Integration into the National Air Space	\$2,880,000		Shelby
RDTE,A	Unmanned Aerial Vehicle Resupply (UAVR)—BURRO	\$3,200,000	Larson (CT)	Dodd; Lieberman
RDTE,A	Unmanned Ground Vehicle Initiative	\$11,000,000		Levin
RDTE,A	Unmanned Robotic System Utilizing a Hydrocarbon Fueled Solid Oxide Fuel Cell System	\$2,400,000	Dingell	Levin; Stabenow
RDTE,A	Unmanned System Algorithm Development	\$3,200,000	Mollohan	
RDTE,A	Unserviceable Ammunition Demilitarization via Chemical Dissolution at Tooele Army Depot	\$1,600,000	Bishop (UT)	Bennett; Hatch
RDTE,A	US Army Vascular Graft Research Project	\$1,600,000	Rehberg	Baucus; Tester
RDTE,A	Vanadium Safety Readiness	\$3,360,000	Dahlkemper; Paul; Space	
RDTE,A	Vanadium Technology Program	\$2,400,000	Wilson (SC)	
RDTE,A	Vectored Thrust Ducted Compound Helicopter	\$5,000,000		Carper; Casey; Cochran; Kaufman; Specter
RDTE,A	Vehicle Systems Engineering and Integration Activities	\$8,000,000		Levin

RDTE,A	VePro—Health Usage Monitoring and Vehicle Prognostics	\$2,880,000	Childers; Harper	Cochran; Levin; Wicker
RDTE,A	Vibration Management Enhancement Program	\$2,400,000		Feinstein
RDTE,A	Video Compression Technology	\$1,400,000	Holt	
RDTE,A	Vision Integrating Strategies in Ophthalmology and Neurochemistry	\$3,200,000	Granger	Cornyn
RDTE,A	Visualization for Training and Simulation in Urban Terrains at Fort Knox	\$1,200,000		McConnell
RDTE,A	Voice Recognition and Cross Platform Speech Interface System	\$2,000,000	Shuster	
RDTE,A	VSIL: Armored Vehicle Components and Systems Simulated In Cost-Effective Virtual Design and Test Environment	\$3,200,000		Levin; Stabenow
RDTE,A	VTOL Man-Rated UAV and UGV for Medical Multi-Missions and CASEVAC	\$800,000	Harman	
RDTE,A	Waterside Wide Area Tactical Coverage and Homing	\$3,200,000	Aderholt	
RDTE,A	Westchester County Medical Center Health Imaging Upgrades	\$1,200,000	Lowey	Schumer
RDTE,A	Wireless HUMS for Condition Based Maintenance of Army Helicopters	\$1,600,000	Rothman	Lautenberg; Menendez
RDTE,A	Wireless Medical Monitoring System	\$2,400,000	Boswell; Latham; Miller, Gary (CA)	Grassley; Harkin
RDTE,A	Womens Cancer Genomics Center	\$2,400,000	McCarthy (NY); Lowey	Schumer
RDTE,A	Wounded Servicemember Bioelectronics Research	\$1,200,000	Nye	Warner; Webb
RDTE,A	Zinc-Flow Electrical Energy Storage	\$2,000,000	Johnson (IL)	
RDTE,A	Zouline Armor	\$3,360,000		Bond
RDTE,A	Zumwalt National Program for Countermeasures to Biological and Chemical Threats	\$1,200,000	Neugebauer	
RDTE,AF	3D Bias Woven Perform Development	\$2,400,000	Schwartz; Gerlach; Sestak	Specter
RDTE,AF	Accelerated Insertion of Advanced Materials and Certification for Military Aircraft Structure Material Substitution and Repair	\$2,000,000	Tiahrt	Brownback; Roberts

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,AF	Accelerator-Driven Non-Destructive Testing	\$2,000,000	Simpson	Crapo; Risch
RDTE,AF	ACES 5 Ejection Seat	\$1,920,000	Lamborn; Pastor (AZ); Tauscher	Bennett; Burr; Cochran; Dodd; Hatch; Lieberman; Wicker
RDTE,AF	Advance Propulsion Non-Tactical Vehicle	\$1,600,000	Massa	Bingaman; Schumer; Udall (NM)
RDTE,AF	Advanced Aerospace Carbon Foam Heat Exchangers	\$3,200,000	Wilson (OH)	Voinovich
RDTE,AF	Advanced Deformable Mirrors for High Energy Laser Weapons	\$1,600,000	Heinrich	Bingaman; Udall (NM)
RDTE,AF	Advanced Electromagnetic Location of IEDs Defeat System	\$1,200,000	Kaptur	
RDTE,AF	Advanced Electronic Components for Sensor Arrays	\$2,400,000	Young (FL)	
RDTE,AF	Advanced Fast Steering Mirror Applications for 3-D LADAR in LITENING Pod	\$1,600,000		Conrad; Dorgan
RDTE,AF	Advanced Fiber Lasers Systems and Components	\$3,200,000		Murray
RDTE,AF	Advanced Integrated Microsystems for Military Electronic Systems	\$2,480,000		Cochran; Wicker
RDTE,AF	Advanced Lithium Battery Scale-up and Manufacturing	\$1,600,000	Scott (GA); Bishop (GA); Johnson (GA)	Chambliss
RDTE,AF	Advanced Modular Avionics for Operationally Responsive Satellite Use	\$2,480,000	Heinrich	Bingaman; Udall (NM)
RDTE,AF	Advanced Night Vision System—Cockpit Integration	\$800,000		Murray
RDTE,AF	Advanced Tactical Laser	\$2,240,000		Bingaman; Udall (NM)
RDTE,AF	Advanced Technical Intelligence Center (ATIC)	\$5,200,000	Turner	Brown; Voinovich

RDTE,AF	Advanced Vehicle Propulsion Center	\$2,400,000	McKeon	
RDTE,AF	Aerospace Lab Equipment Upgrade	\$1,200,000	Napolitano	
RDTE,AF	Aerospace Laser Micro Engineering Station	\$800,000	Wittman; Nye; Scott (VA)	
RDTE,AF	AFRL Edwards Rocket Test Stand 2-A Technical Improvements	\$3,200,000	McCarthy (CA)	Feinstein
RDTE,AF	AFRL Seismic Research Program	\$5,000,000	Markey (MA)	Kerry; Kirk; Leahy
RDTE,AF	Air Force Minority Leaders Program	\$4,800,000	Abercrombie	Alexander; Corker; Hutchison; Landrieu
RDTE,AF	Aircraft Evaluation Readiness Initiative	\$2,400,000	Latham	Grassley; Harkin
RDTE,AF	ALC Logistics Integration Environment	\$800,000	Shuster	
RDTE,AF	Algal Biofuels for Aviation	\$2,400,000	Teague	Bingaman; Udall (NM)
RDTE,AF	Algal-Derived Jet Fuel for Air Force Applications	\$2,700,000	LaTourette	
RDTE,AF	Applications of LIDAR to Vehicles with Analysis	\$6,000,000		Inouye
RDTE,AF	Assessment of Alternative Energy for Aircraft Ground Equipment (AGE)	\$1,600,000	Wu	Merkley; Wyden
RDTE,AF	AT-6B Demonstration for ANG	\$7,000,000	Tiahrt	Brownback; Roberts
RDTE,AF	Automated Processing of Advanced Low Observables (RAPALO)	\$1,200,000		Brown
RDTE,AF	B-1 AESA Radar Operational Utility Evaluation	\$2,000,000	Herseth Sandlin	Johnson; Thune
RDTE,AF	B-2 Advanced Tactical Data Link	\$9,600,000	McKeon	Feinstein
RDTE,AF	B-52 Tactical Data Link Capability	\$6,000,000	Tiahrt	Brownback; Roberts
RDTE,AF	Backpack Medical Oxygen System (BMOS)	\$800,000	Akin	Bond
RDTE,AF	Ballistic Missile Technology	\$1,600,000	Young (FL)	Nelson (FL)
RDTE,AF	Base Facility Energy Independence, Stewart Air National Guard Base	\$4,000,000	Hinchey	Schumer

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,AF	BATMAV Program Miniature Digital Data Link	\$1,600,000	Young (FL)	
RDTE,AF	Big Antennas Small Structures Efficient Tactical UAV	\$1,600,000	Harman	
RDTE,AF	Bio-JP8 Fuel Development	\$4,000,000	Boyd	Nelson (FL)
RDTE,AF	Biometric Signature and Passive Physiological Monitoring	\$5,000,000	Berkley	Reid
RDTE,AF	Body Armor Improved Ballistic Protection, Research and Development	\$1,760,000	Murtha	
RDTE,AF	CAD / CAM Aircraft Structural Overhaul Work Center	\$2,500,000	Bishop (UT)	Bennett
RDTE,AF	Carbon Nano-Materials for Advanced Aerospace Applications	\$800,000	Culberson	
RDTE,AF	Carbon Nanotube Enhanced Power Sources for Space	\$1,600,000	Markey (MA)	Kerry
RDTE,AF	Center for Solar Electricity and Hydrogen	\$4,000,000	Kaptur	
RDTE,AF	Center for Space Entrepreneurship	\$1,600,000	Polis	
RDTE,AF	Center for UAS Research, Education and Training	\$6,400,000	Pomeroy	Conrad; Dorgan
RDTE,AF	Close Proximity Space Situational Awareness	\$800,000	Edwards (TX)	
RDTE,AF	Coal Transformation Laboratory	\$800,000		Lugar
RDTE,AF	Command and Control Service Level Management (C2SLM) Program	\$3,200,000	Blunt	
RDTE,AF	Conducting Polymer Stress and Polymer Damage Sensors for Composites	\$2,880,000		Cochran; Wicker
RDTE,AF	Consortium for Nanomaterials for Aerospace Commerce and Technology (CONTACT)	\$3,200,000	Culberson	Hutchison

RDTE,AF	Corrosion Detection and Visualization Program	\$800,000	Smith (WA)	Murray
RDTE,AF	COTS Technology for Space Command and Control	\$3,200,000	Gerlach	Specter
RDTE,AF	Cyber Attack and Security Environment	\$4,000,000	McHugh; Arcuri	Gillibrand; Schumer
RDTE,AF	Cyber Innovation Center (CIC) Research and Development Seed Fund	\$800,000		Landrieu; Vitter
RDTE,AF	Cyber Security Research Program / Cyber Security Laboratory	\$1,200,000	Alexander	Landrieu
RDTE,AF	Cybersecurity of Security Control Networks	\$1,700,000	Terry	Nelson (NE)
RDTE,AF	Demonstration and Validation of Renewable Energy Technology	\$800,000	Bishop (GA)	
RDTE,AF	Development and Testing of Advanced Hybrid Rockets for Space Applications	\$2,800,000	Lofgren	
RDTE,AF	Development and Validation of Advanced Design Technologies for Hypersonic Research	\$1,600,000		Klobuchar
RDTE,AF	Development of Deployable Biosensors	\$1,600,000		Reid
RDTE,AF	Development of Mobile Wind Turbine Systems to Power Forward Bases	\$1,200,000		Brown
RDTE,AF	Distributed Mission Interoperability Toolkit (DMIT)	\$3,200,000	LoBiondo; Andrews; Sestak	
RDTE,AF	Domestic Manufacturing of 45nm Electronics	\$3,200,000	Simpson	Crapo; Risch
RDTE,AF	Eagle Vision III Upgrades	\$4,800,000		Boxer; Feinstein
RDTE,AF	Efficient Utilization of Transmission Hyperspace	\$2,000,000	Arcuri	Schumer
RDTE,AF	Eglin AFB Range Operations Control Center	\$2,000,000	Miller (FL)	
RDTE,AF	Electromagnetic Battlespace Management	\$1,600,000	Edwards (TX)	
RDTE,AF	EMI Grid Fabrication Technology	\$2,400,000	Bono Mack	
RDTE,AF	Energy and Sensor Informatics Research and Translation	\$800,000	Lee (NY)	Schumer
RDTE,AF	Energy Efficiency, Recovery and Generation (ENERGY)	\$1,000,000	Herseth Sandlin	Johnson; Thune

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,AF	Energy Superior Lithium Battery Technology for Defense Applications	\$1,600,000		Bond
RDTE,AF	Engine Health Management Plus Data Repository Center	\$2,400,000	Murtha	
RDTE,AF	F-15C AESA Classified Demo	\$8,000,000	Harper	Cochran; Wicker
RDTE,AF	Fine Water Mist Fire Suppression Technology to Replace Halon	\$2,000,000	Boyd	Nelson (FL)
RDTE,AF	Fire and Blast Resistant Materials for Force Protection	\$3,200,000		Kerry; Kirk; Kohl
RDTE,AF	FLASH Hyper-Dimensional Imaging for Near Space Surveillance and Ballistic Missile Defense	\$2,000,000		Akaka; Inouye
RDTE,AF	Florida National Guard Total Force Integration	\$2,400,000	Young (FL)	
RDTE,AF	Frank R. Seaver Science and Engineering Initiative	\$1,760,000	Waters	
RDTE,AF	Freedom Fuels/ Coal Fuel Alliance	\$3,920,000	Davis (KY)	Bunning
RDTE,AF	Gallium Nitride (GaN) Microelectronics and Materials	\$1,600,000	Coble	Hagan
RDTE,AF	GAPS/ AWS Horizontal Integration	\$4,000,000	Murtha	
RDTE,AF	Global UAS Networking and Interoperability System (GUNIS)	\$4,000,000		Murray
RDTE,AF	Hawaii Microalgae Biofuel Project	\$3,520,000	Hirono	Inouye
RDTE,AF	High Accuracy Network Determination System—Intelligent Optical Network for Space Situational Awareness	\$5,000,000	Abercrombie	Inouye
RDTE,AF	High Bandwidth, High Energy Storage, Exawatt Laser Glass Development	\$2,800,000	Kanjorski	
RDTE,AF	High Energy Li-Ion Technology for Aviation Batteries	\$1,200,000	Bishop (GA)	Chambliss; Isakson

RDTE,AF	High Pressure Pure Air Generator System	\$1,600,000	Frelinghuysen	
RDTE,AF	High Temperature Hydrogen Energy Production Facility	\$800,000		Hutchison
RDTE,AF	Holloman High Speed Test Track	\$5,000,000	Teague	Bingaman; Udall (NM)
RDTE,AF	Hybrid Bearings	\$800,000	Shuler; Coble; Wilson (OH)	Dodd; Gregg; Hagan; Lieberman; Shaheen
RDTE,AF	Hybrid Materials Integration (HMI)	\$2,000,000	Kilroy	Brown; Voinovich
RDTE,AF	Hybrid Nanoparticle-based Coolant Technology Development and Manufacturing	\$800,000	Dent	
RDTE,AF	Imaging Tools for Human Performance Enhancement and Diagnostics	\$1,600,000		Voinovich
RDTE,AF	Information Quality Tools for Persistent Surveillance Data Sets	\$1,440,000	Snyder	Lincoln; Pryor
RDTE,AF	Institute for Science and Engineering Simulation / Aircraft Fatigue Modeling and Simulation	\$3,600,000	Burgess	Hutchison
RDTE,AF	Integrated Engine Starter /Generator	\$1,600,000	Turner	Brown; Voinovich
RDTE,AF	Integrated Passive Electronic Components	\$1,360,000	Simpson	Crapo; Risch
RDTE,AF	Integrated Propulsion Analysis and Spacecraft Engineering Tools (IPAT / ISET)	\$4,800,000	Lewis (CA)	
RDTE,AF	Inter-Base Facility Energy Independence	\$2,400,000	Kaptur	
RDTE,AF	Large Area, APVT Materials Development for High Power Devices	\$1,600,000	Frelinghuysen	Lautenberg; Menendez
RDTE,AF	Laser Peening for Friction Stir Welded Aerospace Structures	\$1,600,000	Tiaht	Roberts
RDTE,AF	LGX High Temperature Acoustic Wave Sensors	\$1,600,000	Michaud; Pingree (ME)	Collins; Snowe
RDTE,AF	Lightning Protection of Composites	\$3,000,000		Brownback
RDTE,AF	Long-Loiter, Load Bearing Antenna Platform for Pervasive Airborne Intelligence	\$4,000,000	Blunt	
RDTE,AF	Low-Defect Density Gallium Nitride Materials for High-Performance Electronic Devices	\$2,800,000	Price (NC)	
RDTE,AF	Low-Earth Orbit Nanosatellite Integrated Defense Autonomous Systems (LEONIDAS)	\$4,750,000		Inouye

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,AF	Materials Integrity Management Research for the Air Force	\$3,000,000		Roberts
RDTE,AF	Maui Space Surveillance System Operations and Research	\$19,500,000		Inouye
RDTE,AF	Methanol Fuel Cell Development for USAF Battlefield Renewable Integrated Tactical Energy System (BRITES)	\$2,400,000	Tauscher	Feinstein
RDTE,AF	Micromachined Switches for Next Generation Modular Satellites	\$2,400,000	Miller, George (CA)	
RDTE,AF	Micro-Satellite Serial Manufacturing to Include Academic Outreach Educational Program	\$1,200,000	Harman	
RDTE,AF	Mid-IR Laser Materials	\$800,000		Lautenberg; Menendez
RDTE,AF	Military Waste-to-Energy Project using the Hydro-Thermal Energy Conversion (Hy-TEC) Process	\$1,600,000		Johnson; Thune
RDTE,AF	Minuteman III Advanced Third Stage Domestic Fiber Motor Case Development	\$2,400,000	Lungren	
RDTE,AF	Mission Design and Analysis Tool	\$1,600,000	Kingston	
RDTE,AF	Mitigating RoHS Lead-Free Issues in Aerospace Circuit Board Manufacturing	\$800,000	Kaptur; Sutton	Voinovich
RDTE,AF	Mobile Laser Systems for Aircraft Structures (MLSAS)	\$800,000		Voinovich
RDTE,AF	MPOI for Battlespace Information Exchange	\$2,900,000		Reid
RDTE,AF	Multi Sensor Detect, Sense and Avoid (MSDSA)	\$3,200,000		Reid
RDTE,AF	Multiband Realtime Hyperspectral Targeting Sensor	\$1,840,000	Hodes	Gregg; Shaheen
RDTE,AF	Multilingual Text Mining Platform for Intelligence Analysts	\$800,000	Lee (NY)	
RDTE,AF	Multi-Mode Propulsion Phase IIA: High Performance Green Propellant	\$1,600,000	Kratovil	

RDTE,AF	Multiple UAS Cooperative Concentrated Observation and Engagement Against a Common Ground Objective	\$1,600,000	Bartlett	
RDTE,AF	National Test Facility for Aerospace Fuels Propulsion	\$1,312,000	Buyer	
RDTE,AF	Net-Centric Sensor Grids	\$2,400,000	Hill	Lugar
RDTE,AF	Next Generation Casting Initiative	\$4,000,000	Blumenauer	Levin; Reid; Stabenow
RDTE,AF	Next Generation Simulation Training for Pararescue Forces	\$1,600,000	Rehberg	Baucus; Tester
RDTE,AF	Next Generation Solar Electric In-Space Propulsion	\$800,000	Inslee	Murray
RDTE,AF	Nuclear Enterprise Surety Tracking	\$4,000,000	Fleming	
RDTE,AF	ONAMI Safer Nanomaterials and Nanomanufacturing	\$3,520,000	DeFazio; Blumenauer; Schrader; Walden; Wu	Merkley; Wyden
RDTE,AF	On-Chip Integrated Photonic Polymer Transceiver	\$4,500,000		Murray
RDTE,AF	Open Source Research Centers	\$1,000,000	Turner	
RDTE,AF	P5CTS Equipment for the MT Joint Training Environment	\$3,000,000		Baucus
RDTE,AF	PanSTARRS	\$9,500,000		Inouye
RDTE,AF	Partnership for Energy and Automation Technologies	\$1,600,000	Duncan	Corker
RDTE,AF	Pennsylvania NanoMaterials Commercialization Center	\$800,000	Doyle	
RDTE,AF	Planar Lightwave Circuit Development for High Power Military Laser Applications	\$2,400,000	Lance; Rothman	Lautenberg; Menendez
RDTE,AF	P-Net Ballistic Missile Technology	\$2,000,000		Murkowski
RDTE,AF	Predator C	\$1,200,000	Bilbray; Hunter; McKeon	
RDTE,AF	Process Integrated Mechanism for Human-Computer Collaboration and Coordination	\$800,000	Stearns	
RDTE,AF	Production of Nanocomposites for Aerospace Applications	\$1,600,000	Turner	
RDTE,AF	RAND Project Air Force	\$1,600,000	Moran (VA)	Feinstein

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,AF	Rapid Small Satellite Development Test Facilities	\$1,600,000		Gregg
RDTE,AF	Real-time Optical Surveillance Applications	\$3,500,000		Inouye
RDTE,AF	Reconfigurable Electronics and Non-Volatile Memory Research	\$800,000		Crapo; Risch
RDTE,AF	Reconfigurable Secure Computing	\$1,600,000	Moran (VA)	Warner; Webb
RDTE,AF	Reconstitution of B-52 Nuclear Capability Study	\$2,400,000	Fleming	
RDTE,AF	Remote Language-Independent Suspect Identification	\$2,560,000	Alexander	Landrieu
RDTE,AF	Renewable Hydrocarbon Fuels for Military Applications	\$2,000,000	Kucinich; Kaptur	Brown
RDTE,AF	Rivet Joint Services Oriented Architecture	\$2,000,000	Hall (TX)	
RDTE,AF	Safeguarding End-User Military Software	\$4,000,000	Fortenberry	Nelson (NE)
RDTE,AF	Senior Scout Communications Intelligence (COMINT) Capability Upgrade	\$2,400,000	Andrews; LoBiondo	
RDTE,AF	Sewage-Derived Biofuels Project	\$3,840,000		Cochran; Wicker
RDTE,AF	SiC—RF Power for Airborne Avionics Systems	\$1,600,000		Merkley; Wyden
RDTE,AF	Silicon Carbide Electronics Material Producibility Initiative	\$5,040,000	Harper	Cochran; Wicker
RDTE,AF	Silicon Carbide Power Modules for the F-35 Joint Strike Fighter	\$2,400,000	Boozman	Lincoln; Pryor
RDTE,AF	Small Responsive Spacecraft at Low-Cost	\$2,400,000	Bishop (UT)	
RDTE,AF	Small Turbofan Versatile Affordable Advanced Turbine Engine Program	\$3,200,000	Pastor (AZ)	

RDTE,AF	Space Sensor Data Link Technology	\$4,800,000		Bennett
RDTE,AF	Space Situational Awareness	\$4,000,000	Markey (MA)	Kerry; Kirk
RDTE,AF	Split Discharge Variable Delivery Pump for Military Aircraft	\$1,600,000		Dodd
RDTE,AF	Strategic Biofuels Supply System	\$1,600,000	Rodriguez	Cornyn
RDTE,AF	Sustainable Energy Vermont National Guard	\$4,000,000		Sanders
RDTE,AF	Synthetic Liquid Fuels	\$2,400,000	Young (AK)	
RDTE,AF	Technical Order Modernization Environment	\$1,200,000	Kaptur	
RDTE,AF	Temperature Resistant Landing Pad Jet Blast Protection	\$800,000		Casey; Specter
RDTE,AF	Texas Research Institute for Environmental Studies	\$800,000	Rodriguez	
RDTE,AF	Thermal and Energy Management for Aerospace	\$3,200,000	Manzullo	Burris; Durbin
RDTE,AF	Thunder Radar Pod	\$1,600,000	Blunt	Bond
RDTE,AF	Transportable Transponder Landing System	\$2,400,000		Merkley; Wyden
RDTE,AF	UAV Sensor and Maintenance Development Center	\$3,920,000	Bishop (UT)	Hatch
RDTE,AF	Ultra-High Temperature Materials for Hypersonic Aerospace Vehicles	\$2,400,000	Emerson	
RDTE,AF	Unmanned Aerial System Exploitation	\$3,500,000		Voinovich
RDTE,AF	Unmanned Aerial Systems Mission Planning and Operation Center	\$2,800,000	Moran (KS)	
RDTE,AF	Unmanned Sense, Track, and Avoid Radar	\$1,600,000	Lamborn	
RDTE,AF	Watchkeeper	\$1,600,000	Rehberg	
RDTE,AF	Water for Injection and Air Purification with Carbon Nanotube Nanostructured Material	\$2,940,000		Leahy
RDTE,AF	Wavelength Agile Spectral Harmonic Oxygen Sensor and Cell-Level Battery Controller	\$1,200,000	Dreier	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,AF	Wire Integrity Technology	\$1,600,000	Marshall; Bishop (GA)	
RDTE,DW	3-D Electronics and Power	\$4,800,000	Calvert	
RDTE,DW	3-D Technology for Advanced Sensor Systems	\$2,000,000	Simpson	Crapo; Risch
RDTE,DW	Active Duty Training and Education Program	\$2,000,000	Clyburn	
RDTE,DW	Advance Detection of Special Nuclear Materials	\$2,000,000		Lugar
RDTE,DW	Advanced Battery Technology	\$1,600,000	Young (FL)	
RDTE,DW	Advanced Composite Radome	\$3,200,000		Gregg
RDTE,DW	Advanced Decision Support System	\$2,000,000	Rothman; Payne	Menendez
RDTE,DW	Advanced Development of Antiviral Prophylactics and Therapeutics	\$3,000,000	Pelosi	
RDTE,DW	Advanced Development of Mobile Rapid Response Prototypes	\$2,400,000	Rothman	Lautenberg; Menendez
RDTE,DW	Advanced Distributed Aperture System (ADAS)/Hostile Fire Indicating System (HFIS)	\$1,040,000		Hutchison
RDTE,DW	Advanced Materials Research Institute (AMRI)	\$800,000		Landrieu; Vitter
RDTE,DW	Advanced SAM Hardware Simulator Development	\$4,000,000	Bishop (GA); Johnson (GA); Scott (GA)	Chambliss; Isakson
RDTE,DW	Advanced Scientific Missile Intelligence Preparation of the Battlespace	\$2,000,000	Griffith	
RDTE,DW	Advanced Technologies Sensors and Payloads / Unattended SIGINT Node	\$4,800,000	Lewis (CA)	
RDTE,DW	Advanced, Long Endurance Unattended Ground Sensor Technologies	\$3,920,000	Harper; Childers; Taylor	Cochran; Wicker

RDTE,DW	AELED IED/WMD Electronic Signature Detection	\$4,800,000	Murtha	
RDTE,DW	AESA Technology Insertion Program	\$2,400,000	Ackerman; McCarthy (NY)	Schumer
RDTE,DW	Affordable Miniature FOPEN Radar for Special Operations Craft—Riverine	\$2,800,000	Murtha	
RDTE,DW	Affordable Robust Mid-Sized Unmanned Ground Vehicle	\$1,600,000	Tsongas	
RDTE,DW	Agile Software Capability Intervention (ASCI)	\$1,200,000		Bond
RDTE,DW	Aging Systems Sustainment and Enabling Technologies	\$2,400,000	Lucas	Inhofe
RDTE,DW	Alternative Energy Study	\$1,400,000		Feinstein
RDTE,DW	Alternative SOF Submersible Concept Design Study	\$1,000,000	Scalise	Landrieu; Vitter
RDTE,DW	American Museum of Natural History Infectious Disease Research	\$1,200,000	Lowey; Nadler	Schumer
RDTE,DW	Antennas and other CNT Devices for Intelligence/Special Military	\$3,000,000		Bond
RDTE,DW	Anti-viral Vaccine Development	\$3,600,000	Latham	Grassley; Harkin
RDTE,DW	Armed Forces Health and Food Supply Research	\$4,000,000		Roberts
RDTE,DW	Army Plant Vaccine Development Program	\$1,600,000		Carper; Kaufman
RDTE,DW	ASIC Miniaturization for Lasers and Sensors Development	\$2,400,000		Leahy
RDTE,DW	Automated Sample Preparation for Biological Detection	\$800,000	Slaughter; Bartlett	Gillibrand; Schumer
RDTE,DW	Autonomous Control and Video Sensing for Robots	\$800,000	Lee (NY)	Schumer
RDTE,DW	Autonomous Machine Vision for Mapping and Investigation of Remote Sites	\$1,600,000	Davis (CA)	
RDTE,DW	Battle-Proven Packbot	\$1,200,000	Tierney	Kerry
RDTE,DW	BioButanol Production Research	\$2,000,000	Clyburn	
RDTE,DW	Biofuels Program	\$1,600,000		Levin

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,DW	Biological and Chemical Warfare Online Repository of Technical Holdings	\$2,000,000	Hastings (WA)	Murray
RDTE,DW	Biometric Optical Surveillance System	\$6,000,000	Guthrie	McConnell
RDTE,DW	BOPPER / COPPER—Bioterrorism Operations Policy for Public Emergency / Chemoterrorism Operations Policy for Public Emergency	\$1,000,000		Burr
RDTE,DW	Border Security and Defense Systems Research	\$1,600,000		Hutchison
RDTE,DW	Botulinum Neurotoxin Research	\$2,000,000	Baldwin	
RDTE,DW	Botulinum Toxin Treatment Therapy	\$800,000	Bishop (GA)	
RDTE,DW	Broad Spectrum Therapeutic Countermeasure to OP Nerve Agents	\$1,600,000	DeLauro	Dodd
RDTE,DW	California Enhanced Defense Small Manufacturing Suppliers Program	\$1,600,000	Roybal-Allard	
RDTE,DW	Carbon Nanotube Thin Film Near Infrared Detector	\$1,600,000	Lewis (CA)	
RDTE,DW	CBRN Detection Unmanned Aircraft	\$1,600,000	Young (FL)	
RDTE,DW	Cellulosic-Derived Biofuels Research	\$2,400,000	Chandler	
RDTE,DW	Center for Education and Research on Corrosion and Materials Performance	\$1,600,000	Ryan (OH); Sutton	Brown
RDTE,DW	Center for Innovation at Arlington	\$2,700,000		Hutchison
RDTE,DW	Center for Intelligence and Security Studies	\$2,400,000		Cochran; Wicker
RDTE,DW	Center for Nonproliferation Studies, Monterey Institute for International Affairs	\$1,600,000	Berman	
RDTE,DW	Center for Research on Minority Health Prostate Cancer Outreach Project	\$800,000	Jackson-Lee (TX); Green, Al (TX)	

RDTE,DW	Center of Excellence for Research in Ocean Sciences (CEROS)	\$8,000,000		Inouye
RDTE,DW	Chemical and Biological Agent Fate Appropriate Response Operational Tool	\$1,600,000	Kildee	Levin; Stabenow
RDTE,DW	Chemical and Biological Defense Program—Advanced Development	\$2,000,000	Baldwin	
RDTE,DW	Chemical and Biological Infrared Detection System	\$1,900,000		Collins
RDTE,DW	Chemical and Biological Resistant Clothing	\$1,600,000	Sestak; Gerlach	Casey; Specter
RDTE,DW	Chemical and Biological Threat Reduction Coating	\$2,400,000	Barrett	
RDTE,DW	Commodity Management Systems Consolidation Program	\$1,600,000		Byrd
RDTE,DW	Comprehensive and Integrated Procedures for Risk Assessment and Resource Allocation	\$2,000,000	Brady (PA)	
RDTE,DW	Comprehensive Maritime Domain Awareness	\$3,200,000	Young (FL)	
RDTE,DW	Contaminated Human Remains Pouch	\$1,600,000		Brownback; Roberts
RDTE,DW	Continuous Acquisition and Life-Cycle Support (CALS) Integrated Data Environment and Defense Logistics Enterprise Services Program (DLES)	\$3,200,000		Byrd
RDTE,DW	Copper-base Casting Technology Applications	\$1,600,000	Perlmutter	
RDTE,DW	Corrosion Resistant Ultrahigh-Strength Steel for Landing Gear	\$1,600,000	Schakowsky	
RDTE,DW	Corrosion Training Simulation Program	\$1,200,000	Oberstar	Klobuchar
RDTE,DW	Countermeasures to Chemical and Biological Controls—Rapid Response	\$2,800,000	Young (FL)	Nelson (FL)
RDTE,DW	Countermeasures to Combat Protozoan Parasites (Toxoplasmosis and Malaria)	\$1,600,000	Young (FL)	
RDTE,DW	Counterproliferation Analysis and Planning System	\$4,000,000	McNerney; Tauscher	
RDTE,DW	Covert Sensing and Tagging System	\$1,200,000		Akaka; Inouye
RDTE,DW	Covert Waveform for Software Defined Radios	\$2,800,000	Gingrey (GA)	Isakson
RDTE,DW	Cybersecurity and Operational Identity Management	\$1,600,000	Farr	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,DW	Detection and Remediation of Bio/Chemical Weapons Program	\$2,000,000	Clyburn	
RDTE,DW	Disaster Response: Communications and Other Infrastructure Restoration	\$4,000,000		Crapo; Risch
RDTE,DW	Distributed Network Switching and Security	\$1,600,000	Sanchez, Loretta (CA)	
RDTE,DW	DLA VetBiz Initiative for National Sustainment	\$800,000	Sarbanes	
RDTE,DW	Dynamic Data Flow Management System	\$1,600,000	Pomeroy	Conrad; Dorgan
RDTE,DW	EC-130J Multi-Mission Upgrades	\$4,000,000		Specter
RDTE,DW	Electric Grid Reliability/ Assurance	\$800,000		Crapo; Risch
RDTE,DW	Electronics and Materials for Flexible Sensors and Transponders (EMFST)	\$4,800,000	Pomeroy	Conrad; Dorgan
RDTE,DW	Emergency Egress System	\$1,600,000		Leahy
RDTE,DW	End to End Semi Fab Alpha Tool	\$1,600,000	Sanchez, Loretta (CA)	
RDTE,DW	Enhanced Simulation for Information Operations Capabilities	\$4,720,000		Cochran
RDTE,DW	Enhancement of Geo-location Systems	\$3,200,000	Posey	
RDTE,DW	Environmentally Friendly Nanometal Electroplating Processes for Cadmium and Chromium Replacement	\$3,000,000	Obey	
RDTE,DW	Expeditionary Surveillance and Reconnaissance Program	\$4,000,000		Byrd
RDTE,DW	Facility Security Using Tactical Surveys	\$3,600,000	Lewis (CA)	
RDTE,DW	Feature Size Yield Enhancement Advanced Reconfigurable Manufacturing for Semiconductors Foundry	\$2,400,000	Lungren; Matsui	

RDTE,DW	Field Experiment Program for Special Operations	\$1,600,000	Farr	
RDTE,DW	FirstLink Technology Transfer Program	\$2,400,000	Murtha.	
RDTE,DW	Flashlight Soldier-to-Soldier Combat Identification System	\$4,500,000	Granger; Rodriguez	Cornyn
RDTE,DW	Fuel Cell Hybrid Battery Manufacturing for Defense Operations	\$800,000		Cardin; Mikulski
RDTE,DW	Fuelcell Locomotive	\$2,400,000		Brownback
RDTE,DW	Future Dry Deck Shelter	\$4,400,000	Courtney; Kennedy	Dodd; Lieberman; Reed
RDTE,DW	GMTI Radar for Class II UAVs	\$800,000	Moran (VA)	
RDTE,DW	Gulf Range Mobile Instrumentation Capability	\$2,400,000	Miller (FL)	
RDTE,DW	Hand-Held Apparatus for Mobile Mapping and Expedited Reporting	\$2,800,000	Murtha	Casey
RDTE,DW	Hand-held, Lethal Small Unmanned Aircraft System	\$1,000,000	Dreier	
RDTE,DW	Hawaii Advanced Laboratory for Information Integration	\$2,000,000		Inouye
RDTE,DW	Helicopter Cable Warning and Obstacle Avoidance	\$1,200,000	Harman	Isakson
RDTE,DW	Heterogeneous Gallium Nitride/Silicon Microcircuit Technology	\$1,600,000	Lungren	
RDTE,DW	High Efficiency Solar Energy Generation and Storage	\$800,000	Jackson-Lee (TX)	
RDTE,DW	High Performance Computational Design of Novel Materials	\$3,120,000		Cochran; Wicker
RDTE,DW	High Performance Tunable Materials—Combinatorial Development of Advanced Dielectrics	\$3,600,000	Pomeroy	Conrad; Dorgan
RDTE,DW	High Speed Optical Interconnects for Next Generation Supercomputing	\$1,200,000	Dent	Specter
RDTE,DW	High Speed, High Volume Laboratory Network for Infectious Disease	\$1,600,000		Boxer
RDTE,DW	Hydrogen Fuel Cell Research	\$4,000,000	Clyburn	
RDTE,DW	IASTAR Federal Information Security Management Act Compliance	\$1,600,000		Bond

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,DW	IdentClarity-Identity Resolution	\$1,440,000		Lincoln; Pryor
RDTE,DW	Improving Support to the Warfighter	\$7,000,000	Lewis (CA)	
RDTE,DW	Independent Advisory Group to Review Ballistic Missile Defense Training Needs	\$500,000	Lamborn	
RDTE,DW	Initiative to Advance Adaptive Petascale Supercomputing	\$8,000,000	Ruppersberger; Wu	Alexander; Corker
RDTE,DW	Inland Empire Perchlorate Remediation	\$3,500,000		Boxer
RDTE,DW	Institute for Collaborative Sciences Research	\$2,080,000	Diaz-Balart, Lincoln (FL); Meek; Wasserman Schultz	Nelson (FL)
RDTE,DW	Institute of Advanced Flexible Manufacturing Systems	\$7,000,000		Byrd
RDTE,DW	Integrated Analysis Environment	\$2,000,000	Moran (VA)	Warner; Webb
RDTE,DW	Integrated Cryo-cooled High Power Density Systems	\$3,200,000	Boyd	Nelson (FL)
RDTE,DW	Integrated Rugged Checkpoint Container	\$2,000,000	Taylor	Cochran; Wicker
RDTE,DW	Intelligence, Surveillance, and Reconnaissance Global Sensors Architecture	\$1,600,000	Young (FL)	
RDTE,DW	Intelligent Explosives Detection	\$3,200,000	Bartlett; Ruppersberger; Sarbanes	Cardin
RDTE,DW	Intelligent Remote Sensing for Urban Warfare Operations II	\$1,200,000	Sestak	Casey
RDTE,DW	InVitro Models for Biodefense Vaccines	\$1,520,000	Brown, Corrine (FL)	Nelson (FL)
RDTE,DW	Joint Gulf Range Complex Test and Training	\$2,400,000	Miller (FL)	

RDTE,DW	Joint Robotics Training Program	\$2,000,000	Clyburn	
RDTE,DW	Joint Services Aircrew Mask Don / Doff Inflight Upgrade	\$2,400,000	Castle	Carper; Kaufman
RDTE,DW	Laboratory for Advanced Photonic Composites Research	\$1,280,000	Barrett	
RDTE,DW	Laser Ablation Resonance Ionization Mass Spectrometer	\$2,400,000	Polis	
RDTE,DW	Lifetime Power for Wireless Control Sensors	\$800,000	Altmire	
RDTE,DW	Lithium-ion Battery Safety Detection and Control of Impending Failures	\$1,500,000	Carson	Lugar
RDTE,DW	Low Cost Stabilized Turret	\$800,000	Crenshaw	
RDTE,DW	Man Portable Sensors for Dismounted Reconnaissance	\$2,000,000		Mikuiski
RDTE,DW	MARCENT Thermal Imaging Suite	\$3,000,000		Gregg
RDTE,DW	Material, Design and Fabrication Solutions for Advanced SEAL Delivery System External Structural Components	\$2,000,000	Simpson	Crapo; Risch
RDTE,DW	MEMS Sensors for Real-Time Sensing of Weaponized Pathogens	\$2,000,000	Biggert; Lipinski	
RDTE,DW	Military / Law Enforcement Counterterrorism Test Bed	\$2,400,000	Young (FL)	
RDTE,DW	MiTech Expansion Program	\$1,600,000	Rehberg	Baucus; Tester
RDTE,DW	Miniature Day Night Sight for Crew Served Weapons	\$1,200,000	Sestak	
RDTE,DW	Miniature Divert and Altitude Controls System Thruster	\$1,600,000	McKeon	
RDTE,DW	Miniaturized Chemical Detector for Chemical Warfare Protection	\$1,600,000	McGovern	
RDTE,DW	Mismatch Repair Derived Antibody Medicines to Treat Staphylococcus-derived Bioweapons	\$1,000,000	Sestak	Specter
RDTE,DW	Missile Activity and Characteristics—Releasable	\$2,400,000	Perriello	
RDTE,DW	Modeling and Simulation Standards Study	\$800,000	Forbes	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,DW	Morehouse College, John H. Hopps Defense Research Scholars Program	\$2,400,000	Lewis (GA); Bishop (GA); Kingston; Scott (GA)	Chambliss; Isakson
RDTE,DW	Mosaic Camera Technology Transition	\$1,600,000	Doyle	
RDTE,DW	Multiple-Target-Tracking Optical Sensor-Array Technology (MOST)	\$4,000,000		Akaka; Inouye
RDTE,DW	Multi-target Shipping Container Interrogation System Mobile Continuous Air Monitor	\$1,600,000	Brown, Corrine (FL)	
RDTE,DW	National Center for Blast Mitigation	\$1,200,000	Moran (VA)	Warner; Webb
RDTE,DW	National Radio Frequency Research, Development and Technology Transfer	\$4,000,000	Buyer; Ellsworth	Lugar
RDTE,DW	National Terrorism Preparedness Institute, Anti-Terrorism / Counter-Terrorism Technology Development and Training	\$2,800,000	Young (FL)	
RDTE,DW	Next Generation Manufacturing Technologies Initiative	\$1,600,000	Loebsack	Grassley; Harkin
RDTE,DW	NIDS Handheld Common Identifier for Biological Agents	\$2,400,000	Castle	Carper; Kaufman
RDTE,DW	Non-Gasoline Burning Outboard Engine	\$1,520,000	Mollohan; Wilson (SC)	
RDTE,DW	Northwest Manufacturing Initiative	\$2,000,000	Blumenauer; DeFazio; Schrader; Walden; Wu	Merkley; Murray; Wyden
RDTE,DW	Omni Directional Relay and Conformal Antenna	\$2,500,000		Mikulski
RDTE,DW	Optical Surveillance Equipment	\$2,000,000	Duncan	
RDTE,DW	Pacific Data Conversion and Technology Program	\$2,000,000		Akaka
RDTE,DW	Pacific Region Interoperability Test and Evaluation Capability	\$3,300,000		Inouye

RDTE,DW	PaintShield for Protecting People from Microbial Threats	\$2,000,000	Fudge; Jackson	Brown; Voinovich
RDTE,DW	Partnership for Defense Innovation Wi-Fi Laboratory Testing and Assessment Center	\$2,800,000	Kissell; Etheridge; McIntyre	Burr
RDTE,DW	Personalized Medicine Initiative	\$2,400,000	Edwards (MD)	
RDTE,DW	Photovoltaic Ribbon Solar Cell Technology Project	\$2,880,000	Hinchey	Schumer
RDTE,DW	Picoceptor and Processor for Man-portable Threat Warning	\$3,200,000		Gregg
RDTE,DW	Playas Training and Research Center	\$3,200,000	Teague	Bingaman; Udall (NM)
RDTE,DW	Portable Device for Latent Fingerprint Identification	\$1,440,000	Smith (WA)	Murray
RDTE,DW	Portable Rapid Bacterial Warfare Detection Unit	\$4,000,000	Latham; Boswell	Grassley; Harkin
RDTE,DW	Potent Human Monoclonal Antibodies Against BoNT A, B and E Suited for Mass Production and Treatment of Large Populations	\$1,000,000	Gerlach	
RDTE,DW	Progressive Research for Sustainable Manufacturing	\$1,200,000	Rogers (KY)	Bunning
RDTE,DW	Protective Self-Decontaminating Surfaces	\$1,600,000	Grijalva; Aderholt	
RDTE,DW	Radio Frequency Identification Technologies	\$1,000,000	Yarmuth	Bunning; McConnell
RDTE,DW	Radio Inter-Operability System	\$1,600,000	Moran (VA)	
RDTE,DW	Random Obfuscating Compiler Anti-Tamper Software	\$1,520,000	Michaud	Collins; Snowe
RDTE,DW	Real Time Test Monitoring of Chemical Agents, Chemical Agent Stimulants and Toxic Industrial Chemicals	\$1,280,000		Collins
RDTE,DW	Reconnaissance and Data Exploitation (REX) System	\$3,500,000		Akaka
RDTE,DW	Recovery, Recycle, and Reuse of DOE Metals for DoD Applications	\$1,920,000	Granger	
RDTE,DW	Reduced Cost Supply Readiness	\$1,200,000	Lynch	Kerry
RDTE,DW	Regenerative Filtration System for CBRN Defense	\$2,700,000	LaTourette	Brown
RDTE,DW	Remote VBIED Detection and Defeat System	\$1,200,000	Doyle	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,DW	Rigid Aeroshell Variable Buoyancy Air Vehicle	\$4,000,000	Sherman; Napolitano	
RDTE,DW	Savannah CRTC Training Enabled Maneuver Instrumentation (STEM)	\$3,600,000	Kingston	
RDTE,DW	Science, Technology, Engineering and Mathematics Initiative	\$1,600,000	Green, Gene (TX); Green, Al (TX); Jackson-Lee (TX)	
RDTE,DW	Sea Catcher UAS Launch and Recovery System	\$1,600,000	Sarbanes	
RDTE,DW	Secure, Miniaturized, Hybrid, Free Space, Optical Communications	\$1,600,000	Rothman; Lance	Lautenberg; Menendez
RDTE,DW	Security for Critical Communication Networks	\$5,600,000	Rothman; Sires	Menendez
RDTE,DW	Security Protection using Ballistic CORE Technology	\$3,900,000		Collins
RDTE,DW	Self-Contained Automated Vehicle Washing Systems with Microwave Decontamination	\$1,600,000		Johnson
RDTE,DW	Self-decontaminating Polymer System for Chemical and Biological Warfare Agents	\$2,800,000	Blunt	Crapo; Risch
RDTE,DW	Semiconductor Photomask Technology Infrastructure Initiative	\$1,600,000	Tauscher	
RDTE,DW	Shipping Container Security System Field Evaluation	\$3,600,000		Reid
RDTE,DW	Small Craft Threat Identification Program	\$1,200,000	Pingree (ME)	Collins; Snowe
RDTE,DW	Smart Bomb Targeting Radar System	\$2,320,000		Cochran; Wicker
RDTE,DW	SOC-R Armor Development for Small Arms Armor Piercing Ammo	\$2,480,000		Cochran; Wicker
RDTE,DW	Solid Oxide Fuel Technology	\$1,000,000	Clyburn	
RDTE,DW	Spintronics Memory Storage Technology	\$2,800,000	Lewis (CA)	

RDTE,DW	Strategic Materials	\$5,000,000		Inouye
RDTE,DW	Superconducting Quantum Information Technology	\$800,000	Moore (KS)	
RDTE,DW	Synchrotron Beamline Experimental Station	\$3,200,000	Clarke; Ackerman; Bishop (NY); McCarthy (NY); Tonko; Towns	Schumer
RDTE,DW	Tactical, Cargo, and Rotary Wing Aircraft Decon	\$1,800,000	LaTourette	
RDTE,DW	Technology Applications for Security Enhancement	\$3,000,000	Lucas	Inhofe
RDTE,DW	Technology for Shallow Water Special Operation Forces Mobility	\$2,880,000	Boyd	Nelson (FL)
RDTE,DW	Thermal Pointer / Illuminator for Force Protection	\$1,600,000	Reichert	
RDTE,DW	Thurgood Marshall College Fund Defense Leadership and Technology Initiative	\$1,200,000	Bishop (GA)	
RDTE,DW	Tidewater Full Scale Exercise	\$2,320,000	Forbes	Warner; Webb
RDTE,DW	Tiger Moth Air-Launched Off Board Sensing Small Unmanned Aerial System	\$1,600,000		Lugar
RDTE,DW	Total Perimeter Surveillance	\$1,600,000	Schauer	Levin; Stabenow
RDTE,DW	Transformer Technology for Combat Submersibles	\$3,600,000	Ros-Lehtinen; Bishop (NY)	Schumer
RDTE,DW	Trusted Foundry	\$10,000,000		Gillibrand; Leahy; Schumer
RDTE,DW	Tunable MicroRadio for Military Systems	\$5,600,000		Conrad; Dorgan
RDTE,DW	UAV Directed Energy Weapons Systems Payloads	\$1,000,000	Tiahrt	
RDTE,DW	UAV Systems and Operations Validation Program	\$2,320,000	Teague	Bingaman; Udall (NM)
RDTE,DW	UAV / UAS Test Facility	\$2,400,000	Cole	Inhofe
RDTE,DW	Ultra Low Profile EARS Gunshot Localization System	\$1,200,000	Moran (VA)	
RDTE,DW	Undersea Special Warfare Engineering Support Office	\$2,000,000		Inouye
RDTE,DW	Under-Vehicle Inspection System	\$2,400,000	Young (AK); Bishop (UT)	Begich; Bennett; Murkowski

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,DW	Unified Management Infrastructure System	\$800,000	Schakowsky	
RDTE,DW	United States Special Operations Command—USSOCOM/STAR-TEC Partnership Program	\$1,600,000	Young (FL)	
RDTE,DW	United States Special Operations Command SOCRATES High Assurance Platform Program	\$1,000,000	Young (FL)	
RDTE,DW	University Multi-Spectral Laboratories	\$2,000,000	Lucas	
RDTE,DW	University Strategic Partnership	\$1,920,000	Heinrich	Bingaman; Udall (NM)
RDTE,DW	Vehicle and Dismount Exploitation Radar (VADER)	\$4,000,000	Kratovil; Ruppersberger; Sarbanes	Cardin; Mikulski
RDTE,DW	Vehicle Fuel Cell and Hydrogen Logistics Program	\$6,400,000		Levin
RDTE,DW	Water Purification System for Natural Disasters	\$800,000		Cochran; Landrieu
RDTE,DW	Wellhead Treatment of Perchlorate Contaminated Wells	\$1,600,000	Baca	
RDTE,DW	Woody Biomass Conversion to JP-8 Fuel	\$1,280,000	Michaud; Pingree (ME)	Collins; Snowe
RDTE,DW	Wyoming Army National Guard Joint Training and Experimentation Center (JTEC)	\$3,760,000		Barrasso
RDTE,DW	X-Band/W-Band Solid State Power Amplifier	\$1,000,000	Young (FL)	
RDTE,N	4-D Data Fusion Visualization	\$1,600,000		Inouye
RDTE,N	76mm Swarbuster Capability	\$1,600,000	Crenshaw	
RDTE,N	AARGM Counter Air Defense Future Capabilities	\$2,000,000	Mollohan	
RDTE,N	Accelerating Fuel Cells Manufacturability	\$1,600,000	Slaughter	Schumer

RDTE,N	Adelos Program: Nuclear Security Sensor System	\$2,800,000	Rehberg	Baucus; Tester
RDTE,N	Advanced Battery System for Military Avionics Power Systems	\$1,600,000	Sherman	
RDTE,N	Advanced Capability Build 12 and 14	\$1,600,000	Adler	
RDTE,N	Advanced Composite Manufacturing for Composite High-Speed Boat Design	\$1,600,000	Pingree (ME)	Collins; Snowe
RDTE,N	Advanced Composite Maritime Manufacturing	\$1,600,000	Castle	Carper; Kaufman
RDTE,N	Advanced Energetics Initiative	\$4,000,000	Hoyer	
RDTE,N	Advanced Fluid Controls for Shipboard Application	\$3,000,000		Lautenberg; Menendez
RDTE,N	Advanced Fuel Filtration System	\$1,200,000	Neal; Frelinghuysen	Kerry; Lautenberg; Menendez
RDTE,N	Advanced Helicopter Landing Aid	\$800,000	Rehberg	Tester
RDTE,N	Advanced High Energy Density Surveillance Power Module	\$3,200,000		Kohl
RDTE,N	Advanced Linear Accelerator Facility	\$960,000	Hill	Lugar
RDTE,N	Advanced Logistics Fuel Reformer for Fuel Cells (Phase II)	\$2,400,000	DeLauro	Dodd
RDTE,N	Advanced Manufacturing for Submarine Bow Domes and Rubber Boots	\$1,600,000	Crenshaw	Nelson (FL)
RDTE,N	Advanced Molecular Medicine Initiative	\$800,000	Schiff; Chu; Dreier	
RDTE,N	Advanced Naval Logistics	\$2,400,000		Specter
RDTE,N	Advanced Simulation Tools for Composite Aircraft Structures	\$1,600,000	Clay	Bond
RDTE,N	Advanced Steam Turbine	\$4,000,000	Massa; Olver; Tsongas	Kerry; Kirk; Schumer
RDTE,N	Aegis Research and Development	\$4,000,000	Miller, Gary (CA)	
RDTE,N	Agile Port and High Speed Ship Technology	\$1,600,000	Sánchez, Linda (CA)	
RDTE,N	Aging Military Aircraft Fleet Support	\$1,600,000	Tiahrt	Brownback; Roberts

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,N	Air Readiness/Effectiveness Measurement Program	\$1,600,000	Moran (VA); Nye	
RDTE,N	AN/SLQ—25D Integration	\$6,400,000	Murtha	
RDTE,N	Arc Fault Circuit Breaker with Arc Location	\$800,000	Matheson	Bennett; Hatch
RDTE,N	Artificial Intelligence—Based Combat System Kernel	\$3,200,000	Kennedy	Reed
RDTE,N	Assistive Technologies for Injured Service Members	\$800,000		Nelson (FL)
RDTE,N	Automated Fiber Optic Manufacturing Initiative for Navy Ships	\$2,000,000	Nye; Tsongas	Kerry; Kirk; Warner; Webb
RDTE,N	Automated Missile Tracking	\$800,000	Moran (VA)	
RDTE,N	Autonomous Anti-Submarine Warfare Vertical Beam Array Sonar	\$1,600,000	Miller (NC); Coble	Burr
RDTE,N	Autonomous Marine Sensors and Networks for Rapid Littoral Assessment	\$2,400,000	Young (FL)	
RDTE,N	Autonomous Unmanned Surface Vehicle	\$2,700,000		Akaka
RDTE,N	Autonomous UUV Delivery and Communication System Integration	\$3,600,000	Dicks	Murray
RDTE,N	Avionics Life Extension	\$800,000	Edwards (TX)	
RDTE,N	Battlefield Sensor Netting	\$2,400,000	Young (FL)	
RDTE,N	Biocidal Wound Dressings	\$1,200,000		Leahy
RDTE,N	Biosensors for Defense Applications	\$800,000	Cao; Melancon; Scalise	Landrieu
RDTE,N	Bow Lifting Body Project	\$3,200,000	Kagen; Stupak	Inouye; Levin

RDTE,N	California Central Coast Partnership Research	\$2,800,000	McCarthy (CA)	
RDTE,N	Captive Air Amphibious Transporter	\$2,200,000		Inouye
RDTE,N	Carbon Composite Thin Films for Power Generation and Energy Storage	\$1,600,000		Hutchison
RDTE,N	Center for Assured Critical Application and Infrastructure Security	\$1,200,000	Johnson (IL)	
RDTE,N	Center for Autonomous Solar Power—Supercapacitors for Integrated Power Storage	\$4,000,000	Hinchey	Gillibrand; Schumer
RDTE,N	Center for Commercialization of Advanced Technology	\$2,000,000	Lewis (CA); Davis (CA)	
RDTE,N	Characterization and Exploitation of Magnetic and Electric Fields in the Coastal Ocean Environment	\$2,000,000	Klein (FL); Wasserman Schultz; Wexler	Nelson (FL)
RDTE,N	Cognitive Radio Institute	\$800,000	Gordon	
RDTE,N	Combustion Light Gas Gun Projectile	\$4,000,000		Byrd
RDTE,N	Common Air Mine Countermeasures Tow Cable	\$2,400,000	Boyd	
RDTE,N	Common Command and Control System Module	\$4,800,000	Langevin; Courtney; Kennedy	Dodd; Lieberman; Reed
RDTE,N	Common Digital Sensor Architecture	\$2,400,000	Obey	Kohl
RDTE,N	Common Safety System Controller	\$2,400,000	Pastor (AZ)	
RDTE,N	Compliance Tools Development for Metals in Antifouling Paints	\$800,000	Bishop (UT); Rehberg	Tester
RDTE,N	Composite Mast for CVNs	\$2,960,000		Cochran; Wicker
RDTE,N	Composite Materials Enhancements through Polymer Science R&D	\$5,120,000		Cochran; Wicker
RDTE,N	Composite Tissue Transplantation for Combat Wounded Repair	\$2,000,000	Lewis (GA)	Chambliss
RDTE,N	Condition-Based Maintenance Enabling Technologies Program	\$2,400,000		Byrd
RDTE,N	Conformal Ceramics for Enhanced Aviation Armor Systems	\$2,500,000		Chambliss; Isakson
RDTE,N	Continuous Active Sonar for Torpedo DCL Systems	\$3,600,000	Courtney	Dodd; Lieberman

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,N	Cooperative Engagement Capability	\$4,000,000	Young (FL)	
RDTE,N	Countermine LIDAR UAV-Based Systems	\$1,600,000	Taylor	Cochran
RDTE,N	DDG-51 Hybrid Drive System	\$8,100,000	Childers	Cochran; Kerry; Kirk; Wicker
RDTE,N	Deployable Command and Control Vehicle	\$3,040,000	Boyd	
RDTE,N	Deployment Health and Chronic Disease Surveillance	\$800,000	Moran (VA)	
RDTE,N	Detection, Tracking, and Identification for ISRTE of Mobile and Asymmetric Targets	\$2,000,000	Abercrombie	Akaka
RDTE,N	Digitization, Integration, and Analyst Access of Investigative Files, NCIS	\$1,200,000		Byrd
RDTE,N	Dynamic Eye-Safe Imaging Laser	\$800,000	Reichert	
RDTE,N	E-6B Strategic Communications Upgrade	\$2,400,000	Fallin; Loeb sack; Johnson, Sam (TX)	Harkin; Inhofe
RDTE,N	Electromagnetic Signatures Assessment System Using Multiple Autonomous Undersea Vehicles, Phase III	\$2,000,000		Crapo; Risch
RDTE,N	Electronic Motion Actuation Systems	\$800,000	Shuler; Bishop (UT)	Bennett; Brown; Hatch; Voinovich
RDTE,N	Energetic Nano-Materials Agent Defeat Initiative	\$1,600,000	Rothman; Payne	
RDTE,N	Energetics S&T Workforce Development	\$3,500,000	Hoyer	Cardin
RDTE,N	Enhanced EO/IR Sensors	\$2,400,000	Hodes	Gregg; Shaheen
RDTE,N	Enhanced Small Arms Protective Insert	\$1,600,000	King (NY)	Schumer

RDTE,N	Environmentally Sealed, Ruggedized Avionics Displays	\$3,200,000	Butterfield	Burr; Hagan
RDTE,N	EP-3E Requirements Capability Migration Systems Integration Lab	\$5,000,000	Edwards (TX)	
RDTE,N	Expandable Rigid Wall Composite Shelter	\$800,000	Young (AK)	Begich
RDTE,N	Expeditionary Capabilities Laboratory	\$2,400,000		Brownback; Roberts
RDTE,N	Expeditionary Swimmer Defense System	\$3,200,000		Murray
RDTE,N	F/A-18 Countermeasures Improvement	\$4,000,000		Gregg
RDTE,N	Fan Coil Assembly of the Future	\$2,720,000		Dodd; Kerry; Kirk; Kohl; Lieberman
RDTE,N	FEATHAR—Fusion, Exploitation, Algorithm, Targeting High-Altitude Reconnaissance	\$4,350,000		Bennett
RDTE,N	Fighter Jet Noise Reduction Under Carrier Deck Operational Environment	\$2,880,000		Cochran
RDTE,N	Flight/Hangar Deck Cleaner	\$1,400,000		Begich
RDTE,N	Floating Area Network Littoral Sensor Grid	\$4,000,000	Dicks	
RDTE,N	Flow Path Analysis Tool	\$1,600,000	Lewis (CA); McCarthy (CA)	
RDTE,N	Fuel Efficient, High Specific Power Free Piston Engine for USSVs	\$1,600,000	Pingree (ME)	Collins; Snowe
RDTE,N	Gallienol Energy Harvesting	\$2,800,000	Latham	Grassley; Harkin
RDTE,N	Gallium Nitride (GaN) Power Technology	\$1,600,000	Coble	
RDTE,N	Global Law Enforcement Support for Counter-Narcotics	\$1,500,000		Burr
RDTE,N	Global Supply Chain Management	\$800,000	Bishop (GA)	
RDTE,N	Ground Warfare Acoustical Combat Systems of Netted Sensors	\$5,000,000	Boren; Sullivan	Inhofe
RDTE,N	Guidance, Navigation, Control, and Targeting	\$4,000,000		Leahy
RDTE,N	Hampton University Proton Cancer Treatment Initiative	\$4,000,000	Scott (VA); Moran (VA)	Warner; Webb

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,N	Harbor Shield—Homeland Defense Port Security Initiative	\$1,600,000	Kilroy; Langevin	Reed; Voinovich; Whitehouse
RDTE,N	Hawaii National Guard Integrated Information Command System	\$1,280,000		Inouye
RDTE,N	Hawaii Technology Development Venture	\$10,000,000		Inouye
RDTE,N	HBCU Applied Research Incubator	\$800,000	Kilpatrick; Connolly; Cummings; Thompson (MS)	Cochran; Wicker
RDTE,N	Head Attitude Tracking System	\$1,600,000		Conrad; Dorgan
RDTE,N	High Density Power Conversion and Distribution Equipment	\$1,200,000	Sullivan; Boren	
RDTE,N	High Performance Capabilities for Military Vehicles Project	\$1,120,000		Hagan
RDTE,N	High Power Density Motor Drive	\$2,880,000	Murphy, Tim (PA)	
RDTE,N	High Power Ultra Lightweight Zinc-Air Battery	\$2,000,000	Coble; Kucinich; Sutton	Leahy
RDTE,N	High Temperature Radar Dome Materials	\$1,600,000	Giffords	
RDTE,N	High Temperature Superconductor Trap Field Magnet Motor	\$800,000	Carter	
RDTE,N	High Torque, Low Speed, Direct Drive Electric Motor Technology	\$1,600,000		Durbin
RDTE,N	Highly Conductive Lightweight Aircraft Sealant	\$960,000		Burr
RDTE,N	Highly Integrated Siloxane Optical Interconnect for Military Avionics	\$800,000	Stupak	Levin; Stabenow
RDTE,N	High-Shock 100 Amp Current Limiting Circuit Breaker	\$600,000	Murphy, Tim (PA)	Casey; Specter
RDTE,N	Human Neural Cell-Based Biosensor	\$1,100,000		Isakson

RDTE,N	Hybrid Propellant for Medium and Large Caliber Ammunition	\$4,000,000	Boyd	
RDTE,N	Hybrid Propulsion/Power Generation for Increased Fuel Efficiency for Surface Combatants	\$6,400,000	Sanchez, Loretta (CA); Miller, Gary (CA)	Feinstein
RDTE,N	Image-Based Navigation and Precision Targeting	\$640,000	Markey (MA)	Kerry
RDTE,N	Improved Capabilities for Irregular Warfare Platforms	\$4,000,000	Hoyer	Cardin
RDTE,N	Improved Kinetic Energy Cargo Round	\$800,000	Lee (NY)	Schumer
RDTE,N	Improved Submarine Towed Array Systems	\$1,600,000		Reed
RDTE,N	Infrared Materials Laboratory	\$2,800,000	Cole	
RDTE,N	Instrumented Underwater Training Systems	\$2,240,000	Ros-Lehtinen	
RDTE,N	Integrated Advanced Ship Control	\$1,200,000	Tierney	Kerry
RDTE,N	Integrated Condition Assessment and Reliability Engineering	\$800,000	Connolly	
RDTE,N	Integrated Manifold and Tube Ceramic Oxygen Generator	\$4,800,000		Grassley; Harkin
RDTE,N	Integrated Manufacturing Enterprise	\$5,000,000		Landrieu; Vitter
RDTE,N	Integrated Manufacturing Systems 3D Simulation and Modeling Project	\$2,000,000	Scalise; Melancon	Landrieu
RDTE,N	Integrated Power System Converter	\$1,600,000	Murphy, Tim (PA)	Casey; Specter
RDTE,N	Integrated Power System Power Dense Harmonic Filter Design	\$1,600,000	Altmire	
RDTE,N	Integrated Psycho-Social Healthcare Demonstration Project	\$1,000,000	Young (FL)	Nelson (FL)
RDTE,N	Integration of Advanced Wide Field of View Sensor with Reusable, Reconfigurable Payload Processing Testbed System	\$800,000	Holden	
RDTE,N	Integration of Electro-Kinetic Weapons into Next Generation Navy Ships	\$4,000,000	Boyd	Nelson (FL)
RDTE,N	Integration of Logistics Information of Knowledge Projection and Readiness Assessment Program	\$1,600,000		Byrd

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,N	Intelligent Decision Exploration	\$3,900,000		Inouye
RDTE,N	Intelligent Retrieval of Imagery	\$2,000,000	Moran (VA)	
RDTE,N	IP over Power Line Carrier Network Integration with ICAS	\$1,600,000	McIntyre	
RDTE,N	Joint Explosive Ordnance Disposal Diver Situational Awareness System	\$1,600,000	Moran (VA)	
RDTE,N	Joint Heavy-Lift Rotocraft Research	\$1,000,000	Hoyer	
RDTE,N	Joint Mission Battle-Space to Support Net-Ready Key Performance Parameters	\$2,000,000	Hoyer	Cardin
RDTE,N	Joint Tactical Radio System Handheld Manpack Small Form Factor Radio System	\$3,600,000	Wasserman Schultz	
RDTE,N	Joint Technology Insertion and Accelerated System Integration Capability for Electronic Warfare	\$1,600,000	Ellsworth	Lugar
RDTE,N	Kinetic Hydropower System Turbine	\$1,600,000	Inslee; Engel; Tonko; Towns	Murray; Schumer
RDTE,N	Landing Craft Composite Lift Fan	\$1,200,000	Garrett; Dent	Lautenberg; Menendez
RDTE,N	Laser Optimization Remote Lighting System	\$2,000,000	Larson (CT)	
RDTE,N	Laser Peening for P-3 Life Extension	\$1,280,000		Feinstein
RDTE,N	Laser Phalanx	\$12,000,000	Crowley; Bishop (UT)	Bennett; Bunning; Hatch; McConnell; Schumer
RDTE,N	Life Extension of Weapon Systems Through Advanced Materials Processing	\$2,500,000	Herseth Sandlin	Johnson; Thune
RDTE,N	Lighter-than-Air Stratospheric Unmanned Aerial Vehicle for Persistent Communications Relay and Surveillance	\$2,400,000	Lamborn	

RDTE,N	Lightweight Composite Structure Development for Aerospace Vehicles	\$2,400,000	Sullivan	Inhofe
RDTE,N	Lithium Ion Storage Advancement for Aircraft Applications	\$2,000,000	Blunt	
RDTE,N	Low Acoustic and Thermal Signature Battlefield Power Source	\$3,200,000	Rehberg	Baucus; Tester
RDTE,N	Low Frequency Active Towed Sonar System Organic ASW Capability	\$1,600,000	Crenshaw	
RDTE,N	Low Signature Defensive Weapon System for Surface Combatant Craft	\$3,840,000	Hinchey	Schumer
RDTE,N	M230 30mm Chain Gun Automatic Cannon	\$3,760,000		Reid
RDTE,N	Magnetic Refrigeration Technology for Naval Applications	\$4,000,000	Baldwin	Kohl
RDTE,N	Maintenance Free Operating Period	\$2,000,000	Moran (VA)	
RDTE,N	Maintenance Planning and Assessment Technology Insertion	\$1,200,000	Brady (PA)	
RDTE,N	Management of Lung Injury by Micronutrients	\$1,200,000	Meeks (NY)	Schumer
RDTE,N	Managing and Extending DoD Asset Lifecycles	\$1,600,000	Abercrombie	Akaka
RDTE,N	Manufacturing S&T for Next-Generation Energetics	\$5,000,000	Hoyer	
RDTE,N	Marine Air-Ground Task Force Situational Awareness	\$2,700,000		Inouye
RDTE,N	Marine Corps Cultural and Language Training Platform	\$640,000	Maffei	Schumer
RDTE,N	Marine Expeditionary Rifle Squad Reconfigurable Vehicle Simulator	\$2,400,000	Rehberg	Baucus; Tester
RDTE,N	Marine Mammal Awareness, Alert and Response Systems	\$2,400,000	Abercrombie	
RDTE,N	Marine Mammal Detection System	\$2,000,000	Smith (NJ)	Lautenberg; Menendez
RDTE,N	Marine Personnel Carrier Support System	\$2,400,000	Kennedy	Reed
RDTE,N	Marine Species Mitigation	\$2,295,000	Brown, Corrine (FL)	Nelson (FL)
RDTE,N	Maritime Directed Energy Test and Evaluation Center	\$1,200,000		Inouye

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,N	Measurement Standards Research and Development	\$5,800,000	Calvert	
RDTE,N	Media Exploitation Tool Integration with Intelligence C2 Systems	\$1,200,000	Kosmas	
RDTE,N	METOC Integrated Network-Centric Technology Systems	\$2,600,000		Vitter
RDTE,N	Micro-Drive for Future HVAC Systems	\$1,920,000	Moore (WI)	Kohl
RDTE,N	Military Upset Recovery Training	\$800,000	Lee (NY)	Schumer
RDTE,N	Millimeter Wave Imaging	\$1,360,000	Castle	Carper; Kaufman
RDTE,N	Mobile Modular Command Center (M2C2)	\$2,800,000		Inouye
RDTE,N	Mobile, Oxygen, Ventilation and External Suction (MOVES) System	\$2,720,000	Granger; Johnson (TX)	Cornyn
RDTE,N	Modular Advanced Vision System	\$1,600,000	Carney	
RDTE,N	Mold-in-Place Coating Development for the US Submarine Fleet	\$2,000,000	Taylor	Cochran; Wicker
RDTE,N	Molten Carbonate Fuel Cell Demonstrator	\$3,600,000		Dodd; Lieberman
RDTE,N	Moving Target Indicator Scout Radar	\$800,000	Johnson, Sam (TX); Hall (TX); Johnson, Eddie Bernice (TX)	
RDTE,N	Multi-Element Structured Filter Arrays for Naval Platforms	\$3,440,000	Bonner	
RDTE,N	Multifunctional Materials, Devices, and Applications	\$1,600,000	Kilroy	
RDTE,N	Multi-Mission Unmanned Surface Vessel	\$2,000,000	Granger	
RDTE,N	Multivalent Dengue Vaccine Program	\$1,280,000	Brown (SC)	Graham

RDTE,N	Nanofluidic Lubricants for Increased Fuel Efficiency in Heavy Duty Vehicles	\$1,200,000	Price (NC)	
RDTE,N	Nanotechnology for Anti-Reverse Engineering	\$2,400,000	Boozman	Lincoln; Pryor
RDTE,N	National Aviation Enterprise Interoperability with Carrier Strike and Expeditionary Group Forces	\$5,000,000	Hoyer	Cardin; Mikulski
RDTE,N	National Functional Genomics Center Collaborating Site	\$3,200,000	Holden	
RDTE,N	National Initiatives for Applications of Multifunctional Materials	\$2,000,000		Hutchison
RDTE,N	National Shipbuilding Research Program Advanced Shipbuilding Enterprise	\$3,200,000		Sessions; Wicker
RDTE,N	NAVAIR High Fidelity Oceanographic Library	\$2,400,000	Rehberg	
RDTE,N	NAVAIR Project for Land / Sea-Based Air Systems Maintenance and Air Worthiness	\$2,000,000	Conyers; Dingell; Levin	Levin; Stabenow
RDTE,N	Naval Advanced Electric Launcher System	\$2,000,000		Bond
RDTE,N	Naval Ship Hydrodynamic Test Facilities	\$3,200,000	Van Hollen	Cardin
RDTE,N	Navy Advanced Threat Simulator	\$1,600,000	McCarthy (CA)	
RDTE,N	Navy Special Warfare Performance and Injury Prevention Program for Special Boat Team 22	\$2,000,000	Taylor	Cochran; Wicker
RDTE,N	NAWCWD Point Mugu Electronic Warfare Laboratory Upgrade	\$3,200,000	Gallegly	
RDTE,N	Near Infrared Optical Augmentation System	\$1,600,000	Moran (VA)	
RDTE,N	Next Generation Electronic Warfare Simulator	\$1,600,000	McCarthy (CA); Ruppertsberger	
RDTE,N	Next Generation Manufacturing Processes and Systems	\$1,200,000	Smith (TX)	
RDTE,N	Next Generation Scalable Lean Manufacturing Initiative—Phase Two	\$2,400,000	Young (FL)	
RDTE,N	Next Generation Shipboard Integrated Power—Fuel Efficiency and Advanced Capability Enhancer	\$1,600,000	Bartlett	
RDTE,N	Non Traditional Ballistic Fiber and Fabric Weaving Application for Force Protection	\$2,000,000	LoBiondo; Andrews; Rothman	Lautenberg; Menendez
RDTE,N	Non-Gasoline Burning Outboard Engine	\$1,520,000	Boyd	

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,N	Non-Lethal Defense Technologies	\$2,320,000	Murtha	
RDTE,N	NSWC Corona Item Unique Identification Center	\$1,440,000	Calvert	
RDTE,N	ONAMI Nanoelectronics, Nanometrology and Nanobiotechnology Initiative	\$3,840,000	Wu; Blumenauer; DeFazio; Schrader; Walden	Merkley; Wyden
RDTE,N	On-Demand Custom Body Implants/Prosthesis for Injured Personnel	\$1,600,000	Dingell; Levin	Levin; Stabenow
RDTE,N	Open Source Naval and Missile Database Reporting System	\$1,920,000	Dicks	
RDTE,N	Organic Submarine IRST Demonstration (ISRT OSAID)	\$2,400,000		Reed
RDTE,N	Out of Autoclave Composite Processing	\$2,000,000	Clay	Bond
RDTE,N	Pacific Airborne Surveillance and Testing	\$17,000,000		Inouye
RDTE,N	Paragon (Frequency Extension)	\$2,400,000	Connolly; Moran (VA)	
RDTE,N	Passive RFID Development	\$900,000	LaTourette	
RDTE,N	Permanent Magnet Generator—Wave Energy Buoy	\$1,920,000	Schrader	Merkley; Wyden
RDTE,N	Persistent Autonomous Maritime Surveillance	\$5,000,000	Rogers (KY)	
RDTE,N	Persistent Surveillance Wave Powerbuoy System	\$3,200,000	Holt	Lautenberg; Menendez
RDTE,N	Photonic Integration Foundry	\$2,400,000		Casey; Specter
RDTE,N	Photovoltaic Rooftop Systems for Military Housing	\$1,200,000	Peters; Schauer	Levin
RDTE,N	Precision Engagement Technologies for Unmanned Systems	\$2,000,000	Ehlers	Levin

RDTE,N	Productization of Anti-fouling and Fouling Release Coating Systems	\$2,800,000	Pomeroy	Conrad; Dorgan
RDTE,N	Propulsion Manufacturing Technology Development	\$3,760,000		Cochran; Wicker
RDTE,N	Proton Exchange Membrane Fuel Cell for Underwater Vehicles	\$1,600,000		Lieberman
RDTE,N	Pure Hydrogen Supply from Logistic Fuels	\$2,400,000	Murphy, Patrick (PA)	Casey
RDTE,N	Quiet Drive Advanced Rotary Actuator	\$1,600,000	Sestak; Harman; Higgins; Lee (NY); Sherman; Slaughter	Schumer; Warner; Webb
RDTE,N	Real-time Tactical Intelligence Collection System	\$1,200,000	Kennedy; Sarbanes	Cardin; Mikulski
RDTE,N	Regenerative Fuel Cell Back-up Power	\$1,360,000	Larson (CT)	Dodd
RDTE,N	Remote Aiming and Sighting Optical Retrofit	\$3,040,000	Granger; Johnson (TX)	
RDTE,N	Semi-Submersible UUV for Sensor Enhancements	\$1,400,000	Alexander	Vitter
RDTE,N	Sensor Integration Framework	\$1,440,000	Boyd	Nelson (FL)
RDTE,N	Ship Model Testing	\$2,000,000	King (NY)	Gillibrand; Schumer
RDTE,N	Shipboard Automated Radio Room System	\$1,600,000		Lautenberg; Menendez
RDTE,N	Shipboard Wireless Maintenance Assistant	\$1,200,000	Schauer; Dingell	Levin
RDTE,N	Shipboard Wireless Network	\$2,400,000	Rothman	
RDTE,N	Shock and Vibration Modeling of Marine Composites	\$1,920,000	Towns	Schumer
RDTE,N	Silicon Carbide Wafer Production—Process Development for Low Defect Power Electronics	\$1,200,000	Hinchey	Schumer
RDTE,N	Simplified Orthopedic Surgery	\$4,240,000		Nelson (NE)
RDTE,N	Single Generator Operations Lithium Ion Battery	\$4,000,000		Lugar; Reid
RDTE,N	Small Survivable Jammer	\$800,000		Feinstein
RDTE,N	Smart Instrument Development for the Magdalena Ridge Observatory	\$4,000,000	Teague	Bingaman; Udall (NM)

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,N	Solar Heat Reflective Film for Energy and Fuel Efficiency in Buildings and Vehicles	\$3,920,000		Sessions
RDTE,N	Sonobuoy Wave-Energy Module	\$800,000	Alexander	Landrieu; Vitter
RDTE,N	SPAWAR Systems Center/ITC New Orleans	\$3,200,000	Cao; Scalise	Landrieu; Vitter
RDTE,N	SSBN(X) Systems Development	\$2,000,000	Wittman	
RDTE,N	Strike Weapon Propulsion	\$3,200,000	Barton	
RDTE,N	Submarine Automated Test and Re-Test	\$2,000,000	Moran (VA)	
RDTE,N	Submarine Environment for Evaluation and Development	\$2,400,000		Reed
RDTE,N	Submarine Fatline Vector Sensor Towed Array	\$1,600,000	Kratovil	Cardin
RDTE,N	Submarine Navigation Decision Aids	\$4,000,000	Murtha	
RDTE,N	Submarine Panoramic Awareness System	\$800,000	Sherman	
RDTE,N	Submarine System Biometrics Access Control	\$2,000,000	Rogers (KY)	Bunning
RDTE,N	Supply Chain Logistics Capability at the ABL NIROP	\$6,400,000		Byrd
RDTE,N	Tactical High Speed Anti-Radiation Missile Propulsion Demonstration	\$1,520,000	McKeon; Connolly	
RDTE,N	Technology Transfer Office	\$1,500,000	Hoyer	Mikulski
RDTE,N	Texas Microfactory	\$1,600,000		Hutchison
RDTE,N	Thin Film Materials for Advanced Applications, Advanced IED and Anti-Personnel Sensors	\$1,280,000		Leahy

RDTE,N	Tomahawk Cost Reduction Initiative	\$3,280,000	Bishop (UT)	Bennett; Hatch; Levin; Stabenow
RDTE,N	Trusted Discovery/ Universal Description Discovery and Integration UDDI	\$5,000,000		Conrad; Dorgan
RDTE,N	U.S. Navy Cancer Vaccine Program	\$2,400,000	Jones (NC); Miller, Gary (CA)	Landrieu
RDTE,N	U.S. Navy Pandemic Influenza Vaccine Program	\$1,600,000	McHugh	Gillibrand; Schumer
RDTE,N	Underwater Explosion Modeling and Simulation for Ohio Class Replacement Composite Non-Pressure Hull Fairing	\$2,000,000	Perriello	
RDTE,N	Underwater Explosives and Warhead Research	\$3,000,000	Hoyer	
RDTE,N	Underwater Imaging and Communications Using Lasers	\$2,000,000	Wexler; Wasserman Schultz	Nelson (FL)
RDTE,N	Unmanned Undersea Vehicle Submerged Long Range Positioning	\$800,000		Landrieu
RDTE,N	Unmanned Vehicle Sensor Optimization Technologies Program	\$2,400,000		Byrd
RDTE,N	Vet-Biz Initiative for National Sustainment	\$4,000,000	Salazar	Udall (CO)
RDTE,N	Virtual Business Accelerator for the Silicon Prairie	\$1,600,000		Nelson (NE)
RDTE,N	Virtual Onboard Analyst for Multi-Sensor Mine Detection	\$1,200,000		Inouye
RDTE,N	Voyage Repair Team Tool Management	\$1,200,000	Adler	
RDTE,N	Warfighter Rapid Awareness Processing Technologies	\$4,500,000		Akaka
RDTE,N	Wave Energy Harvesting for Buoy Applications	\$1,600,000		Reed
RDTE,N	Waves, Wind and Scavengers: Next Generation Renewable Energy Systems for Naval Applications	\$2,000,000		Bond
RDTE,N	Weapon Acquisition and Firing System	\$2,400,000	Kennedy	Reed; Whitehouse
RDTE,N	Wide Area Sensor Force Protection Targeting	\$1,600,000	Bean	
RDTE,N	Wireless Sensors for Navy Aircraft	\$2,400,000		Leahy

**DEFENSE—Continued**  
**[Congressionally Directed Spending Items]**

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,N	Workforce Requirements Planning—Team Enhancement	\$800,000	Inslee	
RDTE,N	X-49A Envelope Expansion Modifications	\$3,600,000	Brady (PA); Andrews; Castle; Higgins; Larson (CT); Sestak; Slaughter	Schumer
WP,N	Allegheny Ballistics Laboratory Facility Restoration Plan	\$9,500,000		Byrd
WP,N	Intelligent Graphics Torpedo Test Set Troubleshooting Maintainers Aid	\$4,000,000	Dicks	
WP,N	Lightweight Torpedo P5U Test Equipment Modernization	\$3,840,000	Dicks	
WP,N	MK-110 57mm Naval Gun	\$2,000,000		McConnell
WP,N	MK-38 Minor Caliber Gun System	\$3,000,000		McConnell
WTCV,A	Arsenal Support Program Initiative at Rock Island Arsenal	\$7,600,000	Hare; Braley	Burris; Durbin; Grassley; Harkin
WTCV,A	Arsenal Support Program Initiative at Watervliet Arsenal	\$6,400,000	Tonko	Gillibrand; Schumer
WTCV,A	M24 Sniper Weapons System Upgrade	\$2,400,000	Arcuri	Schumer

Though clause 9(b) of rule XXI of the rules of the House of Representatives technically only applies to conference reports, the following is a list of congressional earmarks, limited tax benefits, or limited tariff benefits that were neither (1) included in the House bill or Senate amendment on H.R. 3326, nor (2) in a report of a committee of either House on this bill or on a companion measure.

**[Congressionally Directed Spending Items]**

Agency	Account	Project	Amount	Requester(s)	
				House	Senate
National Park Service	Construction	Swain County, NC		Shuler	